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## Introduction

The Event Message Reference contains the error and event information generated by firmware and other agents that monitor system components. These events might be logged, presented to the user on one of the system management consoles, or both logged and displayed.

Each event consists of the following fields:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Message ID</strong></td>
<td>The unique alphanumeric identifier for the event. This identifier can be up to eight characters long and consists of two parts: Message ID Prefix Up to four alphabetic characters. Message ID Sequence Up to four numeric digits.</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>The message text that is displayed to the user or logged as a result of the event. If the message has variable content in it, the variable substitution is reflected by text in <em>italics</em>. These substitution variables are described in the <strong>Arguments</strong> field of the event.</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>Describes the values for any substitution variables appearing in the event message text. If there is no variable content in the message, this field is omitted from the event description.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Additional information describing the event.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>The recommended action to remedy the event described. The response action can vary based on the specific platform.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Dell Lifecycle Controller log filter used to select a subset of messages from different domains or agents.</td>
</tr>
<tr>
<td><strong>Trap/EventID</strong></td>
<td>The identification number used as the Trap ID for SNMP alert traps and as the Event ID when the message is logged in operating system logs.</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>The classification of the event based on its impact to the platform or system. The severity can be:</td>
</tr>
<tr>
<td>Severity 1 Critical</td>
<td>Indicates a catastrophic production problem that might severely impact production systems or components, or systems are down or not functioning.</td>
</tr>
<tr>
<td>Severity 2 Warning</td>
<td>Indicates a high-impact problem where a system or component is disrupted but can remain productive and perform business-level operations.</td>
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<tr>
<td><strong>Severity 3</strong></td>
<td>Information</td>
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**LCD Message**  
The event message text that is displayed on the system's LCD.

**Initial Default**  
Event messages result in event actions such as logging, SNMP or email alerts. Generally, the event actions are configurable using the Dell iDRAC event action filtering feature. This item describes the initial default and possible event actions for the message.

**NOTE:** Initial Default is marked with a check and an asterisk.

**NOTE:** LCD and Chassis Event Proxy are not user configurable.

**NOTE:** In this document, OMSA refers to OpenManage Server Administrator.
AMP Event Messages

AMP0300

Message
The system board arg1 current is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
None

Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178

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AMP0301

Message
The system board arg1 current is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
None

Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
System board <name> current is outside of range. Contact Support
### AMP0302

**Message**
The system board `arg1` current is greater than the upper warning threshold.

**Arguments**
`arg1 = name`

**Detailed Description**
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response**
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2178

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### AMP0303

**Message**
The system board `arg1` current is greater than the upper critical threshold.

**Arguments**
`arg1 = name`

**Detailed Description**
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category System Health (AMP = Amperage)
Severity Severity 1 (Critical)
Trap/EventID 2177
LCD Message System board <name> current is outside of range. Contact Support

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</table>

AMP0304

Message The system board arg1 current is outside of range.
Arguments arg1 = name
Detailed Description Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action Review system power policy, check system logs for power related failures, and review system configuration changes.
Category System Health (AMP = Amperage)
Severity Severity 1 (Critical)
Trap/EventID 2177
LCD Message System board <name> current is outside of range. Contact Support

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AMP0305

Message  The system board arg1 current is within range.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (AMP = Amperage)
Severity  Severity 3 (Informational)
Trap/EventID  2179

AMP0306

Message  Disk drive bay arg1 current is less than the lower warning threshold.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.
Category  System Health (AMP = Amperage)
Severity  Severity 2 (Warning)
Trap/EventID  2178
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**AMP0307**

**Message**

Disk drive bay *arg1* current is less than the lower critical threshold.

**Arguments**

`arg1` = name

**Detailed Description**

None

**Recommended Response**

Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**

System Health (AMP = Amperage)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2177

**LCD Message**

Disk drive bay `<name>` current is outside of range. Contact Support

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</table>

**AMP0308**

**Message**

Disk drive bay *arg1* current is greater than the upper warning threshold.

**Arguments**

`arg1` = name

**Detailed Description**

Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response
Action
Category System Health (AMP = Amperage)
Severity Severity 2 (Warning)

Trap/EventID 2178

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AMP0309

Message Disk drive bay arg1 current is greater than the upper critical threshold.

Arguments arg1 = name

Detailed Description Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action
Category System Health (AMP = Amperage)
Severity Severity 1 (Critical)

LCD Message Disk drive bay <name> current is outside of range. Contact Support
AMP0310

Message
Disk drive bay arg1 current is outside of range.

Arguments
arg1 = name

Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
Disk drive bay <name> current is outside of range. Contact Support

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</table>

AMP0311

Message
Disk drive bay arg1 current is within range.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (AMP = Amperage)

Severity
Severity 3 (Informational)

Trap/EventID
2179
AMP0312

Message
System level current is less than the lower warning threshold.

Detailed Description
None

Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178

AMP0313

Message
System level current is less than the lower critical threshold.

Detailed Description
None

Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)
Severity Severity 1 (Critical)
Trap/EventID 2177
LCD Message System level current is outside of range. Contact Support

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
iDRAC  ✔* | ✔  | ✔      | ✔         | ✔          | ✔     | ✔
CMC    |     |        |           |            |       |         

**AMP0314**

**Message** System level current is greater than the upper warning threshold.
**Detailed Description** Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
**Recommended Response** Review system power policy, check system logs for power related failures, and review system configuration changes.
**Category** System Health (AMP = Amperage)
**Severity** Severity 2 (Warning)
**Trap/EventID** 2178

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
iDRAC  ✔* | ✔  | ✔      | ✔         | ✔          | ✔     | ✔
CMC    |     |        |           |            |       |         

**AMP0315**

**Message** System level current is greater than the upper critical threshold.
### Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

### Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

### Category
System Health (AMP = Amperage)

### Severity
Severity 1 (Critical)

### Trap/EventID
2177

### LCD Message
System level current is outside of range. Contact Support

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### AMP0316

#### Message
System level current is outside of range.

#### Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

#### Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes.

#### Category
System Health (AMP = Amperage)

#### Severity
Severity 1 (Critical)

#### Trap/EventID
2177

#### LCD Message
System level current is outside of range. Contact Support

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</table>
AMP0317

Message
System level current is within range.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (AMP = Amperage)

Severity
Severity 3 (Informational)

Trap/EventID
2179

Filter Visibility

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CMC

AMP0318

Message
Chassis power level current is less than the lower warning threshold.

Detailed Description
None

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178
AMP0319

Message: Chassis power level current is less than the lower critical threshold.

Detailed Description: None

Recommended Response: Review system power policy, check system logs for power related failures, and review system configuration changes

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177

AMP0320

Message: Chassis power level current is greater than the upper warning threshold.

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response: Review system power policy, check system logs for power related failures, and review system configuration changes

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

Trap/EventID: 2177
AMP0321

Message
Chassis power level current is greater than the upper critical threshold.

Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response
Review system power policy, check system logs for power related failures, and review system configuration changes

AMP0322

Message
Chassis power level current is outside of range.
### AMP0323

**Message**
Chassis power level current is within range.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2179

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**Detailed Description**
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2177

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AMP400

**Message**
The \textit{arg1} sensor has failed, and the last recorded value by the sensor was \textit{arg2} A.

**Arguments**
\textit{arg1} = sensor name, \textit{arg2} = current

**Detailed Description**
The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response**
Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5200

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AMP401

**Message**
Unable to read the \textit{arg1} sensor value.

**Arguments**
\textit{arg1} = sensor name

**Detailed Description**
The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response**
Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5201
AMP402

Message
The arg1 sensor returned to a normal state with a value of arg2 A.

Arguments
arg1 = sensor name, arg2 = current

Detailed Description
The current sensor identified in the message has returned to a normal state.

Recommended Response Action
No response action is required.

Category
System Health (AMP = Amperage)

Severity
Severity 3 (Informational)

OMSA Event ID
5202

OMSA Trap ID
5202

AMP403

Message
The arg1 sensor state has changed to a warning state with a value of arg2 A.

Arguments
arg1 = sensor name, arg2 = current

Detailed Description
The current sensor identified in the message is faulty or the current drawn by the system exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.
Recommended Response Action
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the current sensor such that it corresponds to the hardware configuration.

Category System Health (AMP = Amperage)
Severity Severity 2 (Warning)
OMSA Event ID 5203
OMSA Trap ID 5203

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**AMP404**

Message The arg1 sensor detected an error with a value of arg2 A.

Arguments arg1 = sensor name, arg2 = current

Detailed Description The current sensor identified in the message is faulty or the current drawn by the system exceed the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action Review system power policy, check system logs for power related failures, and review system configuration changes. For more information, contact your service provider.

Category System Health (AMP = Amperage)
Severity Severity 2 (Warning)
OMSA Event ID 5204
OMSA Trap ID 5204

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AMP405

Message
The \textit{arg1} sensor state has changed to a failed state with a value of \textit{arg2} A.

Arguments
\textit{arg1} = sensor name, \textit{arg2} = current

Detailed Description
The current sensor identified in the message may be faulty. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response
Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a faulty sensor, replace the system board. For more information, contact your service provider.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

OMSA Event ID
5205

OMSA Trap ID
5205
ASR Event Messages

ASR0000

Message  The watchdog timer expired.
Detailed Description  The operating system or potentially an application failed to communicate to the baseboard management controller (BMC) within the timeout period.
Recommended Response  Check the operating system, application, hardware, and system event log for exception events.
Category  System Health (ASR = Auto Sys Reset)
Severity  Severity 1 (Critical)
Trap/EventID  2233

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ASR0001

Message  The watchdog timer reset the system.
Detailed Description  The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The system was reset per the configured setting.
Recommended Response  Check the operating system, application, hardware, and system event log for exception events.
Category  System Health (ASR = Auto Sys Reset)
Severity  Severity 1 (Critical)
Trap/EventID  2233
ASR002

Message
The watchdog timer powered off the system.

Detailed Description
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered off per the configured setting.

Recommended Response
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

Trap/EventID
2233

ASR0003

Message
The watchdog timer powered cycled the system.

Detailed Description
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered cycled per the configured setting.

Recommended Response
Check the operating system, application, hardware, and system event log for exception events.
Category: System Health (ASR = Auto Sys Reset)
Severity: Severity 1 (Critical)
Trap/EventID: 2233

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**ASR0008**

Message: The watchdog timer interrupt was initiated.

Detailed Description: The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The BMC invoked a system interrupt. (IPMI sensor type code 23h - offset 00h)

Recommended Response: Check the operating system, application, hardware, and system event log for exception events.

Category: System Health (ASR = Auto Sys Reset)
Severity: Severity 1 (Critical)
Trap/EventID: 2233

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**ASR0009**

Message: The system returned from a watchdog timer event.
**Detailed Description**
The system is communicating to the baseboard management controller (BMC).

**Recommended Response Action**
No response action is required.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 3 (Informational)

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**ASR0100**

**Message**
The BIOS watchdog timer reset the system.

**Detailed Description**
The operating system or an application failed to communicate to the system board within the timeout period. The system was reset per the configured setting. (IPMI sensor type code 23h offset 01h event 3:0 - 2h)

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

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**ASR0101**

**Message**
The OS watchdog timer reset the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. System was reset. (IPMI sensor type code 23h offset 01 - event 3:0 - 3h if booting 4h if running)

**Recommended Response**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

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**ASR0102**

**Message**
The OS watchdog timer shutdown the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. The system was shutdown. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)

**Recommended Response**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233
ASR0103

Message
The OS watchdog timer powered down the system.

Detailed Description
The operating system or an application failed to communicate within the timeout period. The system was powered down. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)

Recommended Response
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

Trap/EventID
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ASR0104

Message
The OS watchdog timer powered cycle the system.

Detailed Description
The operating system or an application failed to communicate within the timeout period. The system was powered cycled. (IPMI sensor 23h offset - 03h event 3:0 - 4h)

Recommended Response
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

Trap/EventID
2233
The OS watchdog timer powered off the system.
The operating system or an application failed to communicate within the timeout period. The system was powered off. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)
Check the operating system, application, hardware, and system event log for exception events.
System Health (ASR = Auto Sys Reset)
Severity 1 (Critical)
2233

The OS watchdog timer expired.
The operating system or an application failed to communicate within the timeout period. No action was taken. (IPMI sensor type code 23h - offset 00h event 3:0 - 4h)
Recommended Response
Action

Category System Health (ASR = Auto Sys Reset)
Severity Severity 1 (Critical)
Trap/EventID 2233

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ASR0107

Message The OS watchdog timer pre-timeout interrupt was initiated.

Detailed Description The operating system or an application failed to respond to a pre-notification within the timeout period. (IPMI sensor type code 11h - offset 07h)

Recommended Response Action

Category System Health (ASR = Auto Sys Reset)
Severity Severity 1 (Critical)
Trap/EventID 2233

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### ASR0108

**Message**  
The system returned from an OS watchdog timer event.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (ASR = Auto Sys Reset)

**Severity**  
Severity 3 (Informational)

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### ASR200

**Message**  
The watchdog timer expired at arg1.

**Arguments**  
arg1 = day month date hh:mm:ss yyyy

**Detailed Description**  
The watchdog timer has expired at the date and time identified in the message, because iDRAC did not receive a response within the specified time.

**Recommended Response Action**  
To determine the correct cause of the exception, contact your service provider.

**Category**  
System Health (ASR = Auto Sys Reset)

**Severity**  
Severity 1 (Critical)

**OMSA Event ID**  
5006

**OMSA Trap ID**  
5006

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ASR201

Message
The watchdog timer restarted the system at arg1.

Arguments
arg1 = day month date hh:mm:ss yyyy

Detailed Description
The watchdog timer has restarted the system at the date and time identified in the message, because the operating system has crashed or hung.

Recommended Response
To determine the correct cause of the exception, contact your service provider

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

OMSA Event ID
5006

ASR202

Message
The watchdog timer turned off the system at arg1.

Arguments
arg1 = day month date hh:mm:ss yyyy

Detailed Description
The watchdog timer has turned off the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.

Recommended Response
To determine the correct cause of the exception, contact your service provider

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)
The watchdog timer performed an AC power cycle on the system at \textit{arg1}.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = \textit{day month date hh:mm:ss yyyy}

\textbf{Detailed Description} The watchdog timer has performed an AC power cycle on the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.

\textbf{Recommended Response} To determine the correct cause of the exception, contact your service provider.

\textbf{Category} System Health (ASR = Auto Sys Reset)

\textbf{Severity} Severity 1 (Critical)

ASR8500

Watchdog timer is disabled.

Watchdog timer is disabled. The watchdog timer is an internal mechanism used to monitor the health of the Chassis Management Controller. The watchdog timer could be disabled as part of a troubleshooting operation and can be enabled by restarting the Chassis Management Controller.
**Recommended**

No response action required.

**Response Action**

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 3 (Informational)

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BAR Event Messages

BAR001

Message
Export System Profile requested.

Detailed Description
A system profile export operation has been requested.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC

BAR002

Message
Validating vFlash Backup partition.

Detailed Description
The system profile Backup partition detection operation is in progress.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC
BAR003

Message
Preparing vFlash Backup partition.

Detailed Description
The Backup partition is being created for storing the backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

BAR004

Message
Collecting Hardware Inventory information.

Detailed Description
Hardware Inventory data is being collected and copied into the backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)
BAR005

Message
Collecting Lifecycle Controller data.

Detailed Description
The Lifecycle Controller data is being collected and copied into the backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

BAR006

Message
Finalizing Backup file.

Detailed Description
The system profile backup file is being finalized and closed.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)
BAR007

Message: Export System Profile completed.

Detailed Description: System profile export operation is successfully completed.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

BAR008

Message: Invalid Backup file passphrase provided.

Detailed Description: The passphrase provided is invalid.

Recommended Response Action: Verify the request parameters and retry. Check passphrase for rule validity. NOTE: A valid passphrase contains 8 to 32 characters. It must include a combination of uppercase and lowercase letters, numbers, and symbols without spaces.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)
BAR009

Message Valid vFlash media not present.
Detailed Description The vFlash media is not present on the system.
Recommended Response Insert the appropriate vFlash media in the designated vFlash portal, enable and initialize it, and retry.
Category Configuration (BAR = Backup/Restore)
Severity Severity 1 (Critical)

BAR010

Message Unable to create Backup partition on vFlash media.
Detailed Description The Backup partition creation operation did not complete successfully.
Recommended Response Make sure that the vFlash media is not write-protected. Enable and initialize the vFlash media, retry backup. If that fails, try new vFlash media or use the Network Share option(s).
Category Configuration (BAR = Backup/Restore)
Severity Severity 1 (Critical)
### BAR011

**Message**
Unable to collect Hardware Inventory information.

**Detailed Description**
Hardware Inventory data collection and export did not complete successfully.

**Recommended Response Action**
Enter system services to enter Unified Server Configurator (USC), and select exit and reboot option in USC to instantiate the database, if Collect System Inventory on Restart (CSIOR) is not enabled. If the hardware inventory database is present, restart the Integrated Remote Access Controller (iDRAC) and retry.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

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### BAR012

**Message**
Unable to collect Lifecycle Controller data.

**Detailed Description**
Lifecycle Controller data collection and export has failed.

**Recommended Response Action**
Do the following: 1) Download and apply the Dell Update Package (DUP) for USC. 2) Run System Services to update the database if CSIOR is not enabled. 3) Reboot the system and retry. If the issue persists after performing these operations, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)
### BAR013

**Message**
Host System Shutdown unsuccessful.

**Detailed Description**
The request to shut the Host system down did not complete successfully.

**Recommended Response**
Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

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### BAR014

**Message**
Backup file or partition access error.

**Detailed Description**
Unable to access the server profile Backup file and the operation cannot continue. This can be due to a media error or loss of connectivity.

**Recommended Response**
If using vFlash media replace media and try again. If a network share, make sure there is connectivity to and existence of the destination.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

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**BAR015**

**Message**
Backup file data processing error.

**Detailed Description**
The Backup file information was not properly processed and the operation cannot continue. This can be due to resource constraints within the processing environment. If the network share is read only, this error will be thrown also.

**Recommended Response Action**
If this is backup to network share, check to make sure network share is read/write accessible. Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

---

**BAR016**

**Message**
Import System Profile requested.

**Detailed Description**
A system profile import operation has been requested.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)
BAR017

Message
Backup file validation requested.

Detailed Description
A system profile backup file validation has been requested.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

BAR018

Message
Backup file validation completed.

Detailed Description
A system profile backup file validation request has completed.

Recommended Response Action
No response action is required.
BAR019

**Message**
Validating Restore operation, allow several minutes for this to complete.

**Detailed Description**
A system profile backup file validation is in progress.

**Recommended Response**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

BAR020

**Message**
Restoring Lifecycle Controller data.

**Detailed Description**
The Lifecycle Controller data is being imported from the backup file.
**Recommended Response Action**

No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

**BAR021**

**Message**
Insufficient space on network share.

**Detailed Description**
The system profile export could not complete successfully as there is insufficient space on the network share or connectivity was lost.

**Recommended Response Action**
> Delete files to free up 384 MB of space on the current network share, or specify another destination that has enough space.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

---

**BAR022**

**Message**
System powering up to perform component updates.
**Detailed Description**
The host system is powering up to perform component firmware and configuration restoration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**Message**
Starting component updates.

**Detailed Description**
The process is entering the component update phase of the restore operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**BAR023**
BAR024

Message: Initializing Restore operation.

Detailed Description: The restoration environment is being initialized.

Recommended Response: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

BAR025

Message: Restoring Component Firmware.

Detailed Description: For each component with firmware, an update is in progress.

Recommended Response: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)
BAR026

Message: Restoring Component Configuration.

Detailed Description: The configuration is being set for each component.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

BAR027

Message: Host System Component Restore complete, shutting down Host System.

Detailed Description: The component restoration on the host system is complete. The Host System will shutdown.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)
### BAR028

**Message**
Host System Component Restore completed with errors, shutting down Host System.

**Detailed Description**
The component restoration on the host system has completed, but there were errors. The Host System will shutdown.

**Recommended Response**
View configuration data and request attributes update for the components or retry system profile import.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 2 (Warning)

### BAR029

**Message**
Restoring Integrated Remote Access Controller firmware.

**Detailed Description**
The Integrated Remote Access Controller firmware and configuration import is in progress.

**Recommended Response**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)
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**BAR030**

**Message**
Import System Profile Complete, restarting Integrated Remote Access Controller.

**Detailed Description**
The import system profile is complete. iDRAC restarts to complete restore.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**BAR031**

**Message**
RESERVED

**Detailed Description**
RESERVED

**Recommended Response Action**
RESERVED

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)
BAR032

Message: Invalid system profile backup file.

Detailed Description: The system profile backup file validation did not complete successfully.

Recommended Response Action: Do one of the following: 1) An incorrect passphrase may have been entered, correct the input and retry the operation. 2) Download a valid backup image of the host system and retry. 3) Reboot the Integrated Remote Access Controller (iDRAC) and retry. 4) Download a new firmware image for the iDRAC and retry.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

BAR033

Message: Unable to Restore Lifecycle Controller data.

Detailed Description: A Lifecycle Controller internal data import operation did not complete successfully.

Recommended Response Action: Do the following: 1) Download and apply the Dell Update Package for the Unified Server Configurator (USC). 2) Run System Services to update the database if CSIOR is not enabled. 3) Reboot the system and retry the operation. If these response actions do not resolve the issue, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.
BAR034


Detailed Description: The Integrated Remote Access Controller (iDRAC) firmware import did not complete successfully.

Recommended Response: Download the firmware for the Integrated Remote Access Controller (iDRAC) and apply it.

BAR035


Detailed Description: The Integrated Remote Access Controller (iDRAC) Configuration import did not complete successfully.
**Recommended Response Action**
Manually reset the Integrated Remote Access Controller (iDRAC) configuration.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

---

**BAR036**

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery initiated.

**Detailed Description**
A system profile import did not complete successfully and has left the system in an unusable state. Attempting to setup the environment for normal operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

**BAR037**

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery completed.
Detailed Description: Adjustments to Lifecycle and Integrated Remote Access Controller environments are complete.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

---

**iDRAC** ✔*

**CMC**

**BAR038**

Message: Cancel.

Detailed Description: Cancel the operation in progress.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

---

**iDRAC** ✔

**CMC**

**LC Log**  **LCD**  **OS Log**  **Power Off**  **Power Cycle**  **Reset**  **Chassis Event Proxy**

**iDRAC** ✔*

**CMC**
BAR039

Message: License not present.
Detailed Description: The license required for operation is not present.
Recommended Response: Use supported vFlash media and licensing for this feature, and try the operation again.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | |
CMC | | | | | |

BAR040

Message: Unable to access vFlash.
Detailed Description: Access to the vFlash media is not possible, or has been denied.
Recommended Response: Make sure the vFlash SD media is enabled, not write protected, and initialized. Retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | |
CMC | | | | | |
**BAR041**

**Message**  
System Shutdown.

**Detailed Description**  
Shutting down host system.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

**Filter Visibility**  
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**BAR042**

**Message**  
Lifecycle Controller Disabled.

**Detailed Description**  
Lifecycle Controller/System services are not available. There is another operation using the resources at this time.

**Recommended Response Action**  
Wait for the other operation to release the resources, as indicated by the System Services option presence and retry the operation.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)
BAR043

Message: Timeout waiting for Unified Server Configurator to exit.

Detailed Description: A timeout occurred waiting for the Unified Server Configurator (USC) to exit.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)
BAR045

**Message**
Powering down the Host System for Integrated Remote Access Controller Restore.

**Detailed Description**
The host system is powering down to facilitate the import of the Integrated Remote Access Controller system profile.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

BAR046

**Message**
Host System will power up approximately 10 minutes after Integrated Remote Access Controller Restore (iDRAC).

**Detailed Description**
The Integrated Remote Access Controller (iDRAC) is preparing to switch over to the recently loaded firmware. During this switch over, the connection to iDRAC is lost. The server will startup after iDRAC restarts.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)
### BAR047

**Message**
System Profile operation canceled by user.

**Detailed Description**
The System Profile operation was canceled as part of a clean up operation performed during a restart of the Integrated Remote Access Controller.

**Recommended Response**
Resubmit the System Profile operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

### BAR048

**Message**
System Service Tag not present.

**Detailed Description**
The server motherboard does not have a Service Tag assigned, the operation cannot continue.

**Recommended Response**
Perform a System Profile import from a previous backup file. If no backup file is available, contact your service provider.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)
BAR049

Message  Automatic Host System power up setup failed.
Detailed Description  The automatic Host System power up request has erred and the system will not power up after the Integrated Remote Access Controller has restarted.
Recommended Response  As indicated by the job status, wait for restore to complete. After the status displays Complete or Failed, wait for a few minutes for the Integrated Remote Access Controller (iDRAC) to restart. After restart, power on the Host System using iDRAC.
Category  Configuration (BAR = Backup/Restore)
Severity  Severity 2 (Warning)

BAR050

Message  Performing Firmware Restore for Device : \texttt{arg1}
Arguments  \texttt{arg1} = device name
Detailed Description  The firmware update for the specified device in progress.
Recommended Response  No response action is required.
Category  Configuration (BAR = Backup/Restore)
BAR051

Message: Performing Component Configuration Restore for Device: arg1
Arguments: arg1 = device name
Detailed Description: The configuration import for the specified device is in progress.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)

BAR052

Message: Firmware update cannot be performed for Device: arg1
Arguments: arg1 = device name
Detailed Description: The required device firmware was not found, and the update cannot continue. The device firmware is either not present on the firmware storage partition or does not match the version stored in the configuration information database. No response action is required, however obtaining and installing the update package for the
device indicated will update the firmware storage partition. A backup of the server profile is recommended after updating.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 3 (Informational)

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**BAR053**

**Message**

Restoring Firmware on Device: \(\text{arg1}\)

**Arguments**

\(\text{arg1} = \text{device name}\)

**Detailed Description**

Restoring device firmware on the device identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 3 (Informational)

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172
BAR054

Message
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery unsuccessful.

Detailed Description
The attempt to clean up after an unsuccessful Backup/Restore of a system profile operation has not been successful. The Lifecycle Controller/System Services related operations may not execute as expected until the system is properly restored to a functional configuration.

Recommended Response Action
Enter the iDRAC configuration utility. Select the System Services option in the main selection screen. Choose the Cancel Lifecycle Controller Actions / Cancel System Services operation and follow the directions to ensure this operation is performed. If Cancel Lifecycle Controller Actions / Cancel System Services is not available, remove power from the system, wait 1 minute and reapply power. If the issue persists, contact your technical service provider.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

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BAR055

Message
Previously stored configuration values not applied to Device: arg1

Arguments
arg1 = device name

Detailed Description
Attempted configuration import was not successful for the specified device.

Recommended Response Action
The system event log captures the values that were not set, and must be reset manually.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)
BAR056

Message: Component Configuration Restored on Device: arg1
Arguments: arg1 = device name
Detailed Description: The configuration import was successful for the specified device.
Recommended Response: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)

BAR057

Message: Some of the configuration values not applied to Device: arg1
Arguments: arg1 = device name
Detailed Description: The configuration import was completed, but some of the imported values were not set correctly.
Recommended Response: The system event log captures the values that were not set, and they must be reset manually.
BAR058

**Message**
Validating NFS destination access.

**Detailed Description**
The system profile import or export network destination is being tested for access.

**Recommended Response**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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BAR059

**Message**
Validating CIFS destination access.

**Detailed Description**
The system profile import or export network destination is being tested for access.
**BAR060**

**Message**
Collecting firmware inventory information.

**Detailed Description**
Collecting firmware inventory and copying it into the system profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**BAR061**

**Message**
Collecting System Information.
**Detailed Description**
Collecting system information and copying it into the backup file. The operation collects system information that includes System Model and Service Tag.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

**BAR062**

**Message**
Collecting Lifecycle Controller Configuration database.

**Detailed Description**
Collecting the Lifecycle Controller configuration database and copying it into the server profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**LC Log**

| iDRAC | ✔ |

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**LCD**

| CMC |

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**OS Log**

| CMC |

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**Power Off**

| CMC |

---

**Power Cycle**

| CMC |

---

**Reset**

| CMC |

---

**Chassis Event Proxy**

| CMC |

---

177
BAR063

**Message**
Collecting Lifecycle Controller Firmware images.

**Detailed Description**
Collecting the Lifecycle Controller firmware images and copying them in the server profile backup file.

**Recommended Response**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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BAR064

**Message**
Collecting Integrated Remote Access Controller firmware.

**Detailed Description**
Collecting the Integrated Remote Access Controller firmware and copying it in the server profile backup file.

**Recommended Response**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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### BAR065

**Message**
Collecting Integrated Remote Access Controller configuration.

**Detailed Description**
Collecting the Integrated Remote Access Controller configuration and copying it into the server profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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**Bar**

**iDRAC**  ✔

**CMC**

### BAR066

**Message**
vFlash media not enabled.

**Detailed Description**
The system profile export destination is not enabled.

**Recommended Response Action**
Enable the vFlash media and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

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**Bar**

**iDRAC**  ✔

**CMC**
### BAR067

**Message**

vFlash media not initialized.

**Detailed Description**

The system profile export destination is not initialized.

**Recommended Response**

Initialize the vFlash media and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

### BAR068

**Message**

vFlash media not supported.

**Detailed Description**

The system profile export destination is not supported.

**Recommended Response**

Insert, enable and initialize supported vFlash media and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)
BAR069

Message  
Insufficient space on vFlash media.

Detailed Description  
The system profile export did not complete successfully because there is insufficient space on the vFlash media.

Recommended Response  
Delete partitions and free up 384 MB of space on the current vFlash media, or use new vFlash media.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 1 (Critical)

BAR070

Message  
NFS Destination access denied.

Detailed Description  
Access to the NFS export/import destination is not possible or has been denied.

Recommended Response  
Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 1 (Critical)
BAR071

Message: CIFS Destination access denied.
Detailed Description: Access to the CIFS export/import destination is not possible or has been denied.
Recommended Response: Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)

BAR072

Message: Format of vFlash Backup partition unsuccessful.
Detailed Description: The vFlash backup partition format operation was not successful.
Recommended Response: Enable and initialize the vFlash media and retry the export. If the issue persists, try a new vFlash media or use the network share option(s).
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
BAR073

**Message**
Delete of vFlash Backup partition unsuccessful.

**Detailed Description**
The operation to delete the vFlash backup partition did not complete successfully.

**Recommended Response**
Enable and initialize the vFlash media and retry the export. If the error continues, try a new vFlash media or use the network share option(s).

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

---

BAR074

**Message**
Unable to collect Firmware Inventory information.

**Detailed Description**
The collection and export of firmware inventory data did not complete successfully.

**Recommended Response**
Apply the Dell Update Package for Unified Server Configurator (USC). If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)
BAR075

Message
Unable to collect System information.

Detailed Description
The collection and export of system information failed.

Recommended Response
Restart the remote access controller, and retry the operation. If the error continues, use the remote access controller firmware to try the operation again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

BAR076

Message
Unable to collect the Configuration database.

Detailed Description
The collection and export of Lifecycle Controller Configuration Database failed.

Recommended Response
Enter System Services in USC, and select Exit and Reboot to reset and update the database. If the error continues repair the Lifecycle Controller, apply the Dell Update Packages for USC, diagnostics, device firmware and driver pack and retry the operation.

Category
Configuration (BAR = Backup/Restore)
BAR077

Message
Unable to collect the Firmware images.

Detailed Description
The collection and export of host system firmware images was not successful.

Recommended Response
Apply Dell Update Packages for all devices and software, and try the operation again. If the error continues, repair the Lifecycle Controller and apply the packages again, and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

BAR078

Message
Unable to collect the Integrated Remote Access Controller firmware.

Detailed Description
The collection and export of Integrated Remote Access Controller (iDRAC) firmware was not successful.

Recommended Response
Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.
BAR079

Message: Unable to collect the Integrated Remote Access Controller configuration.

Detailed Description: The collection and export of Integrated Remote Access Controller configuration was not successful.

Recommended Response Action: Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.

BAR080

Message: Restoring Lifecycle Controller Configuration database.

Detailed Description: Importing the Lifecycle Controller configuration database from the system profile backup file.
**BAR081**

**Message**
Restoring Lifecycle Controller Firmware images.

**Detailed Description**
Importing the Lifecycle Controller firmware image data is from the system profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

**BAR082**

**Message**
Restoring Remote Access Controller configuration.
Remote access controller firmware and configuration import in progress.

No response action is required.

Configuration (BAR = Backup/Restore)

Severity 3 (Informational)

Host System Model does not match the Backup file System Model information.

System profile backup file validation failed because the host system model information does not match the value stored in the file.

Obtain a valid host system backup image and try the operation again. Reboot the remote access controller and try the operation again. If the error continues, download a new remote access controller firmware image and try the operation again.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)
BAR084

Message               Host System Service Tag does not match the Backup file Service Tag.
Detailed Description  System profile backup file validation failed because the host system service tag
                      information does not match the value stored in the file.
Recommended Response  Obtain a valid host system backup image and try the operation again. Reboot the
                      remote access controller and try the operation again. If the error continues,
                      download a new remote access controller firmware image and try the operation
                      again.
Category              Configuration (BAR = Backup/Restore)
Severity              Severity 1 (Critical)

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BAR085

Message               Unable to collect System Information for Import Backup file validation.
Detailed Description  The validation of the system profile backup file has failed. The retrieval of system
                      information to validate the backup file has failed.
Recommended Response  Restart the remote access controller, and retry the operation. If the error continues,
                      use the remote access controller firmware to try the operation again.
Category              Configuration (BAR = Backup/Restore)
Severity              Severity 1 (Critical)

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BAR086

Message
Unable to Restore The Lifecycle Controller Configuration database.

Detailed Description
The system profile import of Lifecycle Controller configuration data has failed.

Recommended Response
If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

BAR087

Message
Unable to Restore the Lifecycle Controller Firmware images.

Detailed Description
The system profile import of Lifecycle Controller firmware images has failed.

Recommended Response
Apply the Dell Update Package for this system. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)
BAR088

Message  No partitions available on vFlash media.
Detailed Description  The maximum number of partitions are already in use.
Recommended Response  Delete partitions and free up 384MB of space on the current vFlash media or obtain new vFlash media.
Category  Configuration (BAR = Backup/Restore)
Severity  Severity 1 (Critical)

BAR089

Message  Lifecycle Controller needs to be updated.
Detailed Description  A problem has been detected with the installation of the Unified Server Configurator (USC). This needs to be corrected before a valid Backup file can be created.
Recommended Response  Obtain the Dell update package for the Unified Server Configurator and apply it. Then perform a Backup operation to save this data, for later restore.
Category  Configuration (BAR = Backup/Restore)
Severity 1 (Critical)

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BAR090

Message  
System Profile Backup requested.

Detailed Description  
A request to create a System Profile Backup file has been made by the user of the Unified Server Configurator interface.

Recommended Response Action  
No response action is required.

Category  
Configuration (BAR = Backup/Restore)

Severity  
Severity 3 (Informational)

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BAR091

Message  
System Profile Backup completed.

Detailed Description  
A System Profile Backup request made by the user of the Unified Server Configurator interface has completed.

Recommended Response Action  
No response action is required.
## BAR092

**Message**  
Disconnect from NFS unsuccessful.

**Detailed Description**  
The attempt to disconnect from the specified NFS location was not successful.

**Recommended Response**  
If this happens on a backup request, restart the Integrated Remote Access Controller and try the operation again. If this is a restore request the Integrated Remote Access will be restarted during the execution of the request. Only restart the Integrated Remote Access Controller if it does not restart on its own.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)

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### LC Log

- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

### iDRAC

- ✔

### CMC

- ✔

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## BAR093

**Message**  
Disconnect from CIFS unsuccessful.

**Detailed Description**  
The attempt to disconnect from the specified CIFS location was not successful.
<table>
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**BAR094**

**Message**

Another Backup operation already in progress.

**Detailed Description**
The request to create a System Profile Backup file did not complete successfully because there is already a request in progress.

**Recommended Response Action**
If possible monitor the in progress job for completion and then retry the request. If that is not possible try clearing all jobs and try the request again. If the issue persists, restart the Integrated Remote Access Controller (iDRAC) and try the request again.

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**BAR095**

**Message**

Another Restore operation already in progress.
The request to restore a System Profile from a Backup file did not complete successfully because there is already a request in progress.

If possible monitor the in progress job for completion and then retry the request. If that is not possible try clearing all jobs and try the request again. If the issue persists, restart the Integrated Remote Access controller and try the request again.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

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**BAR096**

BIOS incompatibility detected.

The current BIOS firmware installed on the system does not have Backup and Restore feature support.

Obtain the System BIOS firmware with Backup and Restore support, update the system and try the operation again.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

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BAR097

Message: Lifecycle Controller Unified Server Configurator incompatibility detected.

Detailed Description: The current Lifecycle Controller Unified Server Configurator software installed on the system does not have Backup and Restore feature support.

Recommended Response: Obtain the Lifecycle Controller Unified Server Configurator update package with Backup and Restore support, update the software and try the operation again.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

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BAR098

Message: Invalid System Service Tag.

Detailed Description: The Service Tag installed on the system is invalid. The Backup and Restore feature will not operate without a valid Service Tag.

Recommended Response: Contact your service provider.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Filter Visibility

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BAR099

Message: Collecting License data.

Detailed Description: License data is being collected and copied into the backup Server Profile.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

BAR100

Message: Unable to collect License data.

Detailed Description: An error occurred accessing license data. Cannot collect license data to copy to Server Profile backup file.

Recommended Response Action: Refer to License Management documentation for re-installation of license(s) instructions and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)
BAR101

Message
Restoring License data.

Detailed Description
Importing license data from the backup Server Profile.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

BAR102

Message
Unable to restore license data.

Detailed Description
Unable to import license data from the backup Server Profile.

Recommended Response Action
Refer to iDRAC User Guide documentation license installation instructions and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)
### BAR103

**Message**
Collecting system branding data.

**Detailed Description**
System branding data is being collected and copied to the backup Server Profile.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

### BAR104

**Message**
Unable to collect system branding data.

**Detailed Description**
Unable to collect system branding data to copy to backup Server Profile.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)
BAR105

**Message**
Restoring system branding data.

**Detailed Description**
Importing system branding data from the Server Profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

---

**Filter Visibility**
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

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BAR106

**Message**
Unable to restore system branding data.

**Detailed Description**
Unable to import system branding data from the backup Server Profile.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)
BAR107

Message: vFlash media reader license not present.
Detailed Description: The vFlash media reader requires a license to function.
Recommended Response: Obtain the license for vFlash media from your service provider. Install the license and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)

BAR108

Message: License to Export and Import Server Profile not present.
Detailed Description: The license required for Server Profile Import and Export operations to function is not present.
Recommended Response: Obtain the license for Server Profile Export and Import, install the license and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
BAR109

Message
OEMDRV partition is in use.

Detailed Description
The OEMDRV partition is mounted for performing operating system deployment use. This situation prevents the Export and Import Server Profile operation from continuing.

Recommended Response Action
Dismount the OEMDRV partition by selecting F10 during boot and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)
### BAR111

**Message**
Server Profile operation timed out.

**Detailed Description**
The Import or Export job did not complete successfully. The Import or Export operation timed-out while validating or transferring Server Profile data. Possible causes are loss of network connectivity, vFlash SD card access issues, or problems encountered with system power off and on.

**Recommended Response Action**
If the managed system does not turn off during Import, turn off the system and retry the operation. If the managed system turned off, restart the Remote Access Controller and retry the operation. If the export was to a network share verify the connection and try the operation again. If the export destination was the vFlash media, insert a new SD card and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

---

### BAR112

**Message**
The system identifier in the Server Profile file does not match the target system.

**Detailed Description**
Server Profile backup file validation failed because the target system identifier information does not match the value stored in the file. The Server Profile file may be from another system or the iDRAC may need to be restarted to acquire the system identifier information accurately.
**Recommended Response**
Obtain a valid Server Profile file for the target system and try the operation again. If the problem reoccurs, restart the iDRAC and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### iDRAC

### CMC

---

**BAR113**

**Message**
Unable to create an Automatic Backup job.

**Detailed Description**
The Automatic Backup job that was earlier schedule was not successfully created. This could be due to an invalid parameter entered to create the job.

**Recommended Response**
Using the iDRAC Web UI, select Server Profile from the navigation panel, and then the Automatic Backup tab. Clear Settings and reenter appropriate data, the select Schedule Backup to restart the Automatic Backup jobs. Using the RACADM CLI or WSMAN API, clear the scheduled backup settings and retry the Automatic Backup scheduling operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 2 (Warning)

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### iDRAC

### CMC

---

**BAR114**

**Message**
An Automatic Backup job arg1 is created.
Arguments  \( arg1 \) = job ID

Detailed Description  The Automatic Backup job identified in the message is created per the Server Profile automatic export schedule previously configured.

Recommended Response Action  No response action is required.

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 3 (Informational)

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BAR115

Message  The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1.

Detailed Description  The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1 which will overwrite the oldest backup file.

Recommended Response Action  No response action is required.

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 3 (Informational)

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### BAR116

**Message**
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

**Detailed Description**
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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### BAR117

**Message**
The iDRAC firmware cannot be restored due to hardware compatibility restraints.

**Detailed Description**
The firmware version for the iDRAC contained in the hardware Server Profile image is not compatible with this system hardware. Continue to use the installed firmware version or update to later versions if necessary.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

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BAT Event Messages

BAT0000

Message The system board battery is low.
Detailed Description System settings may be preserved if input power is not removed from the power supplies.
Recommended Response Action Check the system board battery at the next service window.
Category System Health (BAT = Battery Event)
Severity Severity 2 (Warning)
Trap/EventID 2226

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BAT0001

Message The system board battery is operating normally.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (BAT = Battery Event)
Severity Severity 3 (Informational)
Trap/EventID 2227
OMSA Event ID 5702
OMSA Trap ID 5702
BAT0002

Message
The system board battery has failed.

Detailed Description
System settings may be preserved if input power is not removed from the power supplies.

Recommended Response
Check the system board battery.

Category
System Health (BAT = Battery Event)

Severity
Severity 1 (Critical)

Trap/EventID
2225

LCD Message
System board battery has failed. Check battery

OMSA Event ID
57,045,705

OMSA Trap ID
5704

BAT0003

Message
The system board battery is present.

Detailed Description
None
**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

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**BAT0004**

**Message**
The system board battery is absent.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery to confirm presence.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
System board battery is absent. Check battery

**OMSA Event ID**
5700

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**BAT0005**

**Message**
The storage battery is low.

**Detailed Description**
The system has to remain powered on to charge the battery.

**Recommended Response**
Allow the PERC RAID controller battery to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2226

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**BAT0006**

**Message**
The storage battery is operating normally.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

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BAT0007

**Message**
The storage battery has failed.

**Detailed Description**
The PERC RAID controller battery may have failed because of thermal exceptions.

**Recommended Response**
1) Verify the PERC RAID controller battery installation. 2) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Storage battery has failed. Check battery.

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**BAT0008**

**Message**
The storage battery is present.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227
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**BAT0009**

**Message**

The storage battery is absent.

**Detailed Description**

The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

**Recommended Response**

1) Verify the PERC RAID controller battery installation. 2) If installed, reseat or reconnect the battery and cables. 3) Check the system logs for thermal related issues.

**Category**

System Health (BAT = Battery Event)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2225

**LCD Message**

Storage battery is absent. Check battery.

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**BAT0010**

**Message**

The storage battery for disk drive bay *arg1* is low.

**Arguments**

*arg1* = bay

**Detailed Description**

The system has to remain powered on to charge the battery.
**Recommended Response Action**

Allow the PERC RAID controller battery for the associated bay to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (BAT = Battery Event)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2226

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**BAT0011**

**Message**
The storage battery for disk drive bay arg1 is operating normally.

**Arguments**

arg1 = bay

**Detailed Description**

None

**Recommended Response Action**

Verify the battery installation, check the system logs for thermal related issues.

**Category**

System Health (BAT = Battery Event)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2227

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**BAT0012**

**Message**
The storage battery for disk drive bay `arg1` has failed.

**Arguments**
`arg1 = bay`

**Detailed Description**
The PERC RAID controller battery may have failed because of thermal exceptions.

**Recommended Response**
1) Verify the PERC RAID controller battery installation for the associated bay. 2) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Battery for disk drive bay <bay> has failed. Check battery.

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**BAT0013**

**Message**
The storage battery for disk drive bay `arg1` is present.

**Arguments**
`arg1 = bay`

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227
BAT0014

**Message**
The storage battery for disk drive bay \textit{arg1} is absent.

**Arguments**
\textit{arg1} = bay

**Detailed Description**
The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

**Recommended Response**
1) Verify the PERC RAID controller battery installation for the associated bay. 2) If installed, reseat or reconnect the battery and cables. 3) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Battery for disk drive bay <bay> is absent. Check battery.

BAT0015

**Message**
The \textit{arg1} battery is low.

**Arguments**
\textit{arg1} = name

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.
Recommended Response Action

Category System Health (BAT = Battery Event)
Severity Severity 2 (Warning)
Trap/EventID 2226

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC

BAT0016

Message The arg1 battery is operating normally.
Arguments arg1 = name
Detailed Description None
Recommended Response Action

Category System Health (BAT = Battery Event)
Severity Severity 3 (Informational)
Trap/EventID 2227

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC
BAT0017

Message: The arg1 battery has failed.

Arguments: arg1 = name

Detailed Description: System settings may be preserved if input power is not removed from the power supplies.

Recommended Response: Check the battery.

Category: System Health (BAT = Battery Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2225

LCD Message: The <name> battery has failed. Check battery.

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔ ✔ ✔

BAT0018

Message: The arg1 battery is present.

Arguments: arg1 = name

Detailed Description: None

Recommended Response: No response action is required.

Category: System Health (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2227
**BAT0019**

**Message**
The arg1 battery is absent.

**Arguments**
arg1 = name

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response**
Check the battery to confirm presence.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
The <name> battery is absent. Check battery.

---

**BAT0030**

**Message**
The system board battery is reading low.

**Detailed Description**
The system battery level is low, and if the input power is disconnected, the system settings will not be preserved.
**Recommended Response Action**

Replace the the battery.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
5703

**OMSA Trap ID**  
5703

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### Message

The system board battery status is unknown.

**Detailed Description**

The system battery level is unknown, and if the input power is disconnected, the system settings will not be preserved.

**Recommended Response Action**

Replace the the battery.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
5701

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### BAT0031

**Message**

The system board battery status is unknown.

**Detailed Description**

The system battery level is unknown, and if the input power is disconnected, the system settings will not be preserved.

**Recommended Response Action**

Replace the the battery.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**OMSA Event ID**  
5701

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220
**BAT1000**

**Message**  
Battery on arg1 is missing.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The controller cannot communicate with the battery. The battery is absent or improperly connected. A battery with a weak or depleted charge may also cause this message.

**Recommended Response**  
Verify that the device is present and then check the cables. See the storage hardware documentation to verify cabling. In addition check the connection to the controller battery and the battery health. A battery with a weak or depleted charge may cause this message.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4274

**OMSA Event ID**  
2264

**OMSA Trap ID**  
75300;80300;85300;90300;95300;100300;105300;110300;115300;120300

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**BAT1001**

**Message**  
Battery on arg1 was replaced.

**Arguments**  
arg1 = controller name

**Detailed Description**  
A controllers battery was replaced.

**Recommended Response**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275
BAT1002

Message
The battery on arg1 learn cycle has started.

Arguments
arg1 = controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2176

OMSA Trap ID
115100
BAT1003

**Message**
The battery on arg1 learn cycle has completed.

**Arguments**
arg1 = controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2177

**OMSA Trap ID**
115100

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BAT1004

**Message**
The battery on arg1 learn cycle has timed out.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller battery must be fully charged before the learn cycle can begin. The battery may be unable to maintain a full charge causing the learn cycle to timeout. In addition, the battery must be able to maintain cached data for a specified period of time in the event of a power loss. For example, some batteries maintain cached data for 24 hours. If the battery is unable to maintain cached data for the required period of time, then the Learn cycle will timeout.

**Recommended Response Action**
Replace the battery pack. The battery is unable to maintain a full charge.

**Category**
Storage (BAT = Battery Event)
BAT1005

Message
The battery on arg1 learn cycle has been postponed.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2179

OMSA Trap ID
115100

---

BAT1005

Message
The battery on arg1 learn cycle has been postponed.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2179

OMSA Trap ID
115100

---
BAT1006

Message
The battery on arg1 learn cycle will start in arg2 days.

Arguments
arg1 = Controller name, arg2 = arg

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2180

OMSA Trap ID
115100

---

BAT1007

Message
The battery on arg1 learn cycle will start in arg2 hours.

Arguments
arg1 = Controller name, arg2 = arg

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2181
BAT1008

Message
Write policy on arg1 was changed to Write Through.

Arguments
arg1 = controller name

Detailed Description
The controller battery cannot maintain cached data for the required period of time. For example, if the required period of time is 24 hours, then the battery cannot maintain cached data for 24 hours.

Recommended Response
Verify the battery health is good. See the storage hardware documentation to verify battery health. Contact technical support.

Category
Storage (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
4274

OMSA Event ID
2188

OMSA Trap ID
115300

BAT1009

Message
Write policy on arg1 was changed to Write Back.
Arguments: arg1 = controller name

Detailed Description: The controller battery health has returned to normal.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2189

OMSA Trap ID: 115100

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**BAT1010**

Message: Battery on arg1 requires reconditioning. Initiate a learn cycle.

Arguments: arg1 = Controller name

Detailed Description: Battery is in warn only mode and requires reconditioning.

Recommended Response Action: Start a learn cycle on the battery.

Category: Storage (BAT = Battery Event)

Severity: Severity 2 (Warning)

Trap/EventID: 4274

OMSA Event ID: 2210

OMSA Trap ID: 115300
### BAT1011

**Message**  
Battery on arg1 is in warn only mode and requires reconditioning.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2104

**OMSA Trap ID**  
115100
**Detailed Description**
Diagnostic event for service to determine if there is an ambient temperature problem.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

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**Message**
Recharge count has exceeded the maximum limit for battery on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The battery cannot be recharged further.

**Recommended Response Action**
Replace the battery pack.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2213

**OMSA Trap ID**
115300

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BAT1014

Message  
arg1 battery charge in-progress.

Arguments  
arg1 = Controller name

Detailed Description  
Diagnostic event for service to determine if there is an ambient temperature problem.

Recommended Response Action  
No response action is required.

Category  
Storage (BAT = Battery Event)

Severity  
Severity 3 (Informational)

Trap/EventID  
4275

OMSA Event ID  
2214

OMSA Trap ID  
115100

BAT1015

Message  
arg1 battery charge process is interrupted.

Arguments  
arg1 = Controller name

Detailed Description  
Diagnostic event for service to determine if there is an ambient temperature problem.

Recommended Response Action  
No response action is required.

Category  
Storage (BAT = Battery Event)
### BAT1016

**Message**
The arg1 battery learn mode has changed to Auto.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2216

**OMSA Trap ID**
115100

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231
BAT1017

Message  The arg1 battery learn mode has changed to Warn.
Arguments  arg1 = Controller name
Detailed Description  This alert is provided for informational purposes.
Recommended Response  No response action is required.
Category  Storage (BAT = Battery Event)
Severity  Severity 3 (Informational)
Trap/EventID  4275
OMSA Event ID  2217
OMSA Trap ID  115100

```
Filter          IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
Visibility
iDRAC
CMC  ✔          ✔*        ✔          ✔*       

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC  ✔*        
CMC  ✔          ✔*        
```

BAT1018

Message  Battery on arg1 is degraded.
Arguments  arg1 = Controller name
Detailed Description  The temperature of the battery is high. This may be due to the battery being charged.
Recommended Response  If the battery is being charged, then charging the battery should be stopped until the battery cools down and charging should be resumed. If this is not case, then some other condition exists and should be investigated.
Category  Storage (BAT = Battery Event)
Severity  Severity 2 (Warning)
Trap/EventID  4274
OMSA Event ID  2246
BAT1019

**Message**

Battery on arg1 is charging.

**Arguments**

arg1 = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4275

**OMSA Event ID**

2247

**OMSA Trap ID**

115100
Arguments

arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2248

OMSA Trap ID
115100

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**BAT1021**

Message
The charge level for the battery on arg1 is below the normal threshold.

Arguments
arg1 = controller name

Detailed Description
The controller battery cannot maintain sufficient charge level to function properly or the battery is discharging.

Recommended Response
Check for other events related to the state of the battery. These may help determine the cause of this event.

Category
Storage (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
4274

OMSA Event ID
2278

OMSA Trap ID
115300
**BAT1022**

**Message**
arg1 battery recondition is completed.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2105

**OMSA Trap ID**
115100

**BAT1023**

**Message**
The charge level for the battery on arg1 is within normal limits.

**Arguments**
arg1 = controller name
Detailed Description  The battery health has returned to normal.

Recommended Response Action  No response action is required.

Category  Storage (BAT = Battery Event)

Severity  Severity 3 (Informational)

Trap/EventID  4275

OMSA Event ID  2279

OMSA Trap ID  115100

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

| iDRAC | ✓ | ✓ | ✓ | ✓ | ✓ |
| CMC   | ✓ | ✓* | ✓ | ✓* | ✓ |

Filter Visibility  LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC | ✓* | ✓ |
| CMC   | ✓ | ✓* |

BAT1024

Message  Errors detected with battery on arg1.

Arguments  arg1 = controller name

Detailed Description  The battery or the battery charger is not functioning properly. The battery may have an inadequate charge.

Recommended Response Action  Contact technical support.

Category  Storage (BAT = Battery Event)

Severity  Severity 2 (Warning)

Trap/EventID  4274

OMSA Event ID  2318

OMSA Trap ID  115300

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

| iDRAC | ✓ | ✓ | ✓ | ✓ | ✓ |
| CMC   | ✓ | ✓* | ✓ | ✓* | ✓ |
BAT1025

Message
arg1 is unable to recover cached data from the Battery Backup Unit (BBU).

Arguments
arg1 = controller name

Detailed Description
The controller was unable to recover data from the cache. This may indicate data loss has occurred.

Recommended Response
Verify that the battery is charged and in good health. See the hardware documentation for more information. When the battery charge is unacceptably low, the battery cannot maintain cached data. Data loss may also have occurred, restoring data from backups may be needed. Verify whether the battery has met its recharge limit. The battery may need to be recharged. Contact technical support if the issue persists.

Category
Storage (BAT = Battery Event)

Severity
Severity 1 (Critical)

Trap/EventID
4273

OMSA Event ID
2337

OMSA Trap ID
115400

BAT1026

Message
The arg1 has recovered cached data from the Battery Backup Unit (BBU).

Arguments
arg1 = controller name

Detailed Description
The controller has retrieved cached data.
**BAT1027**

**Message**
The battery on arg1 completed a charge cycle.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery successfully completed a charge cycle.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2358

**OMSA Trap ID**
115100

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```plaintext
238
```
**BAT1028**

**Message**
The battery voltage on arg1 is low.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller battery voltage is low. This may indicate that the battery is no longer protecting the controller cache.

**Recommended Response**
The battery needs to recharged. Wait 24 hours to see if the charge is restored.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2145

**OMSA Trap ID**
115300

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- **SNMP Alert**
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- **Remote System Log**
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**BAT1029**

**Message**
The battery on arg1 can no longer recharge.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller battery cannot recharge. The battery may have already recharged the maximum number of times or the battery charger may not be working.

**Recommended Response**
Contact technical support.

**Category**
Storage (BAT = Battery Event)
Severity 1 (Critical)
Trap/EventID 4273
OMSA Event ID 2169
OMSA Trap ID 115400

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓* ✓ ✓*

Filter Visibility LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✓* ✓
CMC ✓ ✓* ✓

**BAT1030**

**Message**
The arg1 battery charge level is normal.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

Trap/EventID 4275
OMSA Event ID 2170
OMSA Trap ID 115100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✓ ✓* ✓ ✓*
CMC ✓ ✓* ✓

Filter Visibility LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✓* ✓
CMC ✓ ✓* ✓
BAT1031

Message
The battery temperature on arg1 is above normal.

Arguments
arg1 = controller name

Detailed Description
The room temperature may be too hot. In addition, the system fan may be degraded or failed.

Recommended Response
Verify that the room temperature is normal and that fans are functioning properly.
See the storage hardware documentation for acceptable operating temperatures.

Category
Storage (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
4274

OMSA Event ID
2171

OMSA Trap ID
115300

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BAT1032

Message
The battery temperature on arg1 is normal.

Arguments
arg1 = controller name

Detailed Description
The battery temperature is within the normal operating range.

Recommended Response
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2172
BAT1033

Message
The battery on arg1 was removed.

Arguments
arg1 = controller name

Detailed Description
The controller cannot communicate with the battery. Either the battery was removed, or the contact point between the controller and the battery is degraded.

Recommended Response
Make sure that the battery is present and properly connected. If the battery is present, wait for a few minutes and re-check if the battery is detected. If the contact point between the battery and the controller is degraded, you must replace the battery, the controller, or both. Refer to the storage hardware documentation for information on how to safely access, or remove. Contact technical support if the issue persists.

Category
Storage (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
4274

OMSA Event ID
2174

OMSA Trap ID
115300
**BAT1034**

**Message**
The battery properties for arg1 have changed.

**Arguments**
arg1 = controller name

**Detailed Description**
One or more battery properties were modified.

**Recommended Response**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

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</tbody>
</table>

**BAT1035**

**Message**
The battery temperature on arg1 is above the normal operating temperature.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery temperature is above normal operating temperature.

**Recommended Response**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2212;2415

**OMSA Trap ID**
115100
### BAT1036

**Message**
The battery on arg1 is discharging.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery on the controller identified in the message is being discharged.

**Recommended Response**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)
BIOS Event Messages

BIOS001

Message: The command was successful.

Detailed Description: The command was successful.

Recommended Response Action: No response action is required.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 3 (Informational)

Filter Visibility

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Detailed Description: Unable to allocate required memory to perform the requested operation; see the inserted comment.

Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 1 (Critical)
BIOS003

Message Missing required parameter. Refer to the inserted comment.
Detailed Description An invalid number of arguments was passed to the method.
Recommended Response Action Enter all the required command parameters. Check documentation and try again.
Category Configuration (BIOS = BIOS Management)
Severity Severity 2 (Warning)

BIOS004

Message Invalid parameter value for arg1
Arguments arg1 = attribute name
Detailed Description The value for the specified parameter is invalid.
Recommended Response Action Verify that parameter values passed to the method are entered as they appear in the enumeration and parameter data type matches the documentation.
Category Configuration (BIOS = BIOS Management)
Severity Severity 2 (Warning)
BIOS005

Message: Mismatch in AttributeName and AttributeValue count

Detailed Description: The number of AttributeName and AttributeValue parameters do not match.

Recommended Response: Enter the same number of parameters for AttributeName and AttributeValue. Refer to documentation for method input parameter details.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 2 (Warning)
**BIOS007**

**Message**  
Configuration job already created, cannot create another configuration job on specified target until existing job is completed or is cancelled.

**Detailed Description**  
A configuration job is already created on the specified target. No further command is allowed until the existing job succeeds or the job is cancelled.

**Recommended Response**  
Wait for the job to complete. To continue with more set operations on the specified target, cancel the job and proceed.

**Category**  
Configuration (BIOS = BIOS Management)

**Severity**  
Severity 3 (Informational)

---

**BIOS008**

**Message**  
No pending data present to create a Configuration job.

**Detailed Description**  
No changes are available between the previous configuration and the current configuration. To create a configuration job, at least one attribute should be changed.
**Recommended Response**

Change the configuration of one or more attributes and then create a configuration job.

**Category**

Configuration (BIOS = BIOS Management)

**Severity**

Severity 3 (Informational)

---

**BIOS009**

**Message**

Lifecycle Controller is currently in use.

**Detailed Description**

Lifecycle Controller cannot gain access to internal storage because of use by another application or operation.

**Recommended Response**

Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**

Configuration (BIOS = BIOS Management)

**Severity**

Severity 3 (Informational)

---

**BIOS010**

**Message**

Lifecycle Controller is not enabled, cannot create Configuration job.
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

Configuration (BIOS = BIOS Management)
Severity 3 (Informational)
### BIOS012

**Message**
No pending data to delete.

**Detailed Description**
No changes to BIOS attribute data are available between the previous configuration and the current configuration.

**Recommended Response**
No response action is required.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

### BIOS013

**Message**
Invalid AttributeName *arg1*

**Arguments**
*arg1* = attribute name

**Detailed Description**
An unknown AttributeName was specified in the operation.

**Recommended Response**
Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)
**BIOS014**

**Message**

Invalid AttributeValue for AttributeName: arg1

**Arguments**

arg1 = attribute name

**Detailed Description**

AttributeValue may be invalid because of the following causes:
1) Length of new AttributeValue is not within required minimum length and maximum length
2) Value of new AttributeValue is not within required LowerBound and UpperBound
3) Value of new Attributevalue is not one of the possible values.

**Recommended Response**

Refer to the documentation on valid Attribute values.

**Category**

Configuration (BIOS = BIOS Management)

**Severity**

Severity 3 (Informational)

---

**BIOS015**

**Message**

AttributeValue cannot be changed to read only AttributeName arg1.

**Arguments**

arg1 = attribute name

**Detailed Description**

A set attribute operation was attempted on a read only attribute.
Recommended Response Action
No response action is required.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Filter Visibility
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IPMI Alert
| ✔ |

SNMP Alert
| ✔ |

Email Alert
| ✔ |

Remote System Log
| ✔ |

WS Eventing
| ✔ |

Message
AttributeValue cannot be changed for disabled AttributeName arg1.

Arguments
arg1 = attribute name

Detailed Description
A set attribute operation was attempted on a disabled attribute.

Recommended Response Action
No response action is required.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

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IPMI Alert
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SNMP Alert
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Email Alert
| ✔ |

Remote System Log
| ✔ |

WS Eventing
| ✔ |

Message
Unable to delete vFlash pending one-time boot configuration
Unable to delete vFlash pending one-time boot configuration.

Recommended Response Action
Remove AC power from system and after restoring AC power, retry the operation.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 1 (Critical)

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</table>

**BIOS018**

Message
Invalid BIOS Password.

Detailed Description
The BIOS password specified in the operation is not valid. A valid BIOS password must be made from the following: 0 to 32 characters in length, numbers 0 to 9, lowercase letters a to z, special characters <>|-,+/\.

Recommended Response Action
Retry the operation with a BIOS password that conforms with system BIOS password requirements.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

**BIOS021**

Message
Cannot authenticate BIOS password.

Detailed Description
The old BIOS password specified in the change BIOS password operation was incorrect.

Recommended Response Action
Retry the operation with correct old BIOS password.

Category
Configuration (BIOS = BIOS Management)
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<td>Cannot set the BIOS password. Password is disabled due to a jumper setting on the motherboard.</td>
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<td>Detailed Description</td>
<td>The BIOS password is disabled in the hardware using a jumper and can not be set. See the system owners manual for jumper location.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Change the jumper setting on the system board to enable changing the BIOS password.</td>
</tr>
<tr>
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No alerts are applicable for this message

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</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>BIOS024</th>
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</thead>
<tbody>
<tr>
<td>Message</td>
</tr>
<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>Recommended Response</td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Severity</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**BIOS025**

**Message**
Unable set the BIOS password as the BIOS password status is locked.

**Detailed Description**
The status of the password is Locked in BIOS and must be set to Unlocked for the operation to succeed.

**Recommended Response Action**
Change BIOS password status in the BIOS setup from Locked to Unlocked and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**BIOS026**

**Message**
Password status cannot be set to locked when a System Password change is pending.

**Detailed Description**
The status of the Password cannot be set to locked, because currently there is a System Password change is pending.

**Recommended Response Action**
Wait until the pending System Password change is applied or delete the pending System Password change and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**BIOS027**

**Message**
Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute arg1.

**Arguments**
arg1 = attribute name

**Detailed Description**
The attribute identified in the message cannot be set, because the password is currently being reset by using plain text. The BIOS password cannot be simultaneously configured by using plain text and a hash.

**Recommended Response Action**
Wait until the current password configuration process is completed, and then retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)
Unable to change the BIOS password using plain text because the password is currently being configured using a hash.

The BIOS password cannot be simultaneously configured by using plain text and a hash.

Wait until the current password configuration process is completed and retry the operation.

Configuration (BIOS = BIOS Management)
Severity 2 (Warning)

No alerts are applicable for this message

Unable to change the BIOS password because an Export Server Profile operation is already running.

The BIOS password cannot be configured because an Export Server Profile operation is already running.

Wait until the current export operation is completed, and then retry the operation.

Configuration (BIOS = BIOS Management)
Severity 2 (Warning)

No alerts are applicable for this message

Unable to change the BIOS password because an Import Server Profile operation is already running.
Detailed Description: The BIOS password cannot be configured because an Import Server Profile operation is already running.

Recommended Response Action: Wait until the current import operation is completed, and then retry the operation.

Category: Configuration (BIOS = BIOS Management)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

BIOS101

Message: Unable to read or change any of the system BIOS configuration settings.

Detailed Description: The system configuration data that BIOS exposes to Server Administrator is malformed or not available and Server Administrator is unable to read or change any of the system BIOS configuration settings.

Recommended Response Action: Power cycle the system and retry the operation. If the problem persists, reinstall the BIOS firmware Update Package.

Category: Configuration (BIOS = BIOS Management)
Severity: Severity 1 (Critical)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
---
iDRAC ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
---
iDRAC
CMC

BIOS102

Message: A system BIOS update is scheduled that requires a reboot.

Detailed Description: A BIOS update job is scheduled through the remote access controller, and the system must be rebooted to apply the update.

Recommended Response Action: Reboot the system to apply the BIOS update.

Category: Audit (BIOS = BIOS Management)
Severity 3 (Informational)

OMSA Event ID 5002

### BIOS103

**Message**
A previously scheduled system BIOS update is canceled.

**Detailed Description**
A previously scheduled BIOS update job is cancelled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**OMSA Event ID** 5003
BOOT Event Messages

BOOT001

Message: The command was successful.

Detailed Description: The command was successful.

Recommended Response Action: No response action is required.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

BOOT002

Message: Resource allocation error

Detailed Description: Unable to allocate required memory to perform the operation

Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

BOOT003

Message: Method not supported

Detailed Description: This operation is not supported on the current configuration.

Recommended Response Action: This operation is not supported on the current configuration, check documentation and try again

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>BOOT004</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid number of Boot Source arguments</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>An invalid number of source arguments was passed to the method.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check documentation and try again (details)</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (BOOT = BOOT Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th><strong>BOOT005</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Missing required parameter.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One or more of the invoked methods required parameters are missing.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check documentation for the method in question and try again.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (BOOT = BOOT Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th><strong>BOOT006</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid Boot Source InstanceID</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One or more of the Boot Source instance IDs does not contain valid data.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (BOOT = BOOT Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### BOOT007

**Message**
Boot Source does not belong to specified Boot Configuration

**Detailed Description**
One or more of the Boot Source instance IDs does not belong to the affected Boot Configuration.

**Recommended Response**
ChangeBootOrderByInstanceId only accepts Boot Sources from the impacted Boot Configuration. Verify that all source arguments belong to the desired Boot Configuration.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### BOOT008

**Message**
Source argument contains more devices than are present on the system

**Detailed Description**
More source arguments were provided than are available for the impacted Boot Configuration.

**Recommended Response**
Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### BOOT009

**Message**
Boot Sources cannot be found for this Boot Configuration

**Detailed Description**
No Boot Sources could be found for the desired Boot Configuration.

**Recommended Response**
Verify that Boot Sources for the indicated Boot Configuration are displaying when enumerating DCIM_BootSourceSetting. Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**BOOT010**

**Message**
Could not locate vFlash partition index

**Detailed Description**
The provided vFlash partition index could not be found on the system.

**Recommended Response Action**
Verify that a vFlash partition with the desired index exists on the System.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**BOOT011**

**Message**
Failed to set vFlash partition for one time boot

**Detailed Description**
The provided vFlash partition could not be set for one time boot.

**Recommended Response Action**
Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**BOOT012**

**Message**
Job started to attach and set vFlash SD card partition for OneTime boot.

**Detailed Description**
A job was created to configure a OneTime boot to the specified vFlash SD card partition. If this partition was not attached to the system, the job attaches it as well.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**BOOT013**

**Message**
Cannot make changes to non-active boot list.

**Detailed Description**
The boot list is currently not active. Changes cannot be made to boot list that is not active.

**Recommended Response Action**
Alter boot mode to set the boot list active and retry the operation.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**BOOT014**

**Message**
Virtual media not ready.

**Detailed Description**
The systems SD card has been removed or is in use.

**Recommended Response Action**
Verify that the SD card is inserted and that another operation is not in progress, and try again.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**BOOT015**

**Message**
Set operation successful for the boot partition.

**Detailed Description**
The boot partition configuration request was successful. An unattached vFlash partition was configured for one-time boot using the ChangeBootOrderByInstanceID method. The method creates a job (to attach the vFlash partition and set the partition for one-time boot.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
BOOT016

Message  Input source argument value for the boot device is incorrect or not found among the boot devices on the system.

Detailed Description  The input source argument value referring to the boot device is incorrect or empty. The boot device identifier must match the InstanceID for the BootSourceSetting instance that represents the boot device.

Recommended Response  Use the correct source argument value for the boot device and retry the operation.

Category  Configuration (BOOT = BOOT Control)

Severity  Severity 2 (Warning)

No alerts are applicable for this message

BOOT017

Message  Source argument does not support enable or disable mode.

Detailed Description  The boot device(s) specified in the source argument used in the operation cannot be enabled or disabled. This behavior applies to BCV devices and one-time boot.

Recommended Response  Refer to the documentation on validity of operation for the boot device specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category  Configuration (BOOT = BOOT Control)

Severity  Severity 2 (Warning)

No alerts are applicable for this message

BOOT018

Message  Specified Boot Control List is read-only

Detailed Description  The Boot Control List specified in the operation is read-only and cannot be modified.

Recommended Response  Refer to the documentation on validity of operation for the Boot Control List specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category  Configuration (BOOT = BOOT Control)

Severity  Severity 2 (Warning)

No alerts are applicable for this message
**BOOT8500**

**Message**
Unable to change the BIOS boot order for the Server arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
Unable to change the BIOS boot order for the server because of a broken communication between the CMC and iDRAC, or iDRAC is rebooting.

**Recommended Response**
Reset iDRAC or wait until iDRAC reboots, and retry the operation.

**Category**
Configuration (BOOT = BOOT Control)

**Severity**
Severity 1 (Critical)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
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<tr>
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<tr>
<td>iDRAC</td>
<td>✔️</td>
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<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>
CBL Event Messages

CBL0001

Message
Backplane arg1 power cable disconnected.

Arguments
arg1 = bay ID

Detailed Description
A backplane signal cable was detected, but the accompanying power cable was not present.

Recommended Response
Reconnect or replace the power cable. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)

Filter Visibility

<table>
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</tr>
</tbody>
</table>

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC ✔* ✔
CMC

CBL0002

Message
Backplane arg1 signal cable disconnected.

Arguments
arg1 = bay ID

Detailed Description
A backplane power cable was detected, but the accompanying signal cable was not present.

Recommended Response
Reconnect or replace the signal cable for the backplane identified in the message. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)

Filter Visibility

<table>
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</tbody>
</table>
CBL0003

Message
Backplane arg1 arg2 cable is disconnected.

Arguments
arg1 = bay ID, arg2 = cable name

Detailed Description
The backplane cable identified in the message is disconnected or no cable is detected.

Recommended Response
Reconnect or replace the cable identified in the message. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)

Trap/EventID
2393

CBL0004

Message
The arg1 cable is incorrectly connected to backplane arg2 connector arg3.

Arguments
arg1 = cable name, arg2 = bay ID, arg3 = connector name

Detailed Description
The cable identified in the message is incorrectly connected to the backplane connector.

Recommended Response
Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.

Category
System Health (CBL = Cable)

Severity
Severity 1 (Critical)
CBL0005

**Message**: Backplane arg1 arg2 connector incorrectly connected to the motherboard SATA controller.

**Arguments**
- arg1 = bay ID, arg2 = connector name

**Detailed Description**: The backplane connector identified in the message is incorrectly connected to the motherboard SATA controller.

**Recommended Response**: Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.

**Category**: System Health (CBL = Cable)

**Severity**: Severity 1 (Critical)
Recommended Response

Make sure that only one RAID controller is connected to the backplane. If the issue persists, contact your service provider.

Category

System Health (CBL = Cable)

Severity

Severity 1 (Critical)

<table>
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</tr>
</tbody>
</table>

**CBL0007**

Message

Backplane *arg1 arg2* cable and backplane *arg3 arg4* cable are swapped.

Arguments

*arg1* = bay ID, *arg2* = cable name, *arg3* = bay ID, *arg4* = cable name

Detailed Description

The backplane cables identified in the message need to be connected to the correct backplane bays.

Recommended Response

Make sure the cables identified in the message are cabled correctly. If the issue persists, contact your service provider.

Category

System Health (CBL = Cable)

Severity

Severity 1 (Critical)

<table>
<thead>
<tr>
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</tr>
<tr>
<td>CMC</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CBL8500**

Message

SAS cable *arg1* to expander *arg2* is not connected.
<table>
<thead>
<tr>
<th>Arguments</th>
<th>arg1 = cable id, arg2 = expander id</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>SAS cables are not connected to the expander correctly.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Check whether or not the SAS cables are connected to the expander. Reconnect the cables and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (CBL = Cable)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>SAS cable arg1 is connected to the incorrect expander.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = cable id</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The SAS cable identified in the message is not connected to the correct expander.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Reconnect the SAS cable to the correct expander and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (CBL = Cable)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
## CMC Event Messages

### CMC001

<table>
<thead>
<tr>
<th>Message</th>
<th>The operation is successfully completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation is successfully completed.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (CMC = Chassis Management Controller)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### CMC002

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation because of an unknown issue.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be successfully completed because of an unknown issue.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Retry the operation. 2) Reset CMC and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (CMC = Chassis Management Controller)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### CMC003

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation because the parameter arg1 is missing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = parameter name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be completed because the parameter identified in the message is missing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the missing parameter and retry the operation. For information about the parameters, see the CMC Profile document available on the support site.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (CMC = Chassis Management Controller)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
CMC004

Message
Unable to complete the operation because the parameter arg1 is invalid.

Arguments
arg1 = parameter name

Detailed Description
The operation cannot be completed because the parameter identified in the message is invalid.

Recommended Response
Enter a valid parameter and retry the operation. For information about valid parameters, see the CMC Profile document available on the support site.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

CMC005

Message
Unable to complete the operation because of a mismatch between AttributeName and AttributeValue count.

Detailed Description
The operation cannot be completed because of a mismatch between AttributeName and AttributeValue count.

Recommended Response
Enter a valid AttributeName and AttributeValue count, and then retry the operation.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

CMC401

Message
Changing the Reserved QuickDeploy IP Addresses setting to arg1 may create an issue in the future if higher density server nodes are inserted into the Chassis (for example, quarter-height servers). Press OK to continue.

Arguments
arg1 = number of IP address

Detailed Description
Changing the Reserved QuickDeploy IP Addresses setting to <number of IP address> may create an issue in the future if higher density server nodes are inserted into the Chassis (for example, quarter-height servers).

Recommended Response
Select a higher number to accommodate future higher density server node additions, otherwise no response action is required.

Category
Configuration (CMC = Chassis Management Controller)
### CMC8501

**Message**
Chassis Group Leader has synchronized this members configuration.

**Detailed Description**
Multi Chassis Management feature on CMC allows for pushing the lead chassis configuration data to its members. This message appears in the members log when the configuration data is successfully synchronized with the Chassis group leaders configuration data.

**Recommended Response Action**
No response action required.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

---

### CMC8502

**Message**
Unable to access the IPv6 information of the server.

**Detailed Description**
CMC is unable to access the specified servers IPv6 information. Unable to display the specified servers Launch iDRAC link on the CMC Web interface.
**Recommended Response Action**

Enable IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. For the command line options or navigation for Web interface, see the Troubleshooting section in the CMC Users Guide.

**Category**

System Health (CMC = Chassis Management Controller)

**Severity**

Severity 1 (Critical)

---

**Message**

Unable to access the IPv4 information of the server.

**Detailed Description**

CMC is unable to access the IPv4 information for the specified server. Unable to display the specified servers Launch iDRAC link on the CMC Web interface.

**Recommended Response Action**

Enable IPv4 on the specified slots iDRAC via the CMC command line or Web GUI interface, for the iDRACs launch point to show up on the CMC web GUI. For the command line options or navigation for Web interface, see the Troubleshooting section in the CMC Users Guide.

**Category**

System Health (CMC = Chassis Management Controller)

**Severity**

Severity 1 (Critical)

---

**Message**

Unable to access server: arg1, because the NIC is disabled on the identified server.
Arguments  \( \text{arg1} = \) slot number

Detailed Description
The NIC is disabled on the server identified in the message, and the CMC is unable to display the link to launch the iDRAC web interface.

Recommended Response
Enable the NIC on the server identified in the message using the CMC command line or CMC Web interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d" where <slot number> is the server identified in the message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable LAN check box.

Category  System Health (CMC = Chassis Management Controller)

Severity  Severity 3 (Informational)

---

CMC

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**CMC8505**

Message
Unable to access server: \( \text{arg1} \) because both IPv4 and IPv6 are disabled. NIC Enabled = \( \text{arg2} \).

Arguments  \( \text{arg1} = \) slot number, \( \text{arg2} = \) state

Detailed Description
IPv4 and IPv6 are disabled on the specified server and the CMC is unable to display the link to launch iDRAC web interface.

Recommended Response
Enable IPv4 or IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d" where <slot number> is the server identified in the message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable IPv4 check box and/or the Enable IPv6 check box.

Category  System Health (CMC = Chassis Management Controller)

Severity  Severity 3 (Informational)
CMC8506

Message: A command to shut down the CMC was initiated.

Detailed Description: A command to shut down the CMC was initiated.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

CMC8507

Message: Extended Storage for primary CMC and secondary CMC synchronization is complete.

Detailed Description: The Extended Storage feature synchronizes data from the primary CMC removable flash media SD Card is synchronized with the secondary CMC removable flash media SD Card.

Recommended Response Action: No response action required.
Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available.

The Extended Storage feature is not activated if the removable flash media SD Card on the secondary CMC is not functioning properly.

Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.
CMC8509

Message
Unable to activate the extended storage feature on the secondary CMC: arg1. The feature will be deactivated.

Arguments
arg1 = cmc number

Detailed Description
The extended storage feature is not activated if the media on the secondary CMC is no longer functional.

Recommended Response Action
Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

CMC8510

Message
Unable to activate the extended storage feature on the secondary CMC: arg1. The feature will return to single CMC mode.

Arguments
arg1 = cmc number

Detailed Description
This happens during promotion of extended storage feature from single CMC to dual CMC. If the media on Standby CMC is not healthy, this message is displayed and the feature returns to single CMC state.

Recommended Response Action
Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays some errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

Category
Audit (CMC = Chassis Management Controller)
Severity  Severity 1 (Critical)

Trap/EventID  8689

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CMC8511

Message  Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs.

Detailed Description  The data on the Extended Storage removable flash media SD cards is not synchronized when the CMC is unable to determine which card has the latest data.

Recommended Response  Disable and then enable the Extended Storage feature. Using racadm, execute the following commands: "racadm feature -d -c Extended Storage" to disable and then "racadm -a -c Extended Storage" to enable the feature. NOTE: All the data on the removable flash media SD card is erased when the feature is disabled.

Category  Audit (CMC = Chassis Management Controller)

Severity  Severity 2 (Warning)

Trap/EventID  8690

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CMC8512

Message  The Extended Storage feature activation timed out. The feature is not active.
The Extended Storage feature is not activated if the removable flash media SD card on the secondary CMC does not respond within 90 seconds after activation is initiated.

Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Audit (CMC = Chassis Management Controller)
Severity 1 (Critical)

The Extended Storage feature activation on the secondary CMC timed out. The feature is being returned to single CMC mode.

The Extended Storage feature activation on the secondary CMC timed out. If the media on Standby CMC doesn't respond within 90 seconds of confirming activation the feature returns to single CMC mode.

Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Audit (CMC = Chassis Management Controller)
Severity 2 (Warning)

8690
Fabric mismatch is detected in the I/O Module arg1.

This error may occur due to any of the following conditions: 1) Invalid I/O Module and mezzanine card configuration, where a newly installed I/O Modules fabric type and the resident mezzanine cards fabric types do not match or are incompatible. 2) Invalid I/O Module and I/O Module configuration, where a newly installed I/O Module has a different or incompatible fabric type from an I/O Module already installed in the fabric.

Refer to Chassis Management Controller Users Guide for additional information.

Category: System Health (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Trap/EventID: 2545

The I/O Module arg1 did not boot within the expected time.

arg1 = iom slot name
Detailed Description
The I/O module may have taken more time to boot than was expected or the I/O module did not boot.

Recommended Response
Verify the I/O Module is turned on using CMC Web Interface or RACADM CLI and retry the operation. Otherwise, reinsert the I/O Module and retry the operation. If the problem persists, contact technical support.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Detailed Description
A double height server is detected in slot specified in the message, however the server is not detected in the bottom slot. This occurs if the server is not correctly inserted into the chassis.

Recommended Response
Remove the server from the chassis, check for any broken or bent pins at the rear of the server. If there is no damage, reinsert the server into the chassis.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
CMC8518

**Message**
Detecting Double height server in slot arg1 but the iDRAC in bottom slot arg2 is also responding.

**Arguments**
arg1 = slot number, arg2 = slot number

**Detailed Description**
The Double height server identified in the message is detected in the top slot. However, the bottom slot is also responding which should not occur if a double height server is inserted.

**Recommended Response**
Do the following: 1) Remove the server identified in the message. 2) Restart the CMC and wait for the CMC to complete the start up process. 3) Reinsert the server identified in the message. If the problem persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

---

CMC8519

**Message**
The LOM riser FRU for slot arg1 FRU ID arg2 is not functioning.

**Arguments**
arg1 = slot number, arg2 = fru id

**Detailed Description**
FRU of the LOM riser specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)
Severity 1 (Critical)

Trap/EventID 2545

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**CMC8520**

**Message** The FRU on server arg1 is not functioning.

**Arguments**

arg1 = slot number

**Detailed Description** FRU on the server specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**

Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category** System Health (CMC = Chassis Management Controller)

**Severity** Severity 1 (Critical)

**Trap/EventID** 2545

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**CMC8521**

**Message** The Mezz card 1 FRU for the server arg1 is not functioning.

**Arguments**

arg1 = slot number
Detailed Description
The Mezz card 1 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server.
2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

---

**CMC8522**

Message
The Mezz card 2 FRU for the server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
The Mezz card 2 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server.
2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

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### Filter Visibility
- **iDRAC**: ✔ ✔* ✔ ✔* ✔*
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### LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
- **iDRAC**: ✔* ✔*
- **CMC**: ✔* ✔*

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286
CMC8523

**Message**
The Mezz card 3 FRU for the server arg1 is not functioning.

**Arguments**
arg1 = slot number

**Detailed Description**
The Mezz card 3 FRU for the server specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

---

CMC8524

**Message**
The Mezz card 4 FRU for the server arg1 is not functioning.

**Arguments**
arg1 = slot number

**Detailed Description**
The Mezz card 4 FRU for the server specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545
CMC8525

**Message**
The FRU on the sleeve arg1 is not functioning.

**Arguments**
arg1 = slot number

**Detailed Description**
The FRU on the sleeve specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

CMC8526

**Message**
Unable to retrieve the server- arg1 CPU information.

**Arguments**
arg1 = slot number

**Detailed Description**
CMC is unable to obtain the CPU information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.
Recommended Response Action
Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.

Category: System Health (CMC = Chassis Management Controller)
Severity: Severity 2 (Warning)

Trap/EventID: 2546

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**CMC8527**

Message: Unable to retrieve the server- arg1 memory information.

Arguments: arg1 = slot number

Detailed Description: CMC is unable to obtain the memory information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.

Recommended Response Action
Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.

Category: System Health (CMC = Chassis Management Controller)
Severity: Severity 2 (Warning)

Trap/EventID: 2546

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</tbody>
</table>
CMC8528

**Message**
Unable to obtain or send link tuning or flex address data to server- `arg1`.

**Arguments**
`arg1 = slot number`

**Detailed Description**
CMC is unable to obtain the link tuning or flex address information for the newly installed hardware (server, Input Output Module, or Mezzanine card), or is unable to send the link tuning or flex address information to iDRAC.

**Recommended Response**
Make sure that the currently installed CMC firmware is the latest. Otherwise, update the CMC with the latest CMC firmware and retry the operation.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2546

---

CMC8529

**Message**
Unable to perform the requested action on the server- `arg1`, because of insufficient privileges.

**Arguments**
`arg1 = slot number`

**Detailed Description**
The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

**Recommended Response**
Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)
CMC8531

Message
Unable to perform the requested action on the Sleeve or Sled arg1 because of insufficient user privileges.

Arguments
arg1 = slot number

Detailed Description
The user account does not have sufficient privileges to perform the virtual reseat operation on the Sleeve or Sled specified in the message. The server administration privilege is required to perform a virtual reseat operation. This applies to Sleeve or Sled components.

Recommended Response
Use a different user account that has server administration privileges, and retry the operation. For more information, contact your system administrator about necessary privileges.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)
Detailed Description
The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

Recommended Response
Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

---

Unable to read the FRU information, status = arg1

arg1 = status value

Unable to read the header of the extended FRU information. This can occur if there is a problem in the communication between the CMC and the server.

Remove and reinsert the server. The CMC will retry the read operation of the FRU information. If the issue persists, contact your service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
CMC8534

Message
Unable to turn on the server arg1 because the power requirement request exceeds the power cap value.

Arguments
arg1 = slot number

Detailed Description
Unable to turn on the server specified in the message, because the available power is lesser than the requested power.

Recommended Response
In the CMC Web interface, verify the available power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the power cap value.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2546

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC ✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC ✔

CMC8535

Message
Unable to turn on High Power Management for the server arg1

Arguments
arg1 = slot number

Detailed Description
Unable to turn on the server specified in the message because of an internal CMC error.

Recommended Response
Reboot CMC and retry the operation. If the issue persists, reseat the server and retry the operation.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689
CMC8538

Message  Firmware version string is too long.
Detailed Description  The length of the CMC firmware version to be sent in the message from local CMC to peer CMC is too long. Under these conditions, CMC version in the message is displayed as 1.0.
Recommended Response Action  No response action is required.
Category  Audit (CMC = Chassis Management Controller)
Severity  Severity 3 (Informational)

CMC8539

Message  The CMC arg1 is unable to log arg2 event to the Hardware Log.
Arguments  arg1 = slot id, arg2 = event message
Detailed Description  CMC cannot log new events to Hardware Log if Hardware Log is full. Therefore, new events are not written to the log unless older events are cleared. This issue also occurs if event logging is disabled.
**Recommended Response Action**

Do the following: 1) Save the Hardware Log if required. 2) Clear the Hardware Log.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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</table>

**CMC8540**

**Message**
The CMC arg1 is turned on.

**Arguments**
arg1 = slot id

**Detailed Description**
The CMC specified in the message is turned on because of a CMC insertion or due to chassis AC power on.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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**CMC8541**

**Message**
The watchdog has reset the CMC arg1.

295
Arguments: arg1 = slot id

Detailed Description: The CMC specified in the message was reset by a watchdog event.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 2 (Warning)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

CMC

Message: The CMC arg1 was restarted because of a manual reset.

Arguments: arg1 = slot id

Detailed Description: The CMC specified in the message was manually restarted.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

CMC

Message: The CMC arg1 was restarted because of a manual reset.

Arguments: arg1 = slot id

Detailed Description: The CMC specified in the message was manually restarted.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

CMC
CMC8543

Message
The CMC arg1 has reset because the thermal threshold was exceeded.

Arguments
arg1 = slot id

Detailed Description
The CMC specified in the message has reset because of thermal issues.

Recommended Response
Do the following: 1) Review the Hardware Log and check if there are fans that are not functioning properly. 2) Replace the fans that are not functioning properly. 3) If all the fans are functioning, check the chassis temperature in the CMC Web Interface or by using RACADM. When the fans are functioning properly and the chassis temperature is too high, the ambient air temperature is too high or the air inlets are not receiving sufficient air.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔ *
CMC ✔ *

CMC8545

Message
Detected a missing process failover condition detected. Process = arg1.

Arguments
arg1 = process name

Detailed Description
A firmware error has occurred causing a CMC failover. The process identified in the message was not detected. The CMC will restart automatically.

Recommended Response
No response action is required. If multiple failovers occur, contact your service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
CMLC8546

Message
Issues identified with Process $arg1$. Failover condition detected.

Arguments
$arg1 = \text{process name}$

Detailed Description
A firmware error has occurred in the internal firmware process identified in the message. This condition will cause a CMC failover to occur. If the issue persists, contact your service provider.

Recommended Response
No response action is required. A failover may result from this condition. If multiple failovers occur, contact your service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

CMLC8547

Message
Missing kernel module $arg1$. Failover condition detected

Arguments
$arg1 = \text{module name}$

Detailed Description
A firmware error occurred causing the failover. If this condition continues, a failover will result. If multiple failovers occur, contact Service.
Recommended Response Action

No response action is required. If the issue persists, contact your service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

---

**CMC8548**

**Message**
The active Chassis Management Controller is no longer connected to an external network.

**Detailed Description**
The active Chassis Management Controller is not connected to an external network for more than 25 seconds. A failover is performed if the standby CMC is connected to the external network.

**Recommended Response Action**
Make sure that the external network cable is connected to the active CMC and the network switch. If the issue persists, contact your service provider.

---

**CMC8550**

**Message**
The chassis health is arg1.
Arguments

**arg1** = health state

Detailed Description

If the chassis health status changes, new status is logged. The possible states are Invalid, Other, Unknown, Healthy, Non-critical, Critical, and Non-recoverable.

Recommended Response Action

No response action is required.

Category

Audit (CMC = Chassis Management Controller)

Severity

Severity 3 (Informational)

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</table>

**CMC8551**

Message

The chassis health is **arg1**.

Arguments

**arg1** = health state

Detailed Description

The message is displayed if the chassis health is not OK (non-critical or critical).

The message after this message in the log indicates cause for the issue.

Recommended Response Action

No response action is required.

Category

Audit (CMC = Chassis Management Controller)

Severity

Severity 1 (Critical)

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</table>

300
CMC8553

Message
An internal error occurred and a failover condition is detected.

Detailed Description
An internal I2C hardware occurred and CMC initiated a failover to clear the hardware error. If the issue persists, contact your service provider.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

CMC8554

Message
An internal network error occurred.

Detailed Description
An internal network error occurred. If none of the external sources have an issue, the CMC may have a hardware issue. If the issue persists, contact your service provider.

Recommended Response Action
Reseat the network cable and check the connectivity to the outbound switch.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
CMC8555

Message
An internal memory error has occurred and a failover condition is detected.

Detailed Description
An internal memory error occurred affecting the configuration database and CMC has initiated a failover. If the issue persists, contact your service provider.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

CMC8557

Message
The system health failover is requested. Code arg1.

Arguments
arg1 = number

Detailed Description
The code number specified in the message is displayed after a firmware error occurs before a failover.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
### CMC8558

**Message**  The system health is restored.

**Detailed Description**  The system health has recovered from a failover condition.

**Recommended Response**  No response action is required.

**Category**  Audit (CMC = Chassis Management Controller)

**Severity**  Severity 3 (Informational)

### CMC8561

**Message**  Unable to send the email to arg1 after trying arg2 times.

**Arguments**  
arg1 = destination, arg2 = number

**Detailed Description**  Unable to send the email alerts to the destination.

**Recommended Response**  Make sure to use a valid email address.

**Category**  Audit (CMC = Chassis Management Controller)
Severity 2 (Warning)

### Severity 2 (Warning)

<table>
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</table>

### CMC8562

**Message**
The log is cleared.

**Detailed Description**
The hardware log is cleared.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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### CMC8563

**Message**
The KVM is mapped to the server slot arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The KVM is mapped to the server slot number specified in the message.
CMC8564

Message: The KVM mapping feature is disabled.
Detailed Description: The KVM is not mapped to any of the server slots.
Recommended Response Action: No response action is required.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 3 (Informational)

Arguments: arg1 = slot number

CMC8565

Message: KVM mapping is enabled for the server slot arg1.
Arguments: arg1 = slot number
Detailed Description: The KVM mapping is enabled for the server slot specified in the message. The KVM cannot be mapped to this server slot.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*
CMC ✔*

CMC8566

Message: KVM mapping is disabled for the server slot arg1.

Arguments: arg1 = slot number

Detailed Description: The KVM mapping is disabled for the server slot specified in the message. The KVM cannot be mapped to this server slot.

Recommended Response Action: No response action is required.

Category: Audit (CMC = Chassis Management Controller)

Severity: Severity 3 (Informational)

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

iDRAC ✔*
CMC ✔*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*
CMC ✔*
### CMC8567

**Message**
The DVD drive is mapped to the server slot `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
The DVD drive is mapped to the server slot specified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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### CMC8568

**Message**
The DVD drive mapping feature is disabled.

**Detailed Description**
The DVD drive is disabled and is not mapped to any of the server slots.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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**CMC8569**

**Message**  The server slot `arg1` is enabled for DVD drive mapping.

**Arguments**  `arg1` = slot number

**Detailed Description**  The server slot specified in the message is enabled for DVD drive mapping. The DVD drive can be mapped to this server slot.

**Recommended Response Action**  No response action is required.

**Category**  Audit (CMC = Chassis Management Controller)

**Severity**  Severity 3 (Informational)

---

**CMC8570**

**Message**  The server slot `arg1` is disabled for DVD drive mapping.

**Arguments**  `arg1` = slot number

**Detailed Description**  The server slot specified in the message is disabled for DVD drive mapping. The DVD drive cannot be mapped to this server slot.

**Recommended Response Action**  No response action is required.

**Category**  Audit (CMC = Chassis Management Controller)

**Severity**  Severity 3 (Informational)
The coin cell battery in the primary CMC is not working.

Detailed Description
The coin cell battery in the primary CMC is not working. The battery needs to be replaced.

Recommended Response
Replace the coin cell battery in the primary CMC.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

The coin cell battery in CMC arg1 is not working.

Arguments
arg1 = slot id

Detailed Description
The coin cell battery in the CMC located in the slot specified in the message is not working. The battery needs to be replaced.

Recommended Response
Replace the coin cell battery of the standby CMC

Message
The coin cell battery in CMC arg1 is not working.
The chassis health is \textit{arg1}.

\textbf{Arguments}
\begin{itemize}
\item \textit{arg1} = health state
\end{itemize}

\textbf{Recommended Response}
Review the Chassis log or the Chassis Management Controller (CMC) SEL log for the failure or Export chassis log and SEL log and contact technical support.

\textbf{Category} Audit (CMC = Chassis Management Controller)
\textbf{Severity} Severity 1 (Critical)

\textbf{CMC8575}

\textbf{Message}
The RAC SSL Certificate is changed.

\textbf{Detailed Description}
The RAC SSL Certificate is changed.

\textbf{Recommended Response}
No response action is required.

\textbf{Category} Audit (CMC = Chassis Management Controller)
\textbf{Severity} Severity 3 (Informational)
\textbf{Trap/EventID} 8691
### CMC8576

**Message**
The RAC CA Certificate is changed.

**Detailed Description**
The RAC CA Certificate is changed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8691

---

### CMC8577

**Message**
The Remote Access Controller (RAC) Kerberos Keytab is changed.

**Detailed Description**
The Remote Access Controller (RAC) Kerberos Keytab is changed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)
Severity 3 (Informational)

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CMC8578

**Message**
The Remote Access Controller (RAC) SSL Certificate and key is changed.

**Detailed Description**
The Remote Access Controller (RAC) SSL Certificate and key is changed.

**Recommended Response**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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CMC8579

**Message**
Unable to upload the security certificate because of an Unexpected Event issue in the Remote Access Controller (RAC).

**Detailed Description**
The security certificate cannot be uploaded because of an Unexpected Event issue in the Remote Access Controller.
**Recommended Response Action**

Upload the certificate again and retry operation.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8690

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**CMC8601**

**Message**
The Chassis group arg1 is created.

**Arguments**
arg1 = group name

**Detailed Description**
The Chassis group identified in the message is created. This chassis is the leader of the group.

**Recommended Response Action**
No response action required.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

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CMC8602

Message
The Chassis group arg1 is deleted.

Arguments
arg1 = group name

Detailed Description
The Chassis group identified in the message is deleted. This chassis was the leader of the group.

Recommended Response Action
No response action required.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

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CMC8603

Message
Unable to read the FRU information from the server arg1 , status arg2 .

Arguments
arg1 = server slot number, arg2 = server status

Detailed Description
CMC cannot read the information about the FRU, because of an internal issue with the CMC and the server. Some information such as model number may not be reported. The server may not power up if the server planar FRU cannot be read.

Recommended Response Action
Remove and reinsert the server. The Chassis Management Controller will retry the read operation of the FRU information. If the issue persists, contact your service provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

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**CMC8604**

**Message:** The FRU on storage sled arg1 is not functioning.

**Arguments**

arg1 = slot number

**Detailed Description:** The FRU on the storage sled specified in the message is not functioning or CMC is unable to read it.

**Recommended Response**

Do the following: 1) Reinsert the specified storage sled or virtual reseat the sled 2) Reset CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

**Category:** System Health (CMC = Chassis Management Controller)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2545

---

**CMC8605**

**Message:** The chassis health state is no longer OK and is currently arg1.

**Arguments**

arg1 = health state

**Detailed Description:** The chassis health state is no longer OK and is currently the state identified in the message. Actions should be taken to resolve any outstanding issues so that the chassis health state will return to OK.

**Recommended Response**

Review the Chassis log or the Chassis Management Controller(CMC) SEL log for any outstanding issue(s) and resolve any issues found by performing the recommended response action for each issue found. If the issue persists, export the chassis log and CMC SEL log and contact your support provider.

**Category:** Audit (CMC = Chassis Management Controller)
### Severity 2 (Warning)

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#### CMC8700

**Message**: The I/O Module in slot `arg1` is configured in secure IOM mode.

**Arguments**: `arg1` = slot number

**Detailed Description**: I/O Module identified in the message cannot be managed from the CMC when the I/O Module is configured in secure IOM mode.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (CMC = Chassis Management Controller)

**Severity**: Severity 3 (Informational)

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CPU Event Messages

CPU0000

Message
CPU arg1 has an internal error (IERR).

Arguments
arg1 = number

Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response
Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> internal error (IERR). Contact Support

OMSA Event ID
5604

OMSA Trap ID
5604

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CPU0001

Message
CPU arg1 has a thermal trip (over-temperature) event.

Arguments
arg1 = number

Detailed Description
The processor temperature increased beyond the operational range. Thermal protection shut down the processor. Factors external to the processor may have induced this exception.

Recommended Response
Review logs for fan failures, replace failed fans. If no fan failures are detected, check inlet temperature (if available) and reinstall processor heatsink.

Category
System Health (CPU = Processor)
Severity: Severity 1 (Critical)

Trap/EventID: 2241

LCD Message: CPU <number> has a thermal trip. Check CPU heat sink

OMSA Event ID: 5604

OMSA Trap ID: 5604

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**CPU0002**

**Message:** CPU arg1 has failed the built-in self-test (BIST).

**Arguments:** arg1 = number

**Detailed Description:** None

**Recommended Response:**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on.
2) Make sure the processor is inserted correctly, if the processor is removable.
3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category:** System Health (CPU = Processor)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2241

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CPU0003

Message
CPU arg1 is stuck in POST.

Arguments
arg1 = number

Detailed Description
None

Recommended Response
1) Turn off the server and disconnect input power for one minute. Re-apply input power and turn system on. 2) Reduce system configuration to minimum memory and remove all PCI devices. If system completes POST, update system BIOS. Re-install memory and PCI one component at a time to meet the original configuration. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

CPU0004

Message
CPU arg1 failed to initialize.

Arguments
arg1 = number

Detailed Description
None

Recommended Response
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is inserted correctly, if the processor is removable. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241
## CPU0005

**Message**

CPU arg1 configuration is unsupported.

**Arguments**

`arg1 = number`

**Detailed Description**

System is unable to boot or may run in a degraded state.

**Recommended Response**

Review product documentation for supported CPU configurations.

**Category**

System Health (CPU = Processor)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2241

**LCD Message**

CPU <number> configuration is unsupported. Check CPU or BIOS revision

**OMSA Event ID**

5604

**OMSA Trap ID**

5604

## CPU0006

**Message**

Unrecoverable CPU complex error detected on CPU arg1.

**Arguments**

`arg1 = number`
Detailed Description: System is unable to boot or may run in a degraded state.

Recommended Response Action:
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)
Severity: Severity 1 (Critical)
Trap/EventID: 2241

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**CPU0007**

Message: CPU arg1 is present.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243
OMSA Event ID: 5602
OMSA Trap ID: 5602

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CPU0008

Message
CPU arg1 is disabled.

Arguments
arg1 = number

Detailed Description
System is unable to boot or may run in a degraded state.

Recommended Response Action
if unexpected, check presence, and system setup (BIOS) configuration.

Category
System Health (CPU = Processor)

Severity
Severity 2 (Warning)

Trap/EventID
2242

OMSA Event ID
5603

OMSA Trap ID
5603

CPU0009

Message
CPU arg1 terminator is present.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (CPU = Processor)
Severity 3 (Informational)

Trap/EventID 2243

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**CPU0010**

Message

CPU arg1 is throttled.

Arguments

arg1 = number

Detailed Description

The CPU is throttled due to thermal or power conditions.

Recommended Response

Review system logs for power or thermal exceptions.

Category

System Health (CPU = Processor)

Severity 2 (Warning)

Trap/EventID 2242

OMSA Event ID 5603

OMSA Trap ID 5603

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CPU0011

Message  Uncorrectable Machine Check Exception detected on CPU arg1.
Arguments  arg1 = number
Detailed Description  None.
Recommended Response  Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (CPU = Processor)
Severity  Severity 1 (Critical)
Trap/EventID  2241
LCD Message  Uncorrectable Machine Check Exception detected on CPU <number>. Contact Support

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CPU0012

Message  Correctable Machine Check Exception detected on CPU arg1.
Arguments  arg1 = number
Detailed Description  None.
Recommended Response  Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (CPU = Processor)
Severity  Severity 2 (Warning)
Trap/EventID  2242
OMSA Event ID  5603
CPU0016

Message: CPU arg1 is operating correctly.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243

CPU0021

Message: CPU arg1 is configured correctly.
Arguments: arg1 = number
Detailed Description: None
**Recommended Response Action**

No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

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**CPU0024**

**Message**
CPU arg1 is enabled.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

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CPU0025

Message  CPU arg1 terminator is absent.
Arguments  arg1 = number
Detailed Description  System is unable to boot or may run in a degraded state.
Recommended Response  Check presence and reinstall the terminator.
Category  System Health (CPU = Processor)
Severity  Severity 2 (Warning)
Trap/EventID  2242

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CPU0700

Message  CPU arg1 initialization error detected.
Arguments  arg1 = number
Detailed Description  System BIOS was unable to boot the processor.
Recommended Response  1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (CPU = Processor)
Severity  Severity 1 (Critical)
Trap/EventID  2241
LCD Message  CPU <number> initialization error detected. Power cycle system
CPU0701

**Message**
CPU arg1 protocol error detected.

**Arguments**
arg1 = number

**Detailed Description**
System event log and OS logs may indicate that the exception is external to the processor.

**Recommended Response**
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
CPU <number> protocol error detected. Power cycle system

---

CPU0702

**Message**
CPU bus parity error detected.

**Detailed Description**
System event log and OS logs may indicate that the exception is external to the processor.
**Recommended Response**
Check system and operating system logs for exceptions. If no exceptions found, remove input power, reinstall the processor, then apply input power.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
CPU bus parity error detected. Power cycle system

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**CPU0703**

**Message**
CPU bus initialization error detected.

**Detailed Description**
System event log and OS logs may indicate that the exception is external to the processor.

**Recommended Response**
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
CPU bus initialization error detected. Power cycle system

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CPU0704

Message
CPU arg1 machine check error detected.
Arguments
arg1 = number
Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.
Recommended Response
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category
System Health (CPU = Processor)
Severity
Severity 1 (Critical)
Trap/EventID
2241
LCD Message
CPU <number> machine check error detected. Power cycle system

CPU0800

Message
CPU arg1 voltage regulator module is present.
Arguments
arg1 = number
Detailed Description
None
Recommended Response
No response action is required.
Action
**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

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**LC Log**

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**CPU0801**

**Message**
CPU arg1 voltage regulator module failed.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded or the system may fail to operate.

**Recommended Response**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**trap/EventID**
2241

**LCD Message**
CPU <number> voltage regulator module failed. Reseat module

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CPU0802

**Message**  
A predictive failure detected on CPU arg1 voltage regulator module.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded or the system may fail to operate.

**Recommended Response**  
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2242

---

**CPU0803**

**Message**  
The power input for CPU arg1 voltage regulator module is lost.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded or the system may fail to operate.

**Recommended Response**  
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2241

---

**LCD Message**  
Lost power input for CPU <number> voltage regulator module. Reseat module
CPU0804

**Message**  The power input for CPU arg1 voltage regulator module is outside of range.

**Arguments**  

arg1 = number

**Detailed Description**  System performance may be degraded or the system may fail to operate.

**Recommended Response**  

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  System Health (CPU = Processor)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2241

**LCD Message**  Power input for CPU <number> voltage regulator module is outside of range. Reseat module

---

CPU0805

**Message**  The power input for CPU arg1 voltage regulator module is outside of range, but it is attached to the system.

**Arguments**  

arg1 = number
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<th>System performance may be degraded or the system may fail to operate.</th>
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<td>Recommended Response</td>
<td>1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.</td>
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**CPU0806**

<table>
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<tr>
<th>Message</th>
<th>CPU arg1 voltage regulator module is incorrectly configure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>System performance may be degraded or the system may fail to operate.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Review product documentation for proper configuration and installation procedures.</td>
</tr>
<tr>
<td>Category</td>
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</tr>
<tr>
<td>Severity</td>
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CPU0816

Message
CPU arg1 voltage regulator module is absent.

Arguments
arg1 = number

Detailed Description
System performance may be degraded or the system may fail to operate.

Recommended Response Action
if removal was unintended, check presence and re-install.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> voltage regulator module absent. Check module

CPU0817

Message
CPU arg1 voltage regulator module is operating normally.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (CPU = Processor)

Severity
Severity 3 (Informational)
CPU0819

Message: The power input for CPU arg1 voltage regulator module has been restored.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (CPU = Processor)

Severity: Severity 3 (Informational)

CPU0822

Message: CPU arg1 voltage regulator module is configured correctly.

Arguments: arg1 = number

Detailed Description: None
Recommended Response Action: No response action is required.

Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243

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Filter Visibility: LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

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CPU9000

Message: An OEM diagnostic event occurred.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

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CPUA Event Messages

CPUA0023

Message
CPU arg1 is absent

Arguments
arg1 = number

Detailed Description
None

Recommended Response
Verify processor installation. If present, reseat the processor.

Category
System Health (CPUA = Proc Absent)

Severity
Severity 1 (Critical)

Trap/EventID
2457

LCD Message
CPU <number> is absent. Check CPU

OMSA Event ID
5601

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CTL Event Messages

CTL1

Message
Controller event log: arg1

Arguments
arg1 = message

Detailed Description
This event is retrieved from the controller when iDRAC storage monitoring was not running. Such events which are generated in the past are logged as informational severity.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

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CTL10

Message
arg1 alarm has been tested.

Arguments
arg1 = Controller name

Detailed Description
The controller alarm test has run successfully. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2156
CTL100

**Message**
The Patrol Read operation was stopped and did not complete for arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The Patrol Read operation running on the controller was stopped by user request or an issue was detected by the controller.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

---

**CTL101**

**Message**
The arg1 is disabled.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message is disabled by a user action.
**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

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**CTL102**

**Message**
The `arg1` is enabled.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message is enabled by a user action.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

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CTL11

Message
Configuration on arg1 was reset.

Arguments
arg1 = controller name

Detailed Description
A user operation to reset the controller configuration was performed.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2157

OMSA Trap ID
75100

CTL12

Message
An invalid SAS configuration has been detected on arg1. Details: arg2

Arguments
arg1 = Controller name, arg2 = error message

Detailed Description
The controller and attached enclosures are not cabled correctly.

Recommended Response Action
Refer to the storage hardware documentation for information on correct cabling configurations.

Category
Storage (CTL = Storage Contr)

Severity
Severity 1 (Critical)

Trap/EventID
4329

OMSA Event ID
2182
The arg1 cache has been discarded.

The controller has flushed the cache and all data in the cache has been lost. This may occur when the system has memory or battery problems that cause the controller to distrust the cache. Although user data may have been lost, this alert does not always indicate that relevant or user data has been lost.

Verify that the battery and memory are functioning properly.

Category: Storage (CTL = Storage Contr)
Severity: Severity 2 (Warning)
Trap/EventID: 4330
OMSA Event ID: 2186
OMSA Trap ID: 75300

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**CTL13**

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**CTL14**

**Message**
Single-bit ECC error limit exceeded on the `arg1` DIMM.

**Arguments**
`arg1` = controller name

**Detailed Description**
The storage controller memory identified in the message is not operating correctly.

**Recommended Response**
Contact your service provider.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2187

**OMSA Trap ID**
75300

---

**CTL16**

**Message**
None of the `arg1` properties are set.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2218
OMSA Trap ID 75100

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**CTL17**

**Message**
arg1 arg2 is changed to arg3.

**Arguments**
arg1 = Controller Name, arg2 = propertyname, arg3 = new value

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

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**CTL18**

**Message**
Load Balance and Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.
Recommended Response Action

Category: Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)

Trap/EventID: 4331
OMSA Event ID: 2222
OMSA Trap ID: 75100

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**Message**
Abort CC on Error, Copyback, and Load Balance has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2223

**OMSA Trap ID**
75100

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</table>
**CTL2**

**Message**
arg1 rebuild rate has changed.

**Arguments**
arg1 = Controller name

**Detailed Description**
You have changed the controller rebuild rate. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2142

**OMSA Trap ID**
75100

---

**CTL20**

**Message**
Copyback and Load Balance has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)
### CTL200

**Message**
The current firmware version \( \text{arg1} \) is older than the required version \( \text{arg2} \) for \( \text{arg3} \).

**Arguments**
- \( \text{arg1} = \) version number, \( \text{arg2} = \) version number, \( \text{arg3} = \) controller name

**Detailed Description**
The firmware on the controller identified in the message is not a supported version.

**Recommended Response**
Download the supported version from the service provider and install it on the controller.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**
- ✔

**CMC**
- ✔
- ✔
- ✔

---

**Filter Visibility**
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC**
- ✔

**CMC**
- ✔
- ✔
- ✔
**CTL201**

**Message**
The current driver version \(\text{arg1} (\text{arg2})\) is older than the required driver version \(\text{arg3} (\text{arg4})\) for \(\text{arg5}\).

**Arguments**
\(\text{arg1} =\) major version number, \(\text{arg2} =\) minor version number, \(\text{arg3} =\) major version number, \(\text{arg4} =\) minor version number, \(\text{arg5} =\) controller name

**Detailed Description**
The controller driver for the identified controller is not a supported version.

**Recommended Response**
Download the supported version of the driver from the service provider and install it on the operating system.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2132

**OMSA Trap ID**
75300

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**CTL202**

**Message**
Unable to open the firmware and driver configuration file \(\text{arg1} of \text{arg2}\).

**Arguments**
\(\text{arg1} =\) file name, \(\text{arg2} =\) controller name

**Detailed Description**
Storage Management is unable to determine whether the system has the minimum required versions of the RAID controller firmware and driver due to one of the following: 1) Incorrect installation directory path to the configuration file. 2) Removed or renamed configuration file.

**Recommended Response**
Reinstall Server Administrator Storage Management software on the operating system.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)
OMSA Event ID    2165
OMSA Trap ID    75300

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**CTL203**

**Message**
Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The status of the changed attribute values are reported for information purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

OMSA Event ID    2219
OMSA Trap ID    75100

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**CTL204**

**Message**
Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for arg1.
Arguments  
arg1 = controller name

Detailed Description  
The status of the changed attribute values are reported for information purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2220

OMSA Trap ID  
75100

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**CTL205**

Message  
Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for arg1.

Arguments  
arg1 = controller name

Detailed Description  
The status of the changed attribute values are reported for information purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2221

OMSA Trap ID  
75100

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CTL206

Message
Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for arg1.

Arguments
arg1 = controller name

Detailed Description
The status of the changed attribute values are reported for information purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2227

OMSA Trap ID
75100

CTL207

Message
Unable to import the Virtual Disk because the supported limit is exceeded on arg1.

Arguments
arg1 = controller name

Detailed Description
The number of Virtual Disks selected for import has exceeded the supported limit of Virtual Disks on the controller identified in the message.

Recommended Response Action
Make sure that the number of Virtual Disks selected for import is within the supported limit on the controller, and retry the operation.

Category
Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)
OMSA Event ID: 2372
OMSA Trap ID: 75100

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**CTL208**

**Message**
Unable to authenticate the entered passphrase for the arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
Unable to authenticate the entered passphrase.

**Recommended Response**
Enter the correct passphrase and retry.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

OMSA Event ID: 2392
OMSA Trap ID: 75300

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**CTL209**

**Message**
Enabled persistent hot spare on `arg1`.

**Arguments**
`arg1` = controller name

**Detailed Description**
The persistent hot spare feature is enabled on the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2394

**OMSA Trap ID**
75100

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**CTL21**

**Message**
Abort CC on Error and Load Balance has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2225

**OMSA Trap ID**
75100
CTL210

Message
Disabled persistent hot spare on arg1.

Arguments
arg1 = controller name

Detailed Description
The persistent hot spare feature is disabled on the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2395

OMSA Trap ID
75100

CTL211

Message
The arg1 property changed on arg2 through Manage Physical Disk Power option.

Arguments
arg1 = property name, arg2 = controller name

Detailed Description
The physical disk properties displayed under “Manage Physical Disk Power” option has changed.
Recommended Response Action

Category Storage (CTL = Storage Contr)
Severity Severity 3 (Informational)
OMSA Event ID 2398
OMSA Trap ID 75100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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**CTL212**

Message The existing encryption key in the arg1 is deleted.

Arguments arg1 = controller name

Detailed Description This alert is generated when the encryption key in the controller is deleted.

Recommended Response Action No response action is required.

Category Storage (CTL = Storage Contr)
Severity Severity 3 (Informational)
OMSA Event ID 2388
OMSA Trap ID 75100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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</table>
The Local Key Management (LKM) is enabled on arg1.

The Local Key Management (LKM) security mode is enabled on the controller identified in the message.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

2407

75100

The Local Key Management (LKM) encryption key in the arg1 has changed.

The Local Key Management (LKM) encryption key in the controller identified in the message has changed.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)
OMSA Event ID: 2411
OMSA Trap ID: 75100

**Filter Visibility**

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**Detailed Description**
The controller identified in the message has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

**Recommended Response**
Make sure both the cables are securely attached to the enclosure and controller. For more information about connecting the cables to the enclosure, see the Cables Attached Correctly section in the PERC Users Guide. Also, make sure both Enclosure Management Modules (EMMs) are healthy.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

---

**Message**
Redundant path disconnected on arg1.

**Arguments**
arg1 = Controller Name

---

**CTL215**

**Message**
Redundant path disconnected on arg1.

**Arguments**
arg1 = Controller Name

**Detailed Description**
The controller identified in the message has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

**Recommended Response**
Make sure both the cables are securely attached to the enclosure and controller. For more information about connecting the cables to the enclosure, see the Cables Attached Correctly section in the PERC Users Guide. Also, make sure both Enclosure Management Modules (EMMs) are healthy.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)
CTL216

Message
Redundant path connection is restored on arg1.

Arguments
arg1 = Controller Name

Detailed Description
The communication in the redundant path on the connectors of the controller identified in the message is restored.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2253

OMSA Trap ID
75100

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CTL217

Message
Redundant path view is cleared on arg1.

Arguments
arg1 = controller name

Detailed Description
The redundant path view on the controller identified in the message is cleared.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2370

OMSA Trap ID
75100
CTL22

Message: Load Balance has changed for arg1.
Arguments: arg1 = Controller name
Detailed Description: This alert is provided for informational purposes.
Recommended Response: Re-issue the command.
Category: Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)
Trap/EventID: 4331
OMSA Event ID: 2226
OMSA Trap ID: 75100

CTL23

Message: Copyback and Auto Copyback on Predictive Failure has changed for arg1.
Arguments: arg1 = Controller name
**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2228

**OMSA Trap ID**
75100

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**CTL24**

**Message**
Abort CC on Error and Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**

arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2229

**OMSA Trap ID**
75100

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CTL25

Message
Auto Copyback on Predictive Failure has changed for arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
Re-issue the command.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2230

OMSA Trap ID
75100

CTL26

Message
Copyback and Abort CC on Error has changed for arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
Re-issue the command.

Category
Storage (CTL = Storage Contr)
Severity 3 (Informational)

Trap/EventID 4331
OMSA Event ID 2231
OMSA Trap ID 75100

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**CTL27**

Message
The arg1 alarm is silenced.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID 4331
OMSA Event ID 2232
OMSA Trap ID 75100

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**CTL28**

**Message**

The Background Initialization (BGI) rate has changed for `arg1`.

**Arguments**

`arg1` = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2233

**OMSA Trap ID**

75100

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**CTL29**

**Message**

The Patrol Read rate has changed for `arg1`.

**Arguments**

`arg1` = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2234
**CTL3**

*Message*  
arg1 alarm is enabled.

*Arguments*  
arg1 = Controller name

*Detailed Description*  
You have enabled the controller alarm. This alert is provided for informational purposes.

*Recommended Response Action*  
No response action is required.

*Category*  
Storage (CTL = Storage Contr)

*Severity*  
Severity 3 (Informational)

*Trap/EventID*  
4331

*OMSA Event ID*  
2143

*OMSA Trap ID*  
75100

**CTL30**

*Message*  
The Check Consistency rate has changed for arg1.
Arguments

arg1 = Controller name

Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage (CTL = Storage Contr)

Severity

Severity 3 (Informational)

Trap/EventID

4331

OMSA Event ID

2235

OMSA Trap ID

75100

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

Remote System Log

WS Eventing

iDRAC ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔ *

LC Log

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

iDRAC ✔ ✔ ✔

CMC ✔ ✔ ✔ *

CTL31

Message

Copyback is modified for arg1.

Arguments

arg1 = Controller name

Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

Re-issue the command.

Category

Storage (CTL = Storage Contr)

Severity

Severity 3 (Informational)

Trap/EventID

4331

OMSA Event ID

2236

OMSA Trap ID

75100
### CTL32

**Message**  
Abort CC on Error is modified for `arg1`.

**Arguments**  
`arg1` = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
Re-issue the command.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2237

**OMSA Trap ID**  
75100

### CTL33

**Message**  
The `arg1` debug log file has been exported.

**Arguments**  
`arg1` = Controller name
This alert is provided for informational purposes.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

4331

2238

75100

iDRAC ✔

CMC ✔ ✔

iDRAC ✔

CMC ✔ ✔

A foreign configuration was cleared on arg1.

arg1 = controller name

This is the result of a user operation.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

4331

2239

75100

iDRAC ✔

CMC ✔ ✔

iDRAC ✔

CMC ✔ ✔

368
A foreign configuration was imported on arg1.

The operation to import foreign configuration (virtual disks, host spares, and so on) completed successfully.

Verify the foreign configuration was successfully imported by viewing the virtual disks and hot spares. See the hardware documentation for more information.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

4331

2240

75100

The Patrol Read mode has changed for arg1.

This alert is provided for informational purposes.

No response action is required.

Storage (CTL = Storage Contr)

CTL36
A Patrol Read operation started for arg1.

arg1 = controller name

A patrol read operation was initiated by the controller or the user.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)
**CTL38**

**Message**

The Patrol Read operation completed for arg1.

**Arguments**

arg1 = controller name

**Detailed Description**

The patrol read task ended.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2243

**OMSA Trap ID**

75100

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**CTL39**

**Message**

The arg1 reconstruct rate has changed.

**Arguments**

arg1 = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2267
CTL4

Message arg1 alarm is disabled.
Arguments arg1 = Controller name
Detailed Description You have disabled the controller alarm. This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (CTL = Storage Contr)
Severity Severity 3 (Informational)
Trap/EventID 4331
OMSA Event ID 2144
OMSA Trap ID 75100

CTL40

Message Multi-bit ECC error on arg1 DIMM.
Arguments  
arg1 = Controller name

Detailed Description
An error involving multiple bits has been encountered during a read or write operation. The error correction algorithm recalculates parity data during read and write operations. If an error involves only a single bit, it may be possible for the error correction algorithm to correct the error and maintain parity data. An error involving multiple bits, however, generally indicates data loss. In some cases, if the multi-bit error occurs during a read operation, then the data on the disk may be ok. If the multi-bit error occurs during a write operation, then data loss has occurred.

Recommended Response Action
Replace the Dual In-line Memory Module (DIMM). The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM. You may need to restore data from backup.

Category  Storage (CTL = Storage Contr)
Severity  Severity 1 (Critical)
Trap/EventID  4329
OMSA Event ID  2289
OMSA Trap ID  75400

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CTL41

Message  Single-bit ECC error on arg1.
Arguments  
arg1 = Controller name

Detailed Description
An error involving a single bit has been encountered during a read or write operation. The error correction algorithm has corrected this error.

Recommended Response Action
No response action is required.

Category  Storage (CTL = Storage Contr)
Severity  Severity 2 (Warning)
Trap/EventID  4330
OMSA Event ID  2290
CTL42

Message
Enclosure Management Module (EMM) hot plug is not supported on arg1.

Arguments
arg1 = Controller name

Detailed Description
An attempt to hot plug an Enclosure Management Module (EMM) has been detected.

Recommended Response
If the new enclosure and its device are not detected by the operating system, try restarting your system to verify the newly attached enclosure and its sub-components are detected. See the hardware documentation for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2304

OMSA Trap ID
75100

CTL43

Message
Diagnostic message arg1 from arg2
Arguments

arg1 = args, arg2 = Controller name

Detailed Description

This alert is provided for informational purposes. The text for this alert is generated by the utility that ran the diagnostics and can vary depending on the situation.

Recommended Response Action

No response action is required.

Category

Storage (CTL = Storage Contr)

Severity

Severity 3 (Informational)

Trap/EventID

4331

OMSA Event ID

2315

OMSA Trap ID

75100

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CTL44

Message

Diagnostic message arg1 from arg2

Arguments

arg1 = message, arg2 = Controller name

Detailed Description

A diagnostics test failed. The text for this message is generated by the tool that ran the diagnostics and can vary depending on the situation.

Recommended Response Action

Refer to the storage hardware documentation for more information on the diagnostic test.

Category

Storage (CTL = Storage Contr)

Severity

Severity 1 (Critical)

Trap/EventID

4329

OMSA Event ID

2316

OMSA Trap ID

75400
CTL45

**Message**
Single-bit ECC error on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The Dual In-line Memory Module (DIMM) is beginning to malfunction.

**Recommended Response**
Replace the Dual In-line Memory Module (DIMM) to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to hardware documentation for information on replacing the DIMM.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2319

**OMSA Trap ID**
75300

---

CTL46

**Message**
Single-bit ECC error. The arg1 DIMM is critically degraded.

**Arguments**
arg1 = Controller name
The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur.

Replace the DIMM immediately to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM.

Storage (CTL = Storage Contr)

Severity 1 (Critical)

Trap/EventID 4329
OMSA Event ID 2321
OMSA Trap ID 75400

Message Single-bit ECC error on arg1.

Arguments arg1 = Controller name

Detailed Description The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur. The DIMM must be replaced immediately.

Recommended Response Replace the DIMM immediately. The DIMM is a part of the controller battery pack. Refer to your hardware documentation for information on replacing the DIMM.

Category Storage (CTL = Storage Contr)

Severity 1 (Critical)

Trap/EventID 4329
OMSA Event ID 2321
OMSA Trap ID 75400

Message Single-bit ECC error on arg1.

Arguments arg1 = Controller name

Detailed Description The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur. The DIMM must be replaced immediately.

Recommended Response Replace the DIMM immediately. The DIMM is a part of the controller battery pack. Refer to your hardware documentation for information on replacing the DIMM.

Category Storage (CTL = Storage Contr)

Severity 1 (Critical)

Trap/EventID 4329
OMSA Event ID 2321
OMSA Trap ID 75400
**CTL48**

**Message**
A foreign configuration was detected on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller has physical disks that were moved from another controller or have been removed and replaced on the current configuration. These physical disks contain virtual disks that were created on the current or other controller. See the storage hardware documentation for Import Foreign Configuration and Clear Foreign Configuration for more information. Foreign configuration is seen when a controller is replaced.

**Recommended Response Action**
Import or clear the detected foreign configuration using a configuration tool or utility.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2326

**OMSA Trap ID**
75100

**Filter Visibility**

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**CTL49**

**Message**
The NVRAM has corrupted data on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The NVRAM has corrupted data. This may occur after a power surge, a battery failure, or for other reasons. The controller is reinitializing the NVRAM.
Recommended Response Action

No response action is required as the controller is taking the required corrective action. However, if this message is generated often (such as during each reboot), then replace the controller.

Category Storage (CTL = Storage Contr)

Severity Severity 2 (Warning)

Trap/EventID 4330

OMSA Event ID 2327

OMSA Trap ID 75300

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**CTL5**

Message

Bad block replacement error on arg1.

Arguments

arg1 = Controller name

Detailed Description

A portion of a physical disk is damaged. See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

Recommended Response Action

See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

Category Storage (CTL = Storage Contr)

Severity Severity 2 (Warning)

Trap/EventID 4330

OMSA Event ID 2146

OMSA Trap ID 75300

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CTL50

Message
The arg1 NVRAM has corrupt data.

Arguments
arg1 = Controller name

Detailed Description
The NVRAM has corrupt data. The controller is unable to correct the situation.

Recommended Response Action
Replace the controller.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2328

OMSA Trap ID
75300

CTL51

Message
arg1 SAS port report: arg2

Arguments
arg1 = Controller name, arg2 = message

Detailed Description
The text for this message is generated by the controller during runtime and can vary depending on the situation.

Recommended Response Action
Make sure the SAS cables attached to the enclosure/backplane are attached securely. Refer to the storage hardware documentation for more information on checking the cables. Contact technical support if the issue persists.

Category
Storage (CTL = Storage Contr)
**CTL52**

**Message**
arg1 SAS port report: arg2

**Arguments**
arg1 = Controller name, arg2 = args

**Detailed Description**
This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

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CTL53

Message: A controller hot plug has been detected.

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2332

OMSA Trap ID: 75100

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CTL54

Message: arg1 event log: arg2

Arguments: arg1 = Controller name, arg2 = args

Detailed Description: This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2266;2334

OMSA Trap ID: 75100;80100;85100;90100;95100;100100;105100;110100;115100;120100
### CTL55

**Message**

arg1 event log: arg2

**Arguments**

arg1 = Controller name, arg2 = args

**Detailed Description**

The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

**Recommended Response**

If there is a problem, review the controller event log and the Server Administrator alert log for significant events or alerts that may assist in diagnosing the problem.

**Action**

Verify the health of the storage components. See the hardware documentation for more information.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2335

**OMSA Trap ID**

75300

### CTL56

**Message**

arg1 event log: arg2
**Arguments**

arg1 = Controller name, arg2 = args

**Detailed Description**

The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

**Recommended Response Action**

See the hardware documentation for more information.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4329

**OMSA Event ID**

2336

**OMSA Trap ID**

75400

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**CTL57**

**Message**

The factory default settings were restored on arg1.

**Arguments**

arg1 = controller Name

**Detailed Description**

The controller was reset to factory default configuration settings.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2339

**OMSA Trap ID**

75100
CTL58

Message: arg1 SAS SMP communications error arg2

Arguments: arg1 = Controller name, arg2 = args

Detailed Description: The text for this alert is generated by the firmware and can vary depending on the situation. The reference to SMP in this text refers to SAS Management Protocol.

Recommended Response: There may be a SAS topology error. See the hardware documentation for information on correct SAS topology configurations. There may be problems with the cables such as a loose connection or an invalid cabling configuration. See the Cables Attached Correctly section for more information on checking the cables. See the hardware documentation for information on correct cabling configurations. Verify that the firmware version is supported.

Category: Storage (CTL = Storage Contr)

Severity: Severity 1 (Critical)

Trap/EventID: 4329

OMSA Event ID: 2356

OMSA Trap ID: 75400

CTL59

Message: arg1 SAS expander error: arg2
Arguments
arg1 = Controller name, arg2 = args

Detailed Description
There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation point for enclosure components that are failed or degraded. See the enclosure documentation for more information.

Recommended Response
There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation mark for enclosure components that are failed or degraded. See the enclosure documentation for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 1 (Critical)

Trap/EventID
4329

OMSA Event ID
2357

OMSA Trap ID
75400

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔ ✔
CMC ✔ ✔

CTL6

Message
Bad block sense error from arg1

Arguments
arg1 = Controller name

Detailed Description
A portion of a physical disk is damaged. See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

Recommended Response
See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2147
CTL60

Message
A user has discarded data from the \textit{arg1} cache.

Arguments
\textit{arg1} = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2360

OMSA Trap ID
75100

---

CTL61

Message
Physical disks found missing from configuration during boot time on \textit{arg1}.
Arguments: \texttt{arg1} = Controller name

Detailed Description: The controller has detected a change in the storage configuration between its last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

Recommended Response Action: Shut down the system. Re-insert the removed physical disks and re-start the system.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

OMSA Event ID: 2361

OMSA Trap ID: 75300

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**CTL62**

Message: \texttt{arg1} on \texttt{arg2} has missing drives and will go offline at boot.

Arguments: \texttt{arg1} = VD names, \texttt{arg2} = Controller name

Detailed Description: Physical disk(s) have been removed from a virtual disk. The virtual disk will be in Failed state during the next system reboot. This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2362

OMSA Trap ID: 75100
### CTL63

**Message**

Previous configuration was found completely missing during boot time on arg1.

**Arguments**

arg1 = Controller name

**Detailed Description**

The controller is unable to retrieve storage configuration saved during last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

**Recommended Response**

Shut down the system. Re-insert the removed physical disks and re-start the system.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2364

**OMSA Trap ID**

75300

---

**CTL64**

**Message**

Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

**Arguments**

arg1 = args, arg2 = Controller name
Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2371

OMSA Trap ID: 75100

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

iDRAC: ✔
CMC: ✗

LC Log: ✔
LCD: ✔
OS Log: ✔
Power Off: ✔
Power Cycle: ✔
Reset: ✔
Chassis Event Proxy: ✔

CTL65

Message: Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

Arguments: arg1 = args, arg2 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

iDRAC: ✔
CMC: ✗

WS Eventing: ✔
CTL66

Message Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

Arguments arg1 = args, arg2 = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (CTL = Storage Contr)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2373

OMSA Trap ID 75100

CTL67

Message Attempted to import Virtual Disk with missing span on arg1.

Arguments arg1 = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)

Trap/EventID: 4331
OMSA Event ID: 2374
OMSA Trap ID: 75100

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### CTL68

Message: Attempted to import Virtual Disk with missing Physical Disk on arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)
Trap/EventID: 4331
OMSA Event ID: 2375
OMSA Trap ID: 75100

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CTL69

Message
Attempted to import virtual disk with outdated physical disk information on arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2376

OMSA Trap ID
75100

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CTL7

Message
Bad block medium error on arg1.

Arguments
arg1 = Controller name

Detailed Description
A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Recommended Response
See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2148
OMSA Trap ID 75300

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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CTL70

Message Attempted to import an orphan drive on arg1.

Arguments arg1 = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response No response action is required.

Category Storage (CTL = Storage Contr)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2377

OMSA Trap ID 75100

CTL71

Message Attempted to import an incompatible Physical Disk on arg1.
Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2378

OMSA Trap ID
75100

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iDRAC

CMC

CTL72

Message
The foreign configuration overflow has occurred on arg1.

Arguments
arg1 = Controller name

Detailed Description
There is too much foreign configuration data to be imported in one attempt.

Recommended Response Action
Import these foreign configurations in multiple attempts.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2379

OMSA Trap ID
75300
CTL73

Message
Foreign configuration is imported only partially. Some configurations failed to import on arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2380

OMSA Trap ID
75100

CTL74

Message
Preserved cache detected on arg1.

Arguments
arg1 = controller name
Detailed Description
The controller has preserved data in the cache from a virtual disk, which it can no longer locate. No data loss has occurred as the controller is saving these operations in its cache.

Recommended Response
Check for the existence of a foreign configuration and import if any. Check that enclosures are cabled correctly.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

OMSA Event ID
2258

OMSA Trap ID
75300

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**CTL75**

**Message**
Preserved cache discarded on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller cache was discarded by the user. Data may have been lost or corrupted.

**Recommended Response**
If data was corrupted or lost, restore the data to the disk from a backup copy.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2257

**OMSA Trap ID**
75300
**CTL76**

**Message**
A configuration command could not be committed to disk on arg1

**Arguments**
arg1 = Controller name

**Detailed Description**
The controller encountered errors while applying the configuration on the physical disks. The configuration command applied has not taken effect.

**Recommended Response**
Re-issue the failed configuration command or try with a different set of physical disks. Contact technical support if the problem persists.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2401

**OMSA Trap ID**
75400

---

**CTL77**

**Message**
Flash of new firmware image(s) completed on arg1

**Arguments**
arg1 = Controller Name
This alert message occurs if controller firmware is flashed successfully.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

CTL78

Message
Firmware image arg1 is flashing on arg2.

Arguments
arg1 = args, arg2 = Controller Name

Detailed Description
This alert message occurs if controller firmware is flashed.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331
**CTL79**

**Message**  
Controller in arg1 is not supported and will not be powered on.

**Arguments**  
arg1 = controller slot

**Detailed Description**  
This controller does not support features required for this chassis. This controller will not be powered on to prevent data loss.

**Recommended Response**  
Replace the controller with a supported controller.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

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**CTL8**

**Message**  
Bad block extended sense error on arg1.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
A portion of a physical disk is damaged. See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

**Recommended Response**  
See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

OMSA Event ID  
2149

OMSA Trap ID  
75300
### CTL80

**Message**

arg1 experienced the following warning during startup: arg2.

**Arguments**

arg1 = controller name, arg2 = controller message

**Detailed Description**

The controller identified in the message has an issue as displayed in the message.

**Recommended Response**

To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

---

### CTL81

**Message**

Security key assigned to arg1 is modified.

**Arguments**

arg1 = controller name

**Detailed Description**

The security key assigned to the controller identified in the message is modified.
### CTL82

**Message**

`arg1` is functioning normally.

**Arguments**

`arg1` = controller name

**Detailed Description**

The controller identified in the message is functioning normally.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)
## CTL83

**Message**
Communication with *arg1* has been lost.

**Arguments**
*arg1* = controller name

**Detailed Description**
The management controller is not communicating with the storage controller identified in the message. This may be because of any one of the following: a) PCIe subsystem is has stopped functioning b) An issue in the storage controller c) An issue in the management controller.

**Recommended Response**
Restart the server. If the issue persists, contact your service provider.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

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## CTL84

**Message**
*arg1* is running an unsupported firmware version.

**Arguments**
*arg1* = controller name

**Detailed Description**
The firmware on the controller identified in the message is not supported by this version of the CMC. This may result in degraded functionality.

**Recommended Response**
Update the CMC Firmware to the latest version available or revert the controller firmware to a previous version.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330
arg1 is operating at less than optimal bandwidth.

Argument: arg1 = controller name

Detailed Description: The controller identified in the message experienced a PCIe training error and is operating at less than full bandwidth. Until this issue is resolved, a reduction in the storage performance is expected.

Recommended Response: Perform a Powercycle operation on the Chassis. If the issue persists, contact your service provider.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

---

arg1 is operating in Fault Tolerant Mode.

Argument: arg1 = controller name

Detailed Description: The controller is operating in conjunction with another controller to service the same set of virtual and physical disks, providing better redundancy.

---

iDRAC ✔ ✔
CMC ✔ ✔

iDRAC ✔
CMC ✔ ✔

CTL85

CTL86
**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

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**CTL87**

**Message**

arg1 settings do not match the settings of its peer.

**Arguments**

arg1 = controller name

**Detailed Description**

One or more settings on the controller identified in the message do not match the settings of its peer controller. This can cause issues in a fault tolerant setup.

**Recommended Response Action**

Make sure that each controller is using the same setting by reconfiguring the settings of the identified controller.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

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CTL88

Message: arg1 firmware does not match the firmware of its peer controller.

Arguments: arg1 = controller name

Detailed Description: The firmware running on the controller identified in the message does not match the firmware version of its peer controller. This can cause issues in a fault tolerant setup.

Recommended Response Action: Make sure each controller is using the same firmware by updating the firmware of the identified controller.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

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CTL89

Message: arg1 is no longer fault tolerant because the peer controller is not available.

Arguments: arg1 = controller name

Detailed Description: The peer controller is no longer active in this fault tolerant pair. This can be a temporary situation.

Recommended Response Action: Check the chassis log for issues with the peer controller. If the peer controller does not resume normal operations after 5 minutes contact your service provider.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330
### CTL9

**Message**

Bad block extended medium error on arg1.

**Arguments**

arg1 = Controller name

**Detailed Description**

A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Recommended Response**

See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2150

**OMSA Trap ID**

75300

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</table>

### CTL90

**Message**

arg1 is not operating in Fault Tolerant Mode because of an incompatible peer controller.

**Arguments**

arg1 = controller name
Detailed Description: The peer controller is not compatible with the controller identified in the message because of a hardware mismatch.

Recommended Response Action: Replace the peer controller with the same model controller as the controller identified in the message.

Category: Storage (CTL = Storage Contr)

Severity: Severity 1 (Critical)

Trap/EventID: 4329

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**CTL91**

Message: arg1 is unable to communicate with its peer.

Arguments: arg1 = controller name

Detailed Description: The controller identified in the message is unable to communicate with its peer. This can be because of a cabling issue.

Recommended Response Action: Check the cabling between the PERC cards and the expanders. If this does not resolve the issue then contact your service provider.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

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408
CTL92

Message  
arg1 is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller.

Arguments  
arg1 = controller name

Detailed Description  
The controller identified in the message licensed features do not match its peer.

Recommended Response Action  
Update the license on the peer controller.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 2 (Warning)

Trap/EventID  
4330

Filter Visibility  
ipmi, alert, snmp, email, remote system log, ws eventing

iDRAC  

CMC  

LC Log  
ipmi, alert, snmp, email, remote system log, ws eventing

iDRAC  

CMC  

CTL93

Message  
arg1 has been successfully changed to operate in Fault Tolerant mode.

Arguments  
arg1 = controller name

Detailed Description  
The controller identified in the message has been changed to operate as part of a fault tolerant pair.

Recommended Response Action  
No response action is required.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

Trap/EventID  
4331

Filter Visibility  
ipmi, alert, snmp, email, remote system log, ws eventing

iDRAC  

CMC  

LC Log  
ipmi, alert, snmp, email, remote system log, ws eventing

iDRAC  

CMC  

409
arg1 has been successfully changed to operate in single controller mode.

Arguments: arg1 = controller name

Detailed Description: The controller identified in the message has been changed to operate as a single controller and not as part of a fault tolerant pair.

Recommended Response: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

arg1 has left the fault tolerant pair.

Arguments: arg1 = controller name

Detailed Description: The controller identified in the message has stopped operating in a fault tolerant mode.
Recommended Response
This situation may resolve itself in a few minutes. If the situation does not resolve itself or this message is repeated, contact your service provider.

Category  Storage (CTL = Storage Contr)
Severity  Severity 2 (Warning)
Trap/EventID  4330

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CTL96

Message  \(\text{arg1}\) has entered safe mode with limited functionality due to \(\text{arg2}\)

Arguments  \(\text{arg1} = \text{controller name}, \text{arg2} = \text{controller message}\)

Detailed Description  The controller identified in the message has an issue as displayed in the message.

Recommended Response  To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Action

Category  Storage (CTL = Storage Contr)
Severity  Severity 1 (Critical)
Trap/EventID  4329

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**CTL97**

**Message**  
arg1 personality changed to arg2 mode.

**Arguments**  
arg1 = controller name, arg2 = new mode

**Detailed Description**  
The controller identified in the message has been changed to a new personality mode (HBA or RAID).

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2446

**OMSA Trap ID**  
75100

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**CTL98**

**Message**  
Security key assigned to arg1.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The security key provided as input has been assigned to the controller identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331
Security key assigned to arg1 is deleted.

arg1 = controller name

The security key assigned to the controller identified in the message is deleted.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

4331
DH Event Messages

DH001

Message: Resource needed to perform the operation is unavailable.
Detailed Description: Resource temporarily unavailable
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

DH002

Message: Internal I/O failure
Detailed Description: Internal I/O failure
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

DH003

Message: Service tag could not be read
Detailed Description: Service Tag Missing
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
DH004

Message: iDRAC does not have sufficient free resources to generate keys
Detailed Description: Error generation Keys
Recommended Response Action: Boot the OS. If the error persists, contact technical support.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

DH005

Message: CA Cert is corrupted, expired, or does not have signing privileges.
Detailed Description: Invalid CA Cert
Recommended Response Action: Close other iDRAC sessions and activities. Try again.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

DH006

Message: Not the right passphrase for the private key (need to re-write).
Detailed Description: Invalid Passphrase
Recommended Response Action: Validate that the certificate parameter matches the certificate contents; the certificate can be validated using OpenSSL tools.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### DH007

**Message**  
The password unlocked the private key but it was the wrong private key.

**Detailed Description**  
CA priv key/CA Cert mismatch

**Recommended Response**  
Check that the private key parameter is correct. The passphrase can be validated against the private key, passphrase, and certificate can be validated using OpenSSL tools.

**Category**  
Configuration (DH = Cert Mgmt)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### DH008

**Message**  
There was a problem saving the certificate to persistent storage.

**Detailed Description**  
Unable to save the provided client certificate to internal persistent storage.

**Recommended Response**  
Try again. If the error persists, use RACADM command racresetcfg to clear the issue.

**Category**  
Configuration (DH = Cert Mgmt)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### DH009

**Message**  
The operation did not complete successfully because of an unexpected internal problem.

**Detailed Description**  
An unexpected internal problem has occurred and the operation did not complete successfully.

**Recommended Response**  
Remove AC power from the system and re-apply AC power to the system. After the server restarts, retry the operation. If the issue persists, contact your service provider.

**Category**  
Configuration (DH = Cert Mgmt)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*
<table>
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<tr>
<th><strong>DH010</strong></th>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The iDRAC must be reset to apply a new certificate. Until the iDRAC has reset, the old certificate will be active.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Reset the iDRAC. The iDRAC can be reset by pressing the Identify button for 15 seconds. Using the RACADM command line utility, run “racadm racreset”</td>
</tr>
<tr>
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</table>

*No alerts are applicable for this message*
 DIAG Event Messages

 DIAG 0414

 **Message**
 Cables - arg1 not detected.

 **Arguments**
 arg1 = Inverter Name

 **Detailed Description**

 **Recommended Response**

 **Category**
 System Health (DIAG = Diagnostic)

 **Severity**
 Severity 2 (Warning)

 *No alerts are applicable for this message*

 DIAG0000

 **Message**
 Pass

 **Detailed Description**
 All Tests passed

 **Recommended Response**
 OK, life is good.

 **Category**
 System Health (DIAG = Diagnostic)

 **Severity**
 Severity 3 (Informational)

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 DIAG0111

 **Message**
 CPU arg1 : arg2 exception occurred.
Arguments: \( \text{arg1} = \text{Cpu Number}, \quad \text{arg2} = \text{Exception Type} \)

Detailed Description:

Recommended Response: Issue is on system board. Recommend flash the latest BIOS and retry the diagnostics.

Action:

Category: System Health (DIAG = Diagnostic)

Severity: Severity 1 (Critical)

No alerts are applicable for this message

### DIAG0112

**Message**: CPU \( \text{arg1} \) - Machine check exception detected.

**Arguments**: \( \text{arg1} = \text{Cpu Number} \)

**Detailed Description**: Issue is on system board. Recommend flash the latest BIOS and retry the diagnostics.

**Recommended Response**: System Health (DIAG = Diagnostic)

**Severity**: Severity 1 (Critical)

**No alerts are applicable for this message**

### DIAG0114

**Message**: Cache integrity test discrepancy \( \text{arg1} \)

**Arguments**: \( \text{arg1} = \text{Error Reason} \)

**Detailed Description**: Depends on \(<\text{Error Reason}>\). If it is “Unable to start” it usually indicates a software problem. “Cache integrity” could signal a processor cache hardware problem. The other CPU messages could result from hardware or from overheating, if for instance, the fans are marginal or airflow is blocked.

**Recommended Response**: Check temperatures in System Health tab for abnormally high temperatures and make sure airflow baffles are properly installed in the system, if any. Check fan RPM in System Health tab and verify actual fans are properly installed.

**Action**: System Health (DIAG = Diagnostic)

**Severity**: Severity 1 (Critical)

No alerts are applicable for this message
**DIAG0115**

**Message**
CPU Stress Thermal condition. Limit \(\text{arg1}\) C, Actual \(\text{arg2}\) C.

**Arguments**
\(\text{arg1} = \) Degrees, \(\text{arg2} = \) Degrees

**Detailed Description**
Check fans. Check for obstructed air vents. Check for excessive amounts of dust.

**Recommended Response**
MemRx is enabled and repaired all memory errors that were found. DIMM replacement is optional.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)
Severity 3 (Informational)

No alerts are applicable for this message

**DIAG0122**

**Message**
Memory errors detected. Limit exceeded. Additional errors will not be resolved.

**Detailed Description**

**Recommended Response**
MemRx is enabled and detected too many errors for safe resolution. Recommend DIMM replacement.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message

**DIAG0123**

**Message**
UEFI: Memory error detected. OR: LEGACY: Memory - integrity test discrepancy.

**Detailed Description**

**Recommended Response**
MemRX not enabled or not supported. Servers UEFI: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue.

Client LEGACY: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue. Check for latest BIOS.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

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**DIAG0124**

**Message**
arg1, arg2
Arguments  
arg1 = Timestamp, arg2 = Log message

Detailed Description  
Log message is different for the log type supported by the system. An IPMI log may refer to “SEL”, other log types also exist.

Recommended Response Action  
Depends on <Log message>.

Category  
System Health (DIAG = Diagnostic)

Severity  
Severity 3 (Informational)

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**DIAG0125**

Message  
The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted.

Detailed Description  
IPMI System Event Log is full for various reasons or logging has stopped because too many ECC errors have occurred.

Recommended Response Action  
Clear the log and reboot and retest.

Category  
System Health (DIAG = Diagnostic)

Severity  
Severity 2 (Warning)

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</tbody>
</table>
**DIAG0126**

**Message**

The event log(s) must be cleared before testing can continue.

**Detailed Description**

**Recommended Response**

Clear the log, reboot, and retest.

**Action**

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 3 (Informational)

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter</th>
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**LC Log**

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</tbody>
</table>

**DIAG0131**

**Message**

Battery - The battery is not installed.

**Detailed Description**

**Recommended Response**

Install the battery but check for debris or damaged contacts.

**Action**

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

**DIAG0132**

**Message**

Battery - The battery is reaching the end of its usable life.

**Detailed Description**
Recommended Response Action
Category System Health (DIAG = Diagnostic)
Severity Severity 2 (Warning)

No alerts are applicable for this message

DIAG0133

Message Battery - The battery cannot provide sufficient power.
Detailed Description
Recommended Response Action
Category System Health (DIAG = Diagnostic)
Severity Severity 1 (Critical)

No alerts are applicable for this message

DIAG0141

Message Hard Drive - No Hard Drive detected.
Detailed Description
Recommended Response Action
Category Storage (DIAG = Diagnostic)
Severity Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

424
**DIAG0142**

**Message**

**Arguments**
- arg1 = Drive Location
- arg2 = Serial Number
- arg3 = DST Short, DST Long
- arg4 = Error Reason

**Detailed Description**

Recommended Response Action

If <Error Reason> is "terminated" then the disk controller terminated the test so a retry of the test is advisable. Otherwise the hard drive should be replaced. (In the factory, this test type may also be DEFT, in addition to DST Short and DST Long. The "terminated" case should not occur in the field, only in development due to software issues)

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Filter Visibility**

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</table>

**DIAG0143**

**Message**
Hard Drive arg1 - SMART read command unsuccessful.

**Arguments**
- arg1 = Drive Location

**Detailed Description**
Mainly seen with very old hard drives

**Recommended Response Action**

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message
**DIAG0144**

**Message**
Hard Drive arg1 - self test not supported.

**Arguments**
\[arg1 = \text{Drive Location}\]

**Detailed Description**
Mainly seen with very old hard drives

**Recommended Response**

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**DIAG0145**

**Message**
Hard Drive arg1 - S/N arg2, self test did not complete.

**Arguments**
\[arg1 = \text{Drive Location}, \ arg2 = \text{Serial Number}\]

**Detailed Description**
Desktops and Servers: Power down the system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

**Recommended Response**

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Filter Visibility**
- iDRAC ✔
- CMC

**IPMI Alert**

**SNMP Alert**

**Email Alert**

**Remote System Log**

**WS Eventing**

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**DIAG0146**

**Message**
Hard Drive arg1 - S/N arg2, self test log contains previous error(s).

**Arguments**
\[arg1 = \text{Drive Location}, \ arg2 = \text{Serial Number}\]

426
**Detailed Description**

Prior failure checking removed, is now obsolete.

**Recommended Response Action**

- **Category**: Storage (DIAG = Diagnostic)
- **Severity**: Severity 3 (Informational)
- *No alerts are applicable for this message*

---

**DIAG0147**

**Message**

Optical Drive arg1 - Self test: arg2.

**Arguments**

- **arg1** = Nth Drive,
- **arg2** = Error Reason

**Detailed Description**

This typically is a user error since these drives can be disconnected from the system. If disconnected, reconnect the optical drive to system board. Check BIOS setup to make sure the SATA port the drive is connected and has not been disabled. Rerun the diagnostic. If errors persist the optical drive is defective.

**Category**

- **Storage (DIAG = Diagnostic)**

**Severity**

- **Severity 1 (Critical)**

---

**Filter Visibility**

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**LC Log **

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</table>

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**DIAG0148**

**Message**

Hard/Optical Drive arg1 - incorrect status: arg2 arg3.

**Arguments**

- **arg1** = Nth Drive,
- **arg2** = Hex,
- **arg3** = Error Reason
DIAG0149

Message: Optical Drive - no drive detected.

Recommended Response: Storage (DIAG = Diagnostic)

Recommended Action: 

Severity: Severity 3 (Informational)

No alerts are applicable for this message

DIAG0150

Message: Hard Drive - No Hard Drive detected, or disk controller not supported.

Recommended Response: Hard drives on desktops should be found if connected to the chipset disk controller but PERC/SCU/SAS Adapters are not supported by legacy ePSA so if the hard drive is connected to these controllers this message is just a warning. If the system has a hard disk connected to the System Board chipset disk controller, power down the system and check the signal and power connections to it. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

Recommended Action: Storage (DIAG = Diagnostic)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
DIAG0151

Message  Hard Drive arg1 - S/N arg2, incorrect status = arg3 \narg4.

Arguments  arg1 = Drive Location, arg2 = Serial Number, arg3 = 80000000000000??, arg4 = Error Reason

Detailed Description

Recommended Response

Recommended Action

Category  Storage (DIAG = Diagnostic)

Severity  Severity 1 (Critical)

DIAG0152

Message  Optical Drive arg1 - Incorrect status = arg2 arg3.

Arguments  arg1 = Nth Drive, arg2 = Hex, arg3 = Error Reason

Detailed Description

Recommended Response

Recommended Action

Category  Storage (DIAG = Diagnostic)
Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | |
CMC | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

**DIAG0154**

**Message**
Tape Drive `arg1` - S/N `arg2`, incorrect status = `arg3` \n`arg4`.

**Arguments**
`arg1` = Drive Location, `arg2` = Serial Number, `arg3` = 80000000000000??, `arg4` = Error Reason

**Detailed Description**
Check installation of the tape drive, cables and connections. If the error persists, ensure that drive firmware is current.

**Recommended Response**

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | |
CMC | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

**DIAG0155**

**Message**
Hard Drive - Not installed.

**Detailed Description**
<table>
<thead>
<tr>
<th>Recommended Response Action</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power down system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue. This error is issued for notebooks which must have a hard disk so it is an error if not found.</td>
<td>Make sure that the system is running with the latest BIOS and rerun the diagnostics.</td>
</tr>
<tr>
<td>Category</td>
<td>Category</td>
</tr>
<tr>
<td>Storage (DIAG = Diagnostic)</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity</td>
</tr>
<tr>
<td>Severity 1 (Critical)</td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message

### DIAG0212

<table>
<thead>
<tr>
<th>Message</th>
<th>System board - CMOS, Location = arg1 h, Expected = arg2 h, Found = arg3 h.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Hex, arg2 = Hex, arg3 = Hex</td>
</tr>
</tbody>
</table>

### DIAG0213

<table>
<thead>
<tr>
<th>Message</th>
<th>System board - CMOS battery failure detected.</th>
</tr>
</thead>
</table>

### DIAG0221

<table>
<thead>
<tr>
<th>Message</th>
<th>System board - Interval timer not functional.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Make sure the BIOS is current and retry the diagnostics.</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**DIAG0232**

**Message**
RTC - did not generate periodic ticks.

**Detailed Description**

**Recommended Response Action**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**DIAG0233**

**Message**
System board - RTC seconds count is not updating.

**Detailed Description**

**Recommended Response Action**
Make sure the BIOS is current and retry the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**DIAG0234**

**Message**
System board - HPET arg1, incorrect time period. Expected = arg2, Found = arg3.

**Arguments**

arg1 = 1, arg2 = Decimal, arg3 = Decimal
<table>
<thead>
<tr>
<th>Recommended Response Action</th>
<th>Make sure the BIOS is current and retry the diagnostics.</th>
</tr>
</thead>
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<td></td>
<td><em>No alerts are applicable for this message</em></td>
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</tbody>
</table>

**DIAG0235**

<table>
<thead>
<tr>
<th>Message</th>
<th>PM timer 1 had wrong time period. Expected <em>arg1</em>, Actual <em>arg2</em>.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td><em>arg1</em> = Decimal, <em>arg2</em> = Decimal</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
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<td></td>
<td><em>No alerts are applicable for this message</em></td>
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</table>

**DIAG0241**

<table>
<thead>
<tr>
<th>Message</th>
<th>BIOS - A20 gate not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure the BIOS is current and retry the diagnostics.</td>
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<td>Severity 2 (Warning)</td>
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<td></td>
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</tr>
</tbody>
</table>

**DIAG0242**

<table>
<thead>
<tr>
<th>Message</th>
<th>System board - Interrupt controller, IRQ = <em>arg1</em> : <em>arg2</em> not detected.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td><em>arg1</em> = Decimal, <em>arg2</em> = IRQ Description</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
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<td>------------------------------</td>
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<tr>
<td>Severity</td>
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</tbody>
</table>

No alerts are applicable for this message

---

**DIAG0243**

**Message**

USB controller error.

**Detailed Description**

Ensure that USB ports are intact, contain no failed device and that BIOS is current. After corrective action, rerun the diagnostics.

**Recommended Response**

Ensure that USB ports are intact, contain no failed device and that BIOS is current. After corrective action, rerun the diagnostics.

**Action**

Ensure that USB ports are intact, contain no failed device and that BIOS is current. After corrective action, rerun the diagnostics.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

No alerts are applicable for this message

---

**DIAG0244**

**Message**

USB device failed with return code 0x arg1.

**Arguments**

arg1 = Hex

**Detailed Description**

Ensure that the USB device is correctly inserted or try another USB port or device. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

**Recommended Response**

Ensure that the USB device is correctly inserted or try another USB port or device. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

**Action**

Ensure that the USB device is correctly inserted or try another USB port or device. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 2 (Warning)

No alerts are applicable for this message

---

**DIAG0245**

**Message**

Timeout waiting for the device to respond.

**Detailed Description**

Timeout waiting for the device to respond.
**Recommended Response**
Ensure that the USB device is correctly inserted or try another USB port and/or to see if it is just a particular device or port. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

---

**DIAG0251**

**Message**
Event log - The log contains failing records.

**Detailed Description**
This is normally a warning message indicating that the Event Log has not been checked lately. The Event Log provides various BIOS and Diagnostic events.

**Recommended Response**
Make sure that the device firmware and BIOS are current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

---

**DIAG0313**

**Message**
Touchpad - Pointing stick/touchpad not detected.

**Recommended Response**
Make sure that the device firmware and BIOS are current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)
DIAG0314

Message       Thermal: The (arg1) reading (arg2 C) exceeds the thermal limit.
Arguments     arg1 = Sensor Name, arg2 = Degrees
Detailed Description
Recommended Response
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.
Action
Category      System Health (DIAG = Diagnostic)
Severity      Severity 1 (Critical)

Filter Visibility        IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
-------------------------|-----------|-------------|---------------|-----------------|------------------
iDRAC            ✔            □            □            □                □
CMC

-duty-            LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---------------------|-----|-------|-----------|-------------|-------|---------------------
iDRAC            ✔            □            □            □                □
CMC

DIAG0315

Message       Sensor: The (arg1) reading arg2 C) is lower than expected.
Arguments     arg1 = Sensor Name, arg2 = Degrees
Detailed Description
Recommended Response
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.
Action
Category      System Health (DIAG = Diagnostic)
Severity      Severity 2 (Warning)

Filter Visibility        IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
-------------------------|-----------|-------------|---------------|-----------------|------------------
iDRAC            ✔            □            □            □                □
CMC
**DIAG0321**

**Message**
LCD EDID - Unable to access EDID EEPROM.

**Detailed Description**
This could relate to the LCD connector and cables. Otherwise, flash the latest BIOS and retry diagnostics.

**Recommended Response**
Make sure that BIOS is current and rerun diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**DIAG0322**

**Message**
LCD panel - Unable to modify brightness.

**Detailed Description**

**Recommended Response**
Make sure that BIOS is current and rerun diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**DIAG0323**

**Message**
Unable to detect inverter lamp status.

**Detailed Description**

**Recommended Response**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)
### DIAG0324

**Message**
LCD panel - User reported LCD BIST colors were not displayed.

**Detailed Description**

**Recommended Response**
Possible user error, make sure that the BIOS is current and retry diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**No alerts are applicable for this message**

### DIAG0325

**Message**
LCD panel - User provided no input for LCD BIST.

**Detailed Description**

**Recommended Response**
Possible user error, make sure that the BIOS is current and retry diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**No alerts are applicable for this message**

### DIAG0326

**Message**
LCD panel - Unable to turn lamp on or off.

**Detailed Description**

**Recommended Response**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**No alerts are applicable for this message**
**DIAG0327**

**Message**  
LCD panel - Unable to use BIOS interface.

**Detailed Description**

**Recommended Response**  
Make sure that the BIOS is current and retry diagnostics.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

**DIAG0328**

**Message**  
LCD panel - Unable to detect variance in ambient light sensor.

**Detailed Description**

**Recommended Response**  
Make sure that the BIOS is current and retry diagnostics.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

**DIAG0331**

**Message**  
Video controller - No video controller detected.

**Detailed Description**

**Recommended Response**  
Make sure that the BIOS is current and retry diagnostics.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 1 (Critical)

**Filter Visibility**  
iDRAC  
CMC

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</tbody>
</table>
**Message**

Video memory - Video memory integrity test discrepancy.

**Detailed Description**

Recommended Response Action

Make sure that the BIOS is current and retry diagnostics.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 2 (Warning)

---

**Message**

Video - User provided no input for graphics test

**Detailed Description**

Recommended Response Action

No response to a diagnostic prompt and a timeout occurred. Retry the diagnostics.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 3 (Informational)
**DIAG0334**

**Message**
Video - User reported the patterns were not displayed.

**Detailed Description**

**Recommended Response**
Possible user error. Otherwise, make sure that BIOS is current and retry diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**DIAG0411**

**Message**
Cables - arg1 not detected.

**Arguments**
arg1 = Hardware Name

**Detailed Description**

**Recommended Response**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**DIAG0412**

**Message**  
Cables - arg1 not detected.

**Arguments**  
arg1 = AUX LCD Name

**Recommended Response**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

**DIAG0413**

**Message**  
Cables - arg1 not detected.

**Arguments**  
arg1 = LCD Name

**Recommended Response**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

**DIAG0415**

**Message**  
Cables - Check the following cable, jumper, connection, or sensor: arg1.

**Arguments**  
arg1 = Name

**Recommended Response**  
Connect the described cable, jumper, sensor, or connection and retry the diagnostics.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 2 (Warning)
### DIAG0511

**Message**
Fan - The \( \arg_1 \) fan failed to respond correctly.

**Arguments**
\( \arg_1 = \text{Name} \)

**Detailed Description**
The fan may be faulty, check for obstructions to the fan and vents. Make sure that BIOS is current and retry the diagnostics.

**Recommended Response**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

---

### DIAG0512

**Message**
Fan - The \( \arg_1 \) fan is running faster than expected.

**Arguments**
\( \arg_1 = \text{Name} \)

**Detailed Description**
Retry the diagnostics; if the problem persists, the fan is faulty. Make sure that the BIOS is current and retry the diagnostics.
Category: System Health (DIAG = Diagnostic)  
Severity: Severity 1 (Critical)

**DIAG0620**

**Message**
Network arg1 - arg2

**Arguments**
arg1 = Number, arg2 = Failure Message

**Detailed Description**
UEFI Driver provides a DIAGNOSTIC protocol and this protocol supplies a test that failed. Failure Message may be “Packet loopback test failed” or “Register test failed” or something else. Provided by driver not ePSA.

**Recommended Response**
The Network (Ethernet) device may be faulty. Check for bent pins in the Ethernet connector. Make sure that Network device firmware is current. Retry test, if still fails, replace the NIC/NDC/LOM Network device. This may be on the motherboard, or an adapter, or a daughter card, depending on the system.

Category: System Health (DIAG = Diagnostic)  
Severity: Severity 1 (Critical)

**DIAG0621**

**Message**
Network arg1 - Driver version arg2 outdated. Version arg3 or newer required for "arg4"

Category: System Health (DIAG = Diagnostic)  
Severity: Severity 1 (Critical)
**DIAG8001**

**Message**
No BIOS support for software interrupt \( \text{arg1} \) \( \text{h} \), function(ah) \( \text{arg2} \) \( \text{h} \).

**Arguments**
\( \text{arg1} = \text{Hex} \), \( \text{arg2} = \text{Hex} \)

**Detailed Description**

**Recommended Response**

**Action**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**No alerts are applicable for this message**

---

**DIAG8002**

**Message**
No BIOS support for SMI interface function(ah) \( \text{arg1} \) \( \text{h} \); Sensor \( \text{arg2} \) exceeded thermal zone \( \text{arg3} \). Peak zone was \( \text{arg4} \).

**Arguments**
\( \text{arg1} = \text{Hex Function} \), \( \text{arg2} = \text{Name} \), \( \text{arg3} = \text{Decimal} \), \( \text{arg4} = \text{Decimal} \)

**Detailed Description**

---
Recommended Response Action
Should not occur

Category
System Health (DIAG = Diagnostic)

Severity
Severity 3 (Informational)

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | | | | |
CMC | | | | | |

---

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
iDRAC | ✔ | | | | | | |
CMC | | | | | | | |

---

**DIAG8003**

Message
Fan - Unable to set Manufacturing Mode.

Detailed Description

Recommended Response Action
Should not occur

Category
System Health (DIAG = Diagnostic)

Severity
Severity 2 (Warning)

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | | | | |
CMC | | | | | |

---

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
iDRAC | ✔ | | | | | | |
CMC | | | | | | | |

---

**DIAG8004**

Message
Fan - Unable to determine fan speeds.
**Detailed Description**

**Recommended Response**

Should not occur

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 2 (Warning)

**Filter Visibility**

<table>
<thead>
<tr>
<th>IPMI Alert</th>
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<th>WS Eventing</th>
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</thead>
<tbody>
<tr>
<td>✔</td>
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<td></td>
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</tbody>
</table>

**LC Log**

<table>
<thead>
<tr>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tbody>
</table>

**iDRAC**

**CMC**

---

**DIAG8005**

**Message**

LCD BIST not supported. or Fan - Fan speed failure. Expected at least $arg1$, observed $arg2$.

**Arguments**

$arg1 =$ RPM, $arg2 =$ RPM

**Detailed Description**

If LCD BIST error: The LCD BIST may not exist on all systems. Make sure that the BIOS is current and rerun the diagnostics. If Fan speed error: Insure fans are not dirty or obstructed and check for a loose connection.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 3 (Informational)

**Filter Visibility**

<table>
<thead>
<tr>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**iDRAC**

**CMC**

---
**DIAG8006**

**Message**  
Fan - Unable to set fans to \textit{arg1} speed. or No chipset event timer!

**Arguments**  
\textit{arg1} = High, Low, Original

**Detailed Description**  

**Recommended Response**  
Should not occur

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<td>CMC</td>
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</tr>
</tbody>
</table>

**DIAG8007**

**Message**  
Log contains Fan events; Timer expected \textit{arg1} observed \textit{arg2}.

**Arguments**  
\textit{arg1} = Decimal, \textit{arg2} = Decimal

**Detailed Description**  

**Recommended Response**  
For "Log contains Fan events", the events are placed in the log by other sources and ePSA is merely reporting them.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
### DIAG8008

**Message**
Out of memory! `fMalloc()` Failed!: OR: Unable to allocate memory for object data. :OR: Unable to `arg1` testable memory. :OR: Unable to start application processor(s): OR: Unable to stop all APs. The system may be unstable and should be rebooted.

**Arguments**
- `arg1 = Name`

**Recommended Response Action**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**
- ✔

**CMC**

---

### DIAG8009

**Message**
Cannot find memory to free! `fFree()` Failed with pointer `arg1`

**Arguments**
- `arg1 = Hex`

**Recommended Response Action**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)
<table>
<thead>
<tr>
<th>Message</th>
<th>Retrieve vendor ID function error.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

<table>
<thead>
<tr>
<th>Message</th>
<th>Get/Set inverter mode function error. Vendor: \textit{arg1} Revision: \textit{arg2} .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>\textit{arg1} = Name, \textit{arg2} = Decimal</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
</tr>
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<td>Category</td>
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<tr>
<td>Severity</td>
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</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

<table>
<thead>
<tr>
<th>Message</th>
<th>Set lamp off function error. Vendor: \textit{arg1} Revision: \textit{arg2} .</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>\textit{arg1} = Name, \textit{arg2} = Decimal</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
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<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
### DIAG800E

**Message**
Set lamp on function error. Vendor: *arg1* Revision: *arg2*.

**Arguments**
*arg1* = Name, *arg2* = Decimal

**Recommended Response**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### DIAG800F

**Message**
Restore function error. Vendor: *arg1* Revision: *arg2*.

**Arguments**
*arg1* = Name, *arg2* = Decimal

**Recommended Response**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### DIAG8010

**Message**
High-Precision event timer not found.

**Recommended Response**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
DIAG8011
Message    Invalid status return from the device.
Detailed Description
Recommended Response
Action
Category       System Health (DIAG = Diagnostic)
Severity       Severity 3 (Informational)

No alerts are applicable for this message

DIAG8012
Message    Invalid parameter passed to the device.; Unknown test (arg1) selected.
Arguments   arg1 = Decimal
Detailed Description
Recommended Response
Action
Category       System Health (DIAG = Diagnostic)
Severity       Severity 3 (Informational)

No alerts are applicable for this message

DIAG8013
Message    LCD arg1 doesnt support test commands.
Arguments   arg1 = Name
Detailed Description
Recommended Response
Action
Category       System Health (DIAG = Diagnostic)
Severity       Severity 3 (Informational)
**DIAG8014**

**Message**  
ADDF module (arg1) device (arg2) failed with error code arg3, number arg4. No EPSA beep code mapped.

**Arguments**  
arg1 = Name, arg2 = Name, arg3 = Hex, arg4 = hex

**Detailed Description**  
Software error, should not normally occur in field.

**Recommended Response**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

---

**DIAG8015**

**Message**  
Unable to stop all APs. The system may be unstable and should be rebooted.

**Detailed Description**  
Software error, should not normally occur in field.

**Recommended Response**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 1 (Critical)

---

**DIAG8016**

**Message**  
Battery - unable to retrieve battery health.
<table>
<thead>
<tr>
<th>Diagnostic Code</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response</th>
<th>Action</th>
<th>Category</th>
<th>Severity</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAG8017</td>
<td>Battery - BIOS has no support for battery health.</td>
<td>Software error, should not normally occur in field.</td>
<td>System Health (DIAG = Diagnostic)</td>
<td>Severity 3 (Informational)</td>
<td>No alerts are applicable for this message</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIAG8018</td>
<td>Fatal: The module reported multiple test results!!</td>
<td>Software error, should not normally occur in field.</td>
<td>System Health (DIAG = Diagnostic)</td>
<td>Severity 3 (Informational)</td>
<td>No alerts are applicable for this message</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIAG8019</td>
<td>Unable to log to NVRAM.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

454
<table>
<thead>
<tr>
<th><strong>Recommended Response</strong></th>
<th>Software error, should not normally occur in field.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**DIAG8020**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Low memory. arg1 k bytes free!</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = Decimal</td>
</tr>
</tbody>
</table>

**DIAG8021**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>SMBIOS DIMM configuration did not match.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Software error, should not normally occur in field.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**DIAG8154**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Tape Drive arg1 - S/N arg2. ULTRIUM arg3 media found but drive requires ULTRIUM arg4 for arg5.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = Drive Location, arg2 = Serial Number, arg3 = Generation, arg4 = Generation, arg5 = writes</td>
</tr>
</tbody>
</table>
Detailed Description: Each generation of ULTRIUM Tape drives usually supports the previous generation but not newer generation tape media.

Recommended Response Action: Install the correct tape media.

Category: Storage (DIAG = Diagnostic)
Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

DIAG8155

Message: Tape Drive arg1 - S/N arg2, data read does not match data written.

Arguments: arg1 = Drive Location, arg2 = Serial Number

Detailed Description: Data written the tape read back differently, not as expected.

Recommended Response Action: Use a different tape media.

Category: Storage (DIAG = Diagnostic)
Severity: Severity 2 (Warning)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC
**DIAG8156**

**Message**
Tape Drive \( \text{arg1} - \text{S/N arg2} \), no media, cannot test drive.

**Arguments**
\( \text{arg1} = \text{Drive Location}, \text{arg2} = \text{Serial Number} \)

**Detailed Description**
Testing requires scratch tape media.

**Recommended Response**
Install tape media or skip test.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

---

**DIAG8157**

**Message**
\( \text{arg1 Drive arg2} - \text{S/N arg3} \), drive is not a supported drive.

**Arguments**
\( \text{arg1} = \text{Tape|Disk}, \text{arg2} = \text{Drive Location}, \text{arg3} = \text{Serial Number} \)

**Detailed Description**
If <Tape> then only Dell tape drives are tested and supported. If <Disk> then disk drive may not be a Dell drive.

**Recommended Response**
Customer appears to have added a non-Dell Tape drive to his system.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)
DIAG8158

Message: arg1 Drive arg2 - S/N arg3, incorrect status = arg4 \n arg5.

Arguments: arg1 = Backplane|Expander|RD1000, arg2 = Drive Location, arg3 = Serial Number, arg4 = 80000000000000??, arg5 = Error Reason

Detailed Description: A device failed a command and testing cannot complete.

Recommended Response Action: Retry test. If failure persists and BIOS is up to date, a hardware problem is indicated.

Category: Storage (DIAG = Diagnostic)

Severity: Severity 1 (Critical)

---

DIAG8160

Message: PERC Battery arg1 - incorrect status = arg2 \n arg3.

Arguments: arg1 = PERC Controller Location, arg2 = 80000000000000??, arg3 = Error Reason

Detailed Description: "If <Error Reason> is (Battery missing or disconnected) then check the battery cable to the PERC controller. If <Error Reason> is (Replace battery pack) then replace battery pack. If <Error Reason> is (Remaining capacity low) then battery pack may need to be replaced soon."

Recommended Response Action: Storage (DIAG = Diagnostic)

Severity: Severity 2 (Warning)
**DIAG8166**

**Message**
OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application.

**Detailed Description**
A PCI device is functioning at a lower performance that it should be. If the device is in a physical PCI slot then "Slot <decimal>" will be appended to the message.

**Recommended Response**
Run virus scan.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Arguments**
- \( \text{arg1} \) = tag
- \( \text{arg2} \) = hex
- \( \text{arg3} \) = hex
- \( \text{arg4} \) = hex
- \( \text{arg5} \) = hex
- \( \text{arg6} \) = decimal
- \( \text{arg7} \) = decimal
- \( \text{arg8} \) = decimal
- \( \text{arg9} \) = slot

**DIAG8170**

**Message**
PCIe - Training error PciTag- \( \text{arg1} \) VendorID- \( \text{arg2} \) DeviceID- \( \text{arg3} \) SVid- \( \text{arg4} \) SDid- \( \text{arg5} \) Bus \( \text{arg6} \) : Link Degraded, maxLinkWidth = \( \text{arg7} \), negotiatedLinkWidth = \( \text{arg8} \). Slot \( \text{arg9} \)

**Arguments**
- \( \text{arg1} \) = tag
- \( \text{arg2} \) = hex
- \( \text{arg3} \) = hex
- \( \text{arg4} \) = hex
- \( \text{arg5} \) = hex
- \( \text{arg6} \) = decimal
- \( \text{arg7} \) = decimal
- \( \text{arg8} \) = decimal
- \( \text{arg9} \) = slot

**Detailed Description**
A PCI device is functioning at a lower performance that it should be. If the device is in a physical PCI slot then "Slot <decimal>" will be appended to the message.
Recommended Response
Reseat the PCI-Express adapter described and retest.

Category
System Health (DIAG = Diagnostic)

Severity
Severity 2 (Warning)

---

**DIAG8171**

Message
PCIe - PCI device in physical Slot arg1, PciTag arg2, is present but not responding

Arguments
arg1 = decimal, arg2 = hex

Detailed Description
A PCI adapter was detected as present but it does not respond to PCI Configuration Space access, so is very sick or not inserted snugly in the PCI physical slot connector

Recommended Response
Reseat or replace PCI adapter in the PCI slot indicated

Category
System Health (DIAG = Diagnostic)

Severity
Severity 1 (Critical)
**DIAG8611**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>User reported not hearing speaker tone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>If the beep was not heard, verify the internal speakers are connected properly. On some systems, internal speakers are a purchased option. For a given system, if the speaker is optional, it might not exist on that system. If audio is not heard, make sure to unplug anything plugged into an external headphone jack and rerun the test. External HP jacks can mute the internal speakers at the hardware level.</td>
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<tr>
<td><strong>Recommended Response</strong></td>
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<td><strong>Action</strong></td>
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<td><strong>Category</strong></td>
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<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
## DIS Event Messages

### DIS001

**Message**  
Auto Discovery feature not licensed.

**Detailed Description**  
Auto Discovery starts automatically, but was unable to find a valid license. Once you have obtained a valid license and installed it, restart.

**Recommended Response Action**  
Follow service providers instructions to enable the license.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

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### DIS002

**Message**  
Auto Discovery feature disabled.

**Detailed Description**  
Use the Lifecycle Controller or other service to enable Auto Discovery and restart.

**Recommended Response Action**  
If you want AutoDiscovery to locate a Provising Server enable this feature.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

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**DIS003**

**Message**  
Auto Discovery process started.

**Detailed Description**  
Auto Discovery process will try to connect to a Provisioning Server over the next 24 hours.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

---

**DIS004**

**Message**  
Auto Discovery 24-hour timeout occurred. Stopping Auto Discovery process.

**Detailed Description**  
The Auto Discovery process has timed out and stopped. The Auto Discovery process runs for 24 hours from the initial system power on or re-initialization request. Every 90 seconds the Auto Discovery client will attempt to identify and contact the Provisioning Server during this period.

**Recommended Response Action**  
Check for previous messages in the Lifecycle Controller Log that provide more specific information why the timeout occurred.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)
DIS005

Message
Auto Discovery communicated successfully with Provisioning Server arg1.

Arguments
arg1 = provisioning server name

Detailed Description
Message was sent successfully from Auto Discovery to Provisioning Server to request certificate.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

DIS006

Message
Auto Discovery operation successful. Disabling Auto Discovery feature.

Detailed Description
Auto Discovery operation was successful in establishing connection and getting certificate. Auto Discovery feature is no longer needed and has been disabled.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)
**DIS007**

**Message**
Unable to notify Provisioning Server of iDRAC IP address change.

**Detailed Description**
Unable to connect to Provisioning Server to notify about new iDRAC IP.

**Recommended Response Action**
Check Provisioning Server connectivity and retry.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**DIS008**

**Message**
Notification of iDRAC IP address changed to arg1 from arg2 sent to Provisioning Server.

**Arguments**
arg1 = new IP address, arg2 = old IP address

**Detailed Description**
iDRAC IP address change in progress with Provisioning Server.
Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

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**DIS009**

Message
Notification of iDRAC IP address changed to \( \text{arg1} \) sent to Provisioning Server.

Arguments
\( \text{arg1} = \text{new IP address} \)

Detailed Description
iDRAC IP address sent to Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

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**DIS010**

Message
Auto Discovery LCD display message: \( \text{arg1} \)
Arguments  
arg1 = progress message

Detailed Description  
The Auto Discovery process has encountered a problem. One of the following messages will be displayed on the LCD display and entered in the LC log: 1) No credentials returned, 2) Blocked Because Admin Account Enabled, 3) Blocked Because IPv6 Enabled, 4) No IP on NIC, 5) No provisioning server found, 6) Provisioning server is unreachable/invalid address, 7) SSL connection failed no service at IP/port, 8) SSL connection refused, 9) SSL connection failed (Server authentication), 10) SSL connection failed (client authentication), 11) SSL connection failed other, 12) SOAP failure, 13) Failed to create account, 14) Blocked Because Active Directory Enabled, 15) No Service Tag, and 16) Unknown.

Recommended Response  
Refer to Lifecycle Controller Remote Services Users Guide for additional information for LCD messages.

Category  
Configuration (DIS = Auto-Discovery)

Severity  
Severity 3 (Informational)

Filter Visibility  
ipmi Alert  snmp Alert  Email Alert  Remote System Log  WS Eventing

iDRAC  ✔

CMC

DIS011

Message  
Auto Discovery client using customer signed client certificate.

Detailed Description  
Customer provided client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

Recommended Response  
No response action is required.

Category  
Configuration (DIS = Auto-Discovery)

Severity  
Severity 3 (Informational)
### DIS012

**Message**
Auto Discovery client using factory signed client certificate.

**Detailed Description**
Factory signed client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

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### DIS013

**Message**
Auto Discovery client using default client certificate.

**Detailed Description**
Default client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)
### DIS014

**Message**
Auto Discovery client using customer provided CA certificate to authenticate Provisioning Server.

**Detailed Description**
Auto Discovery client is using the customer provided Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

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### DIS015

**Message**
Auto Discovery client using default CA certificate to authenticate Provisioning Server.

**Detailed Description**
Auto Discovery client is using the default Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)
**DIS016**

**Message**  
Response received from Provisioning Server to the notification of iDRAC IP address change.

**Detailed Description**  
Provisioning Server responded to iDRAC IP address change.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

---

**DIS100**

**Message**  
The AutoConfig operation is successful.

**Detailed Description**  
The AutoConfig operation is successfully completed by the iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**  
No response action is required.
### DIS101

**Message**
The execution of AutoConfig operation is started.

**Detailed Description**
The AutoConfig operation is started by iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

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### DIS102

**Message**
Unable to start the AutoConfig import operation, because the AutoConfig import file is not available.
Detailed Description: The AutoConfig configuration import operation could not be started, because the AutoConfig .xml file is not available in the sharename or location specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response: Update the sharename or location in the DHCP scope option field where the VendorID=iDRAC, make sure the AutoConfig import file is available, and then retry the operation.

Category: Configuration (DIS = Auto-Discovery)

Severity: Severity 3 (Informational)

Trap/EventID: 10635

---

Message: The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC.

Detailed Description: The network share folder cannot be accessed by using the credentials specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response: Verify whether or not the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Network share name. 2) The IP address of the network share folder. 3) The username and password (-u <username> & -p <password>)

Category: Configuration (DIS = Auto-Discovery)

Severity: Severity 3 (Informational)

Trap/EventID: 10635

---

iDRAC ✔️ IPMI Alert ✔️ SNMP Alert ✔️ Email Alert ✔️ Remote System Log ✔️ WS Eventing ✔️

CMC ✔️

---

iDRAC ✔️ LC Log ✔️ LCD ✔️ OS Log ✔️ Power Off ✔️ Power Cycle ✔️ Reset ✔️ Chassis Event Proxy ✔️

CMC

---

DIS103
DIS104

Message
The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC.

Detailed Description
The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response
Specify a valid file name in the DHCP scope option field where the VendorID=iDRAC using the (-f <filename>).

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Trap/EventID
10635

DIS105

Message
The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC.

Detailed Description
The network share folder cannot be accessed, because an unsupported or invalid share type is specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response
Enter a valid sharetype in DHCP scope option field where the VendorID=iDRAC using (-s <0 or 1>) where 0 = NFS, 1 = CIFS.

Category
Configuration (DIS = Auto-Discovery)
Severity | Severity 3 (Informational)
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Trap/EventID | 10635

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**DIS106**

**Message**
Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig import file operation could not be successfully completed, because the shutdown type (-d) specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

**Recommended Response**
Enter a valid shutdown type in the DHCP scope option field where the VendorID=iDRAC using (-d <0 or 1>) where 0 = Graceful shutdown and 1 = Forced shutdown.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

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**DIS107**

**Message**
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

474
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

In the DHCP scope option field where VendorID=iDRAC, enter a time-to-wait (-t) value more than 300 seconds and less than 3600 seconds and then retry the operation.

Configuration (DIS = Auto-Discovery)

Severity 3 (Informational)

10635

Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled.

The server could not be successfully configured, because Lifecycle Controller is either not installed or not enabled.

Verify that the Lifecycle Controller firmware on the server being configured is installed and enabled, then restart the iDRAC by pressing the System ID button for 15 seconds. For more information about Lifecycle Controller, see the Lifecycle Controller Users Guide available at dell.com/support/manuals.

Configuration (DIS = Auto-Discovery)

Severity 3 (Informational)

10635

iDRAC CMC
DIS109

**Message**
Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The server could not be configured because the End Host Power State value specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

**Recommended Response**
In the DHCP scope option field where VendorID=iDRAC, enter an end-host-power-state (-e <0 or 1>) where 0 = Powered Off and = Powered On, and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

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**DIS110**

**Message**
The AutoConfig operation is completed.

**Detailed Description**
The AutoConfig operation is completed.

**Recommended Response**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635
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DKM Event Messages

DKM1000

Message: A network problem detected. Cannot contact key management server.
Detailed Description: None
Recommended Response Action: Check for network connectivity. Review network, server, and client configuration.
Category: System Health (DKM = Dell Key Mngr)
Severity: Severity 1 (Critical)

DKM1001

Message: The key management service is operating correctly.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (DKM = Dell Key Mngr)
Severity: Severity 3 (Informational)
DKM1002

Message: Key management server certificate problem detected.

Detailed Description: None

Recommended Response Action: Check server configuration and certificates

Category: System Health (DKM = Dell Key Mngr)

Severity: Severity 1 (Critical)

DKM1004

Message: The key management server received a bad request.

Detailed Description: None

Recommended Response Action: Check for network connectivity. Review network, server, and client configuration.

Category: System Health (DKM = Dell Key Mngr)

Severity: Severity 1 (Critical)
DKM1006

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<th>Key management server error detected.</th>
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<tr>
<td>Detailed Description</td>
<td>None</td>
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<tr>
<td>Recommended Response Action</td>
<td>Review server error logs for additional information.</td>
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ECM Event Messages
ENC Event Messages

ENC1

Message
arg1 was inserted.

Arguments
arg1 = Enclosure Management Module Name

Detailed Description
An Enclosure Management Module (EMM) has failed is inserted into the enclosure.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2296

OMSA Trap ID
95100:85100:75100:

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ENC10

Message
The arg1 asset name was changed.

Arguments
arg1 = Enclosure Name

Detailed Description
You have changed the enclosure asset name. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)
ENC100

Message
arg1 is sending inconsistent responses to the controller.

Arguments
arg1 = enclosure name

Detailed Description
The storage controller is not receiving a consistent response from the enclosure due to a firmware problem or an incorrect cabling configuration. If the cables are longer than the specified maximum length, the signals may be degraded.

Recommended Response
Turn off all the enclosures attached to the system, check if the cable configurations are correct, and reboot the system. If the problem persists, update the enclosure firmware to the latest supported version. Download the latest supported version of the firmware from the service provider. For more information about cable configuration, see storage enclosure documentation.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 1 (Critical)

OMSA Event ID
2300

OMSA Trap ID
85400
ENC11

Message  The arg1 service tag was changed.
Arguments  arg1 = enclosure name
Detailed Description  An enclosure service tag was changed. In most circumstances, this service tag should only be changed by the service provider.
Recommended Response Action  Make sure that the service tag was changed under authorized circumstances.
Category  Storage (ENC = Storage Enclosr)
Severity  Severity 3 (Informational)
Trap/EventID  4339
OMSA Event ID  2153
OMSA Trap ID  85100

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ENC12

Message  Communication resumed on arg1.
Arguments  arg1 = Enclosure Name
Detailed Description  Communication with an enclosure has been restored. This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (ENC = Storage Enclosr)
Severity  Severity 3 (Informational)
Trap/EventID  4339
OMSA Event ID  2162
Unsupported configuration detected on arg1. arg2 arg3

An unsupported configuration was detected. The SCSI rate of the Enclosure Management Modules (EMMs) are not the same.

Replace one of the EMMs with the matching SCSI rate EMM.

Storage (ENC = Storage Enclosr) Severity 2 (Warning)

ENC14

The number of enclosures connected on arg1 has exceeded the maximum limit supported by the controller.
**Arguments**

arg1 = controller name

**Detailed Description**

There are too many enclosures attached to the controller port. When the enclosure limit is exceeded, the controller loses contact with all enclosures attached to the port. This is an unsupported configuration.

**Recommended Response Action**

Remove the extra enclosures. Refer to the storage hardware documentation for maximum number of enclosures that can be connected.

**Category**

Storage (ENC = Storage Enclosr)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4337

**OMSA Event ID**

2191

**OMSA Trap ID**

85400

---

**ENC15**

**Message**

An enclosure blink operation has initiated on arg1.

**Arguments**

arg1 = Enclosure Name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (ENC = Storage Enclosr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4339

**OMSA Event ID**

2259

**OMSA Trap ID**

85100
### ENC16

**Message**  
An enclosure blink has ceased on *arg1*.

**Arguments**  
*arg1* = Enclosure Name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (ENC = Storage Enclosr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4339

**OMSA Event ID**  
2260

**OMSA Trap ID**  
85100

---

### ENC17

**Message**  
An Enclosure Management Module (EMM) has been discovered on *arg1*.

**Arguments**  
*arg1* = Enclosure Name
Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage (ENC = Storage Enclosr)

Severity

Severity 3 (Informational)

Trap/EventID

4339

OMSA Event ID

2291

OMSA Trap ID

85100

---

**ENC18**

Message

Communication with arg1 was lost.

Arguments

arg1 = enclosure name

Detailed Description

The controller has lost communication with an Enclosure Management Module (EMM). The cables may be loose or defective.

Recommended Response Action

Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Reboot the system.

Category

Storage (ENC = Storage Enclosr)

Severity

Severity 1 (Critical)

Trap/EventID

4337

OMSA Event ID

2292

OMSA Trap ID

85400

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
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**iDRAC** | ✔️ | ✔️ | ✔️ | ✔️ | ✔️
**CMC** | ✔️ | ✔️ | ✔️ | ✔️ | ✔️

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
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**CMC** | ✔️ | ✔️ | ✔️ | ✔️ | ✔️

488
ENC19

Message  arg1 has failed.

Arguments  arg1 = Enclosure Management Module Name

Detailed Description  An Enclosure Management Module (EMM) has failed. The failure may be caused by a loss of power to the EMM. The EMM self-test may also have identified a failure. There may also be a firmware problem or a multi-bit error.

Recommended Response  Reseat the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM. Replace the EMM. Contact technical support if the issue persists.

Category  Storage (ENC = Storage Enclosr)

Severity  Severity 1 (Critical)

Trap/EventID  4337

OMSA Event ID  2293

OMSA Trap ID  85400

ENC2

Message  arg1 was removed..

Arguments  arg1 = Enclosure Management Module Name

Detailed Description  An Enclosure Management Module (EMM) was removed.

Recommended Response  Reinsert the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM.
Category: Storage (ENC = Storage Enclosr)
Severity: Severity 1 (Critical)
Trap/EventID: 4337
OMSA Event ID: 2297
OMSA Trap ID: 95400

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ENC21

Message: arg1 has been removed.
Arguments: arg1 = Enclosure elements name
Detailed Description: A device has been removed and the system is no longer functioning in optimal condition.
Recommended Response: Replace the device.
Action

Category: Storage (ENC = Storage Enclosr)
Severity: Severity 1 (Critical)
Trap/EventID: 4337
OMSA Event ID: 2295
OMSA Trap ID: 85400

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**ENC22**

**Message**
The arg1 has a bad sensor arg2.

**Arguments**
arg1 = Enclosure Name, arg2 = args

**Detailed Description**
The enclosure has a bad sensor. The enclosure sensors monitor the fan speeds, temperature probes, and so on.

**Recommended Response**
Refer to the storage hardware documentation for more information.

**Category**
Storage (ENC = Storage Enclosr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4338

**OMSA Event ID**
2298

**OMSA Trap ID**
85300

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**ENC23**

**Message**
arg1 - Issue with PHY arg2.

**Arguments**
arg1 = enclosure name, arg2 = PHY data

**Detailed Description**
There is a problem with a physical connection or PHY in the enclosure identified in the message.

**Recommended Response**
Contact your service provider.

**Category**
Storage (ENC = Storage Enclosr)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4337

**OMSA Event ID**
2299
OMSA Trap ID 85400

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ENC24

Message  Communication with arg1 is intermittent.
Arguments arg1 = enclosure name
Detailed Description The controller is not receiving a consistent response from the enclosure. There could be a firmware problem or an invalid cabling configuration. If the cables are too long, they degrade the signal.
Recommended Response Power down all enclosures attached to the system and reboot. If the problem persists, upgrade the firmware to the latest supported version. Verify the cable configuration is valid. See the storage hardware documentation for valid cabling configurations.
Category Storage (ENC = Storage Enclosr)
Severity Severity 1 (Critical)
Trap/EventID 4337
OMSA Event ID 2268
OMSA Trap ID 10400

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ENC25

Message  
*arg1* has a hardware error.

Arguments  
*arg1* = enclosure name

Detailed Description  
The enclosure or an enclosure component is in a Failed or Degraded state.

Recommended Response  
Verify the health of the enclosure and its components. See the storage hardware documentation for more information. Contact technical support.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 1 (Critical)

Trap/EventID  
4337

OMSA Event ID  
2301

OMSA Trap ID  
85400

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ENC26

Message  
*arg1* is not responding.

Arguments  
*arg1* = enclosure name

Detailed Description  
The enclosure or an enclosure component is in a Failed or Degraded state. It is not responding to storage management commands or there is a connectivity problem between the controller and enclosure.

Recommended Response  
Verify the health of the enclosure and its components. See the hardware documentation to for more information. Contact technical support.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 1 (Critical)

Trap/EventID  
4337
ENC27

Message
SAS or SATA mixing of physical disks is not supported within the \textit{arg1}.

Arguments \texttt{arg1} = Enclosure Name

Detailed Description
The enclosure cannot support both SAS and SATA physical disks. Physical disks may be disabled. This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2303

OMSA Trap ID
85100

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494
ENC28

Message
Enclosure Management Module (EMM) firmware version mismatch detected in arg1 . arg2 arg3 .

Arguments
arg1 = enclosure name, arg2 = EMM 0 version, arg3 = EMM 1 version

Detailed Description
The firmware on the EMM modules is not the same version. Both modules must have the same firmware version. This message is caused when you attempt to insert an EMM module that has a different firmware version than an existing module.

Recommended Response Action
Upgrade to the same version of the firmware on both EMM modules.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2311

OMSA Trap ID
85300

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ENC29

Message
arg1 temperature has returned to normal.

Arguments
arg1 = Enclosure Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)
**ENC3**

**Message**
arg1 is shutdown.

**Arguments**
arg1 = Enclosure Name

**Detailed Description**
The physical disk enclosure is either hotter or cooler than the maximum or minimum allowable temperature range.

**Recommended Response**
Check for factors that may cause overheating or excessive cooling. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot or too cold. Refer to the enclosure documentation for more diagnostic information.

**Category**
Storage (ENC = Storage Enclosr)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4337

**OMSA Event ID**
2112

**OMSA Trap ID**
85400
ENC30

Message  
arg1 firmware download is in-progress.

Arguments  
arg1 = Enclosure Name

Detailed Description  
This alert is provided for informational purposes.

Recommended Response  
No response action is required.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 3 (Informational)

Trap/EventID  
4339

OMSA Event ID  
2354

OMSA Trap ID  
85100

ENC31

Message  
Firmware download on arg1 has failed.

Arguments  
arg1 = Enclosure Name

Detailed Description  
The system was unable to download firmware to the enclosure. The controller may have lost communication with the enclosure. There may have been problems with the data transfer or the download media may be corrupt.

Recommended Response  
Attempt to download the enclosure firmware again. If problems continue, verify that the controller can communicate with the enclosure. Make sure that the enclosure is powered ON. Refer to the storage hardware documentation for information on checking the cables.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 2 (Warning)

Trap/EventID  
4338
OMSA Event ID: 2355
OMSA Trap ID: 85300

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ENC32

Message: Storage Enclosure Processor (SEP) for \textit{arg1} has been rebooted.

Arguments: \textit{arg1} = Enclosure Name

Detailed Description: The SEP has been rebooted as part of the firmware download operation and will be unavailable until the operation completes.

Recommended Response Action: No response action is required.

Category: Storage (ENC = Storage Enclosr)

Severity: Severity 3 (Informational)

Trap/EventID: 4339

OMSA Event ID: 2368

OMSA Trap ID: 85100

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498
ENC33

Message
Redundancy on arg1 is normal.

Arguments
arg1 = Enclosure Name

Detailed
Data redundancy has been restored to an enclosure that previously suffered a loss
Description of redundancy.

Recommended
This alert is provided for informational purposes.
Response

Action

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2124

OMSA Trap ID
130400

ENC4

Message
arg1 firmware mismatch.

Arguments
arg1 = Enclosure Name

Detailed
The firmware on the EMM modules is not the same version. It is required that both
Description modules have the same version of the firmware. This alert may be caused when
you attempt to insert an EMM module that has a different firmware version than an
existing module.

Recommended
Download the same version of the firmware to both EMM modules.
Response

Action

Category
Storage (ENC = Storage Enclosure)

Severity
Severity 2 (Warning)

Trap/EventID
4338
A new enclosure was detected on arg1.

The controller detected a new enclosure. This is due either to a hot plug of an enclosure, or a power state change of an enclosure. In addition, this message is generated if the daisy chain order of the enclosures changes.

No response action is required.

Storage (ENC = Storage Enclosr)

Severity 3 (Informational)
ENC5

Message  
Redundancy on arg1 is degraded

Arguments  
arg1 = Enclosure Name

Detailed Description  
One or more of the enclosure components has failed. For example, a fan or power supply may have failed. Although the enclosure is currently operational, the failure of additional components could cause the enclosure to fail.

Recommended Response Action  
Identify and replace the failed component. To identify the failed component, select the enclosure in the tree view and click the Health subtab. Any failed component will be identified with a red X on the enclosures Health subtab. Alternatively, you can select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 2 (Warning)

Trap/EventID  
4338

OMSA Event ID  
2122

OMSA Trap ID  
130500

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ENC6

Message  
Communication timeout on arg1.

Arguments  
arg1 = Enclosure Name

Detailed Description  
The controller is unable to communicate with an enclosure. There are several reasons for communication loss. For example, there may be a bad or loose cable. An unusual amount of I/O may also interrupt communication with the enclosure. In addition, communication loss may be caused by software, hardware, or firmware problems, bad or failed power supplies, and enclosure shutdown.
Recommended Response Action

Check for problems with the cables. See the Cables attached correctly section for more information on checking the cables. You should also check to see if the enclosure has degraded or failed components. To do this, select the enclosure object in the tree view and click the Health subtab. The Health subtab displays the status of the enclosure components. Verify that the controller has the supported driver and firmware versions installed and that each Enclosure Management Modules (EMMs) are running the same version of supported firmware.

Category: Storage (ENC = Storage Enclosr)
Severity: Severity 2 (Warning)

Trap/EventID: 4338
OMSA Event ID: 2137
OMSA Trap ID: 85300

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ENC7

Message: The arg1 alarm was enabled.

Arguments: arg1 = Enclosure Name

Detailed Description: You have enabled the enclosure alarm. This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (ENC = Storage Enclosr)
Severity: Severity 3 (Informational)

Trap/EventID: 4339
OMSA Event ID: 2138
OMSA Trap ID: 85100
ENC8

Message
The \texttt{arg1} alarm was disabled.

Arguments
\texttt{arg1} = Enclosure Name

Detailed Description
You have disabled the enclosure alarm.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2139

OMSA Trap ID
85100

ENC9

Message
The \texttt{arg1} asset tag was changed.

Arguments
\texttt{arg1} = Enclosure Name
You have changed the enclosure asset tag. This alert is provided for informational purposes.

No response action is required.

Storage (ENC = Storage Enclosr)

Severity 3 (Informational)

Trap/EventID 4339

OMSA Event ID 2151

OMSA Trap ID 85100

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504
EPP Event Messages
FAN Event Messages

FAN0000

**Message**
Fan arg1 RPM is less than the lower warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response**
Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2154

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**FAN0001**

**Message**
Fan arg1 RPM is less than the lower critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response**
Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2153

**LCD Message**
Fan <number> RPM is outside of range. Check fan.
**FAN0002**

**Message**
Fan arg1 RPM is greater than the upper warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.

**Recommended Response**
Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2154

---

**FAN0003**

**Message**
Fan arg1 RPM is greater than the upper critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
The fan is not performing optimally. The fan may be installed improperly or may be failing.
Recommended Response Action

Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category

System Health (FAN = Fan Event)

Severity

Severity 1 (Critical)

Trap/EventID 2153

LCD Message

Fan <number> RPM is outside of range. Check fan.

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**FAN0004**

Message

Fan arg1 RPM is outside of range.

Arguments

arg1 = number

Detailed Description

The fan is not performing optimally. The fan may be installed improperly or may be failing.

Recommended Response Action

Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category

System Health (FAN = Fan Event)

Severity

Severity 1 (Critical)

Trap/EventID 2153

LCD Message

Fan <number> RPM is outside of range. Check fan.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>
FAN0005

Message
Fan arg1 RPM is within range.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (FAN = Fan Event)

Severity
Severity 3 (Informational)

Trap:EventID
2155

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔
✔
✔
✔
✔

CMC
✔
✔
✔

FAN0006

Message
Fan arg1 is removed.

Arguments
arg1 = number

Detailed Description
The fan may be required for optimal performance.

Recommended Response Action
If unintentional, install a fan.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Trap:EventID
2153
Fan arg1 was inserted.

**Arguments**  
arg1 = number

**Recommended Response**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2155

---

**Fan arg1 is present.**

**Arguments**  
arg1 = number

**Detailed Description**  
None
**Recommended Response Action**

No response action is required.

**Category**

System Health (FAN = Fan Event)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2155

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</table>

**FAN0009**

**Message**

Fan arg1 is absent.

**Arguments**

arg1 = number

**Detailed Description**

The fan may be required for optimal performance.

**Recommended Response Action**

If unintentional, install a fan.

**Category**

System Health (FAN = Fan Event)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2153

**LCD Message**

Fan <number> is absent. Check Fan.

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511
**FAN0010**

**Message**  
Fan arg1 is disabled.

**Arguments**  
arg1 = number

**Detailed Description**  
The fan may be required for optimal performance.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2154

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**Filter Visibility**

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| CMC   |             |             |             |                    |             |

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**LC Log**

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| CMC   |         |     |        |           |             |       |                     |

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**FAN0011**

**Message**  
Fan arg1 is enabled.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2155
FAN0012

Message
arg1 RPM is less than the lower warning threshold.

Arguments
arg1 = fan name

Detailed Description
The device is not performing optimally. The device may be installed improperly.

Recommended Response
Remove and re-install the device at the next scheduled service. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 2 (Warning)

Trap/EventID
2154

FAN0013

Message
arg1 RPM is less than the lower critical threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.
Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Filter Visibility
| iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC  | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
| iDRAC | ✔* | ✔ |
| CMC  | ✔* | ✔* |

FAN0014

Message
arg1 RPM is greater than the upper warning threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 2 (Warning)

Filter Visibility
| iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ |
| CMC  | ✔ | ✔ | ✔ | ✔ |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
| iDRAC | ✔* | ✔ |
| CMC  | ✔* | ✔* |
FAN0015

Message
arg1 RPM is greater than the upper critical threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Trap/EventID
2153

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FAN0016

Message
arg1 RPM is outside of normal operating range.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Trap/EventID
2153
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</table>

**FAN0017**

**Message**
arg1 RPM is within normal operating range.

**Arguments**
arg1 = fan name

**Detailed Description**
The RPM of the fan identified in the message is functioning correctly.

**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2155

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</table>

**FAN0018**

**Message**
Enhanced Cooling Mode is not supported for fan arg1.

**Arguments**
arg1 = fan number

**Detailed Description**
Enhanced Cooling Mode is not supported by the type of fan identified in the message.
FAN0019

Message: An incompatibility between operating mode and fan type was corrected for fan arg1.
Arguments: arg1 = fan number
Detailed Description: An incompatibility between operating mode and fan type was corrected for the fan identified in the message.
Recommended Response Action: No response action is required.
Category: System Health (FAN = Fan Event)
Severity: Severity 3 (Informational)

FAN0020

Message: The arg1 is non-functional.
Arguments: arg1 = fan name
Detailed Description: The fan identified in the message has failed or it is not installed correctly.
Recommended Response Action: Remove and re-install the fan or replace the fan, and open the OMSA Web interface to verify if the fan specified in the message is displayed correctly. If the issue persists, contact your service provider.
Category: System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
OMSA Event ID: 5300

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | ✔ | 
CMC | 

No alerts are applicable for this message
FAN0021

Message: arg1 is offline.
Arguments: arg1 = fan name
Detailed Description: The fan identified in the message is removed. However, the fan may be required for optimal system performance.
Recommended Response: Re-install the fan, and open the OMSA Web interface to verify if the fan identified in the message is displayed correctly. If the issue persists, contact your service provider.
Category: System Health (FAN = Fan Event)
Severity: Severity 3 (Informational)
OMSA Event ID: 5303

FAN0022

Message: The arg1 sensor has failed, and the last recorded value by the sensor was arg2 RPM.
Arguments: arg1 = sensor name, arg2 = fan speed
Detailed Description: The sensor identified in the message has failed. The sensor may be required for optimal system performance.
Recommended Response: Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.
Category: System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
OMSA Event ID: 5100
FAN0023

Message
Unable to read the arg1 sensor value.

Arguments
arg1 = sensor name

Detailed Description
The fan sensor identified in the message has failed or the fan has failed.

Recommended Response
Do the following: 1) Remove the old fan, install a new fan and power cycle the system to check if the fan is working properly, 2) Replace the system board if the fan sensor has failed. 3) If the issue persists, contact your service provider.

Category
System Health (FAN = Fan Event)

Severity
Severity 2 (Warning)

OMSA Event ID
5101

FAN0024

Message
The arg1 sensor returned to a normal state with a value of arg2 RPM.

Arguments
arg1 = sensor name, arg2 = fan speed

Detailed Description
The sensor identified in the message has returned to a normal state.
Recommended Response Action
No response action is required.

Category
System Health (FAN = Fan Event)

Severity
Severity 3 (Informational)

OMSA Event ID 5102
OMSA Trap ID 5102

---

### FAN0025

**Message**
The arg1 sensor state has changed to a warning state with a value of arg2 RPM.

**Arguments**
arg1 = sensor name, arg2 = fan speed

**Detailed Description**
The fan identified in the message is not functioning correctly. The fan may be installed incorrectly or may be failing.

**Recommended Response Action**
Remove and re-install the fan, or replace the fan. If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**OMSA Event ID** 5103
**OMSA Trap ID** 5103

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
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**iDRAC** | ✔️* | ✔️ | ✔️ | ✔️ | ✔️
**CMC** | | | | | |

**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | --- | ---
**iDRAC** | ✔️* | | | | | | |
**CMC** | | | | | | | |

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520
## FAN0026

**Message**  
The arg1 sensor detected an error with a value of arg2 RPM.

**Arguments**  
arg1 = sensor name, arg2 = fan speed

**Detailed Description**  
The fan sensor identified in the message indicates that the related fan has exceeded critical RPM thresholds.

**Recommended Response**  
Remove and re-install the fan, or replace the fan with a new fan. If the issue persists, contact your service provider.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

**OMSA Event ID**  
5104

**OMSA Trap ID**  
5104

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## FAN0027

**Message**  
The arg1 sensor has failed with a value of arg2 RPM.

**Arguments**  
arg1 = sensor name, arg2 = fan speed

**Detailed Description**  
The sensor identified in the message has failed. The sensor may be required for optimal system performance.

**Recommended Response**  
Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

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**OMSA Trap ID** 5105

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**FAN1000**

**Message**

arg1 was removed.

**Arguments**

arg1 = Fan Sensor Name

**Detailed Description**

The enclosure detected that a fan was removed and the enclosure is no longer functioning in optimal condition.

**Recommended Response**

Re-insert the fan into the enclosure. Contact technical support if the issue persists.

**Category**

Storage (FAN = Fan Event)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4201

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</table>

**FAN1001**

**Message**

arg1 has been inserted.

**Arguments**

arg1 = Fan Sensor Name
Detailed Description: The enclosure detected that a fan was inserted.

Recommended Response Action: No response action is required.

Category: Storage (FAN = Fan Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4203

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FAN1002

Message: arg1 has failed.

Arguments: arg1 = Fan Sensor Name

Detailed Description: The enclosure detected that a fan has failed and the enclosure is no longer functioning in optimal condition.

Recommended Response Action: Contact technical support.

Category: Storage (FAN = Fan Event)

Severity: Severity 1 (Critical)

Trap/EventID: 4201

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### FAN8500

**Message**  
Enhanced Cooling Mode is Enabled

**Detailed Description**  
Enabling Enhanced Cooling Mode will provide increased airflow capability to the blades by increasing the maximum allowable blower speed at the cost of increased power consumption.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### FAN8501

**Message**  
Enhanced Cooling Mode is Disabled

**Detailed Description**  
Disabling Enhanced Cooling Mode allows for reduced power consumption by reducing the maximum speed of the blowers while still providing sufficient blade airflow.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### FAN8502

**Message**  
Unable to detect the blower `arg1` because the blower may not be optimally operating.

**Arguments**  
`arg1` = blower name

**Detailed Description**  
The current CMC firmware did not detect the blower identified in the message.

**Recommended Response Action**  
Make sure that CMC is using the latest firmware, and then retry the operation.

**Category**  
Audit (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)
FAN8503

Message: The Chassis was turned off because more than two internal fans stopped functioning.

Detailed Description: The Chassis was turned off because more than two Chassis internal fans stopped functioning. The fans with issues are identified in the CMC Hardware (System Event Log) and Chassis Logs.

Recommended Response: Make sure that the Chassis internal fans are functioning. At the command line interface (CLI), enter the following command to identify fans that are not functioning: "racadm getsel". Using the CMC Web GUI, select the chassis, click the Logs tab, and then select Hardware Log. Reinsert or replace fans that are not functioning correctly.

Category: Audit (FAN = Fan Event)
Severity: Severity 1 (Critical)

FAN900

Message: The Enhanced Cooling Mode is successfully enabled.

Detailed Description: The Enhanced Cooling Mode is successfully enabled.
**FAN901**

**Message**
The Enhanced Cooling Mode is successfully disabled.

**Detailed Description**
The Enhanced Cooling Mode is successfully disabled.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

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**FAN902**

**Message**
Cannot enable the Enhanced Cooling Mode because sufficient power is not available.
The Enhanced Cooling Mode cannot be set because required power is not available.

Add PSUs with higher power capability or remove Chassis components such as I/O Modules or servers until the power requirements have been lowered enough to enable the Enhanced Cooling Mode, and then retry the operation.

Configuration (FAN = Fan Event) Severity 2 (Warning)

---

**FAN903**

Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis.

The Enhanced Cooling Mode cannot be enabled because an unsupported fan is present in the Chassis.

Insert a fan that is supported by the Chassis, and then retry the operation. For a list of fans that are supported by Chassis, see the Chassis Management Controller Users Guide.

Configuration (FAN = Fan Event) Severity 2 (Warning)
FAN904

Message: Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled.

Detailed Description: The Enhanced Cooling Mode cannot be enabled because the Maximum Power Conservation Mode is enabled.

Recommended Response Action: Disable the Maximum Power Conservation Mode, and then retry the operation. To disable the mode by using CMC Web interface, click Chassis Overview > Power > Configuration. To disable the mode using the RACADM utility, run the command "racadm config -g cfgThermal -o cfgThermalEnhancedCoolingMode 0".

Category: Configuration (FAN = Fan Event)

Severity: Severity 2 (Warning)

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FAN905

Message: Applying fan configuration settings. This may take several seconds.

Detailed Description: Applying fan configuration settings. This may take several seconds.

Recommended Response Action: No response action required.

Category: Configuration (FAN = Fan Event)

Severity: Severity 2 (Warning)

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## FAN906

**Message**
Changes are not made to the current settings.

**Detailed Description**
Changes are not made to the current settings.

**Recommended Response Action**
Make sure that changes are made to the settings and retry the operation.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

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## FAN907

**Message**
The Enhanced Cooling Mode feature is already enabled.

**Detailed Description**
The Enhanced Cooling Mode feature is already enabled.

**Recommended Response Action**
NoneNo response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

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</table>
**FAN908**

**Message**  
The Enhanced Cooling Mode feature is already disabled.

**Detailed Description**  
The Enhanced Cooling Mode feature is already disabled.

**Recommended Response**  
No response action required.

**Category**  
Configuration (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

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**FAN911**

**Message**  
The attempt to enable the Enhanced Cooling Mode was not successful.

**Detailed Description**  
The attempt to enable the Enhanced Cooling Mode (ECM) was not successful because ECM is already enabled or Gen3 fans are not present in the Chassis.

**Recommended Response**  
Check whether or not the Enhanced Cooling Mode (ECM) is already enabled. Make sure there are Gen3 fans in the Chassis and retry the operation.

**Category**  
Configuration (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

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FC Event Messages

FC001

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

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FC002

**Message**
Unable to allocate memory.

**Detailed Description**
Unable to allocate memory required to perform the operation.

**Recommended Response Action**
Perform an AC power cycle and retry Lifecycle Controller and iDRAC firmware update.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 1 (Critical)

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FC003

Message
Missing required parameter.

Detailed Description
An invalid number of arguments was provided to the method.

Recommended Response
Enter required input parameters and retry. For more information, see Lifecycle Controller Users Guide or the FC HBA Profile specification.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 2 (Warning)

FC004

Message
Invalid parameter value for arg1

Arguments
arg1 = parameter value

Detailed Description
The value for the specified parameter is invalid.

Recommended Response
Make sure that the input parameter values that are provided to the method match the parameter data type and possible values defined in the FC HBA Profile specification.

Category
Configuration (FC = Fiber Channel)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
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<th>Message ID</th>
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<tr>
<td>FC005</td>
<td>The number of AttributeName array elements does not match the AttributeValue array element count.</td>
</tr>
<tr>
<td>FC006</td>
<td>Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled.</td>
</tr>
<tr>
<td>FC007</td>
<td>A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled.</td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>FC005: The number of AttributeName and AttributeValue array elements are not equal.</td>
</tr>
<tr>
<td>FC006: A configuration job already exists for the specified target. No further configuration operations are allowed until the existing job is competed or the job is cancelled.</td>
</tr>
<tr>
<td>FC007: Configuration job already created on the specified target. No further command is allowed until the existing job succeeded or the job is cancelled.</td>
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</tbody>
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<tr>
<td>FC005: Provide equal number of array elements for AttributeName and AttributeValue parameters. For more information about input parameters, see FC HBA Profile specification.</td>
</tr>
<tr>
<td>FC006: Wait until the existing configuration job for the targeted component is complete or cancel the existing job before retrying the operation.</td>
</tr>
<tr>
<td>FC007: Wait for the existing job to complete or cancel the existing job and retry the operation.</td>
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No alerts are applicable for this message
**FC008**

**Message**
No pending data present to create a Configuration job.

**Detailed Description**
No changes are available between the previous configuration and the current configuration. To create a Configuration job, change at least one attribute.

**Recommended Response**
Change the configuration of one or more attributes and retry creating the Configuration job.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**FC009**

**Message**
Lifecycle Controller is currently in use.

**Detailed Description**
Lifecycle Controller cannot gain access to internal storage due to use by another application or operation.

**Recommended Response**
Wait for Lifecycle Controller to complete the current operation. Make sure that the system is: 1) Not currently in Lifecycle Controller Unified Server Configurator 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**FC010**

**Message**
Unable to create Configuration job because Lifecycle Controller is not enabled.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (FC = Fiber Channel)
Severity  Severity 2 (Warning)

No alerts are applicable for this message

**FC011**

**Message**  Configuration job already created, pending data cannot be deleted

**Detailed Description**  Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

**Recommended Response**  Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

**Category**  Configuration (FC = Fiber Channel)

**Severity**  Severity 2 (Warning)

No alerts are applicable for this message

**FC012**

**Message**  No pending data to delete.

**Detailed Description**  No changes to component attribute data are available between the previous configuration and the current configuration.

**Recommended Response**  No response action is required.

**Category**  Configuration (FC = Fiber Channel)

**Severity**  Severity 3 (Informational)

No alerts are applicable for this message

**FC013**

**Message**  Invalid AttributeName: \texttt{arg1}.

**Arguments**  \texttt{arg1} = parameter name

**Detailed Description**  An incorrect AttributeName parameter name was provided.

**Recommended Response**  Enter the correct AttributeName available for the component in the system. Identify the correct AttributeName from the attribute enumeration response for the component or refer to the FC HBA Profile specification.

**Category**  Configuration (FC = Fiber Channel)

**Severity**  Severity 2 (Warning)
No alerts are applicable for this message

**FC014**

**Message**
Invalid AttributeValue parameter content for corresponding AttributeName \( arg1 \).

**Arguments**
\( arg1 \) = parameter name

**Detailed Description**
The AttributeValue parameter is invalid due to one of the following:
1) The length of new AttributeValue is not within the minimum length and maximum length range or does not comply with the governing regular expression
2) Value of new AttributeValue is not within the lower bound and upper bound range limits
3) The value is not one of the possible values.

**Recommended Response Action**
For valid attribute values, see the FC HBA Profile specification.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**FC015**

**Message**
Unable to change read-only attribute \( arg1 \).

**Arguments**
\( arg1 \) = parameter name

**Detailed Description**
A set attribute operation was not successful because the attribute is read-only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**FC016**

**Message**
Unable to change the attribute value of the disabled attribute \( arg1 \).

**Arguments**
\( arg1 \) = parameter name

**Detailed Description**
A set attribute operation was not successful because the attribute is disabled.
No response action is required.

Category: Configuration (FC = Fiber Channel)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

**FC017**

Message: Unable to perform the operation due to an internal error in iDRAC.

Detailed Description: An internal error occurred in iDRAC and the operation cannot continue. An iDRAC reset is required to recover from the error.

Recommended Response Action: Disconnect the AC power source from the system, reconnect the power source, and retry the operation.

Category: Configuration (FC = Fiber Channel)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

**FC102**

Message: The FC arg1 port arg2 link is not functioning either because the FC cable is not connected or the FC device is not functioning.

Arguments: arg1 = controller ID, arg2 = port ID

Detailed Description: The FC controller port link identified in the message is not functioning either because the FC cable is not connected or the FC device is not functioning.

Recommended Response Action: Do the following: 1) Make sure that the FC port is enabled. 2) Make sure the Activity/Speed LEDs are lit if the physical port has LEDs. 3) Check the FC cable and FC cable connections for proper installation. 4) Check that the attached FC switch is functioning.

Category: System Health (FC = Fiber Channel)
Severity: Severity 2 (Warning)

Trap/EventID: 2538

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FC103

**Message**
The FC arg1 port arg2 network connection is successfully started.

**Arguments**
arg1 = controller ID, arg2 = port ID

**Detailed Description**
The network connection of the FC controller port link identified in the message is successfully started.

**Recommended Response Action**
No response action required.

**Category**
System Health (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2539
FCD Event Messages

FCD8500

Message: Unable to apply the arg1 configuration. The affected servers (slot arg2) are not turned off.

Arguments: arg1 = configuration name, arg2 = slot number

Detailed Description: The server specified in the message must be turned off or the server slot must be empty before changing the FlexAddress configuration.

Recommended Response Action: Turn off the server and retry the operation.

Category: Audit (FCD = Feature Card)

Severity: Severity 2 (Warning)

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

| iDRAC | ✔ | ✔ | ✔ | ✔ |
| CMC   | ✔ | ✔ | ✔ | ✔ |

FCD8501

Message: The feature is deactivated: arg1.

Arguments: arg1 = feature name

Detailed Description: The FlexAddress, FlexAddress+ or extended storage feature is deactivated. Turn chassis off and remove the feature card.

Recommended Response Action: Turn chassis off and remove the feature card.

Category: Audit (FCD = Feature Card)

Severity: Severity 1 (Critical)
FCD8503

Message: The feature is activated in the chassis: arg1

Arguments: arg1 = feature name

Detailed Description: Chassis already has the feature identified in the message activated. Only one instance of a feature can be activated at a time. If the feature must be activated on the new card, it must be deactivated before activating.

Recommended Response Action: No response action is required

Category: Audit (FCD = Feature Card)

Severity: Severity 3 (Informational)

FCD8504

Message: The feature was previously activated on another chassis.

Detailed Description: The card was installed and activated on another chassis. To use this card, it must be deactivated (uninstalled) on the other chassis.

Recommended Response Action: Remove the card and install it on the chassis where the feature is activated.
**Category** Audit (FCD = Feature Card)

**Severity** Severity 3 (Informational)

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**Message** The features cannot be deactivated when the chassis is turned on.  
**Detailed Description** Features cannot be deactivated when the chassis is turned on.  
**Recommended Response** Turn off the chassis via the Web interface or RACADM command line interface before deactivating the feature. To turn off the chassis using Racadm type `racadm chassisaction -m chassis powerdown`. To deactivate the feature using RACADM, type `racadm <feature> -d` where `<feature>` is the name of the feature to be deactivated.  

**Category** Audit (FCD = Feature Card)

**Severity** Severity 2 (Warning)

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**Message** Unable to activate the `arg1`. The chassis service tag is unavailable.

**Arguments** `arg1` = feature name
Detailed Description
The CMC is not responding. The chassis has the factory-programmed service tag.

Recommended Response
Contact your service provider.

Category
Audit (FCD = Feature Card)

Severity
Severity 1 (Critical)

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FLDC Event Messages

FLDC1001

Message
The journal mirror at path = arg1 is available.

Arguments
arg1 = World Wide Name

Detailed Description
The entry in the journal for the device identified in the message with the WWN (World Wide Name) is available.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2700

OMSA Trap ID
160100

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iDRAC

CMC

FLDC1002

Message
The following journal mirror is being replaced: File Path Name = arg1.

Arguments
arg1 = file path

Detailed Description
The journal mirror at the reported file path is being replaced. This event is a notification that the journal mirror replacement is now complete.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2701
FLDC1003

**Message**
Cache flushing has started for the virtual disk with WWN = \( \text{arg1} \) and path = \( \text{arg2} \).

**Arguments**
\( \text{arg1} = \) World Wide Name, \( \text{arg2} = \) device pathname

**Detailed Description**
The cache flushing operation has started for the virtual disk identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2875

**OMSA Trap ID**
90100

FLDC1004

**Message**
Cache flushing has completed for the virtual disk with WWN = \( \text{arg1} \) and path = \( \text{arg2} \).

**Arguments**
\( \text{arg1} = \) World Wide name, \( \text{arg2} = \) device pathname
Detailed Description
The cache flushing operation has completed for the virtual disk identified in the message.

Recommended Response
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2876

OMSA Trap ID
90100

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**FLDC1006**

Message
The cache device *arg1* with WWN = *arg2* and path = *arg3* is registered.

Arguments
*arg1* = physical disk name, *arg2* = World Wide Name, *arg3* = device pathname

Detailed Description
The cache device identified in the message is registered by the Fluid Cache.

Recommended Response
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2903

OMSA Trap ID
90100

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FLDC1007

Message
The cache device arg1 with WWN = arg2 and path = arg3 is removed.

Arguments
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The cache device identified in the message is removed from the Fluid Cache configuration.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2904

OMSA Trap ID
90100

FLDC1008

Message
The cache device arg1 with WWN = arg2 and path = arg3 is being removed.

Arguments
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The cache device identified in the message is being removed from the Fluid Cache configuration.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)
**FLDC1009**

**Message**  
Caching is being removed for the *arg1* with WWN = *arg2* and path = *arg3*.

**Arguments**  
*arg1* = virtual disk name, *arg2* = World Wide Name, *arg3* = device pathname

**Detailed Description**  
Caching is being removed for the virtual disk identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (FLDC = Unknown)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2906

**OMSA Trap ID**  
120100;150100;160100

---

**FLDC1010**

**Message**  
Caching is enabled on the *arg1* with wwn = *arg2* and path = *arg3*.

---
Arguments

arg1 = virtual disk name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
Caching is enabled on the virtual disk identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2907

OMSA Trap ID
120100:150100

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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FLDC1012

Message
Caching is disabled for the arg1 with WWN = arg2 and path = arg3.

Arguments
arg1 = virtual disk name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The operation to disable caching is successful. Caching is disabled for the virtual disk identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2910

OMSA Trap ID
120100:150100:160100

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549
FLDC1013

Message

The cached LUN with WWN = \textit{arg1} and path = \textit{arg2} for \textit{arg3} has had a failure.

Arguments

\textit{arg1} = World Wide Name, \textit{arg2} = device pathname, \textit{arg3} = virtual disk name

Detailed Description

The cached LUN identified in the message has had a failure to successfully perform a read or write operation. The user application should now be seeing I/O failures when trying to read or write to the Fluid Cache device at the path identified in the message.

Recommended Response Action

Contact your service provider to diagnose the cause and assist in recovery process.

Category

Storage (FLDC = Unknown)

Severity

Severity 1 (Critical)

OMSA Event ID

2911

OMSA Trap ID

140400

FLDC1014

Message

Replication of the cache device \textit{arg1} with WWN = \textit{arg2} and path = \textit{arg3} is complete.

Arguments

\textit{arg1} = physical device name, \textit{arg2} = World Wide Name, \textit{arg3} = device pathname

Detailed Description

Replication of the cache device identified in the message is complete.

Recommended Response Action

No response action is required.
Category: Storage (FLDC = Unknown)
Severity: Severity 3 (Informational)
OMSA Event ID: 2912
OMSA Trap ID: 90100

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**FLDC1015**

**Message:** Recovery of the cache device arg1 with wwn = arg2 and path = arg3 is complete.

**Arguments:**
- **arg1** = physical disk name,
- **arg2** = World Wide Name,
- **arg3** = device pathname

**Detailed Description:** The recovery of the cache device identified in the message complete.

**Recommended Response Action:** No response action is required.

Category: Storage (FLDC = Unknown)
Severity: Severity 3 (Informational)
OMSA Event ID: 2913
OMSA Trap ID: 90100

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**FLDC1016**

**Message**
A valid permanent license is installed for Fluid Cache.

**Detailed Description**
A valid permanent license is installed for Fluid Cache.

**Recommended Response**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2914

**OMSA Trap ID**
160100

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**FLDC1017**

**Message**
A license has been installed for Fluid Cache.

**Detailed Description**
A license has been installed for Fluid Cache.

**Recommended Response**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2920

**OMSA Trap ID**
160100
**FLDC1018**

**Message**  
A license has been removed for Fluid Cache.

**Detailed Description**  
A license has been removed for Fluid Cache.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (FLDC = Unknown)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2921

**OMSA Trap ID**  
160100

---

**FLDC1019**

**Message**  
All cache devices have been found and registered for Fluid Cache.

**Detailed Description**  
All cache devices have been found and registered for Fluid Cache.

**Recommended Response Action**  
No response action is required.
Category: Storage (FLDC = Unknown)
Severity: Severity 3 (Informational)
OMSA Event ID: 2924
OMSA Trap ID: 160100

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**FLDC1020**

Message: The storage device with WWN = \( arg1 \) and path = \( arg2 \) is in unknown state.
Arguments: \( arg1 = \text{wwn name} \), \( arg2 = \text{path name} \)
Detailed Description: The storage device identified in the message is in unknown state.
Recommended Response Action: Service is required. Contact your service provider.

Category: Storage (FLDC = Unknown)
Severity: Severity 2 (Warning)
OMSA Event ID: 2909
OMSA Trap ID: 120300;150300

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554
**FLDC1021**

**Message**
The journal mirror entry with WWN = arg1 is not accessible.

**Arguments**
arg1 = World Wide Name

**Detailed Description**
The device identified in the message having the journal mirror entry with given WWN (World Wide Name) is not accessible. A portion of an SSD is used for journal content. To assure consistnecy, the journal content is written into two other SSDs. These copies are journal mirrors. If the journal content cannot be written to any of the journal mirrors, then this event is signaled. It is a warning because the FLDC code will then attempt to choose another SSD to be a journal mirror.

**Recommended Response Action**
No response action is required..

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2702

**OMSA Trap ID**
160300

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**FLDC1022**

**Message**
The associated server of the Cache Device arg1 with WWN = arg2 is not configured.

**Arguments**
arg1 = physical disk name, arg2 = World Wide Name

**Detailed Description**
The cache device identified in the message with given WWN does not exist in the Fluid Cache configuration.

**Recommended Response Action**
To identify the cause of the configuration inconsistency, contact your service provider.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)
OMSA Event ID: 2874
OMSA Trap ID: 90300

**Filter Visibility**
- IPMI Alert: ✔
- SNMP Alert: ✔
- Email Alert: ✔
- Remote System Log: ✔
- WS Eventing: ✔

**FLDC1023**

**Message**
Fluid Cache is running on an evaluation license and the evaluation license expires in `arg1` days.

**Arguments**
- `arg1` = days

**Detailed Description**
Fluid Cache is currently running on an evaluation license and the evaluation license expires in the number of days identified in message.

**Recommended Response**
A permanent license for Fluid Cache should be purchased for continued service.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

OMSA Event ID: 2916
OMSA Trap ID: 160100

**Filter Visibility**
- IPMI Alert: ✔
- SNMP Alert: ✔
- Email Alert: ✔
- Remote System Log: ✔
- WS Eventing: ✔

**FLDC1024**

**Message**
Caching was enabled in write-back mode, but it is currently operating in write-through mode.
Caching was enabled in write-back mode but currently it is operating in write-through mode because the fluid Cache Pool has one PCIe-SSD.

Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

Storage (FLDC = Unknown)
Severity 2 (Warning)
OMSA Event ID 2930
OMSA Trap ID 120300;150300;160300

Caching was enabled in write-back or write-through mode, but currently it is operating in write-through mode because fluid Cache Pool has no PCIe-SSD device.

Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

Storage (FLDC = Unknown)
Severity 2 (Warning)
OMSA Event ID 2931
OMSA Trap ID 120300;150300;160300

Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode.

Caching was enabled in write-back mode or write through mode, but currently it is operating in write-through mode because fluid Cache Pool has no PCIe-SSD device.
**FLDC1026**

**Message**
Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache.

**Detailed Description**
The caching mode has been restored back to write-back mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2932

**OMSA Trap ID**
120300;150300;160300

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**FLDC1027**

**Message**
Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache.

**Detailed Description**
The caching mode has been restored back to the configured mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)
OMSA Event ID 2933
OMSA Trap ID 120300;150300;160300

---

**FLDC1028**

*Message*  
OMSS Connection to Fluid Cache service is no longer present.

*Detailed Description*  
The communications connection between OMSS and the Fluid Cache service is no longer present.

*Recommended Response*  
To reconnect OMSS to the Fluid Cache service:  
1) Verify the Fluid Cache service is running. To verify the service run the following command: "fldc --status".  
2) Re-establish the connect by running the following command: "omconfig storage fluidcache action=connect"

*Category*  
Storage (FLDC = Unknown)

*Severity*  
Severity 1 (Critical)

OMSA Event ID 2699
OMSA Trap ID 160400

---

**FLDC1029**

*Message*  
There are not enough journal mirrors available for Fluid Cache to operate.
Detailed Description
The message indicates that there are not enough journal mirrors available for Fluid Cache to operate. Make sure that there are at least two journal mirrors that are accessible. Activate either one or more failed cache devices or use the fdlc_restore utility to rebuild the node.

Recommended Response Action
Contact your service provider to diagnose the cause and assist in recovery process.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2703

OMSA Trap ID
160400

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**FLDC1030**

Message
The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache.

Detailed Description
An Inconsistency was found in Fluid Cache configuration data.

Recommended Response Action
Service is required. Contact your service provider.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2704

OMSA Trap ID
160400

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The journal could not be read or written to for Fluid Cache.

Unable to access redundant Fluid Cache configuration information.

Service is required. Contact your service provider.

The cache device with WWN = arg1 and path = arg2 is no longer functional.

Replace the non-functional PCIe SSD.

Replace the non-functional PCIe SSD.

Contact your service provider.
OMSA Trap ID 90400

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**FLDC1033**

**Message**
The storage device WWN = arg1 and path = arg2 is either inaccessible or no longer functional.

**Arguments**
arg1 = wnn name, arg2 = path name

**Detailed Description**
The message indicates that the storage device is either inaccessible or is no longer functional.

**Recommended Response**
If the virtual disk is inaccessible, restore accessibility by bringing the virtual disk back online. After the virtual disk is accessible, run the following command to reactivate disk, "omconfig storage vdisk action=reactivate controller=id vdisk=id devicename=<string>". If the device is no longer functional, replace it.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2901

**OMSA Trap ID**
120400;150400

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**FLDC1034**

**Message**
A valid license is not installed for Fluid Cache.
Detailed Description
A valid license is not installed for Fluid Cache.

Recommended Response
Install a valid Fluid Cache license. For more information, contact your service provider.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2915

OMSA Trap ID
160400

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**FLDC1035**

Message
Configuration changes are not allowed, because Fluid cache is running on an expired evaluation license (Expired days: \( \text{arg1} \)).

Arguments
\( \text{arg1} = \) number of days

Detailed Description
Configuration changes are not allowed because Fluid Cache is running on an expired evaluation license. The message also indicates the number of days that Fluid Cache has been running with an expired license (maximum 30 days after expiration are allowed).

Recommended Response
Install a valid Fluid Cache license. For more information, contact your service provider.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2917

OMSA Trap ID
160400

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FLDC1036

Message: Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days: \textit{arg1}).

Arguments: \textit{arg1} = number of days

Detailed Description: Caching functionality is disabled because Fluid cache is running on an expired evaluation license. The message also indicates the number of days that Fluid Cache has been running with an expired license (maximum 30 days after expiration are allowed).

Recommended Response Action: Install a permanent Fluid Cache license.

Category: Storage (FLDC = Unknown)

Severity: Severity 1 (Critical)

OMSA Event ID: 2918

OMSA Trap ID: 160400

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

FLDC1037

Message: Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

Detailed Description: Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

Recommended Response Action: Install a permanent Fluid Cache license.
**FLDC1038**

**Message**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Detailed Description**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Recommended Response**
The minimum memory required to run Fluid Cache for DAS is 16 GB. For optimum operation, recommendation is to install 32 GB of RAM.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2922

**OMSA Trap ID**
160400

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Message
One or more cache devices are missing, resulting in Fluid Cache to be unresponsive.

Detailed Description
One or more cache devices are missing and the cache is unresponsive.

Recommended Response
Insert the missing cache device. If the cache device was unplugged, reactivate it.

Action
Reactivate a cache device by running the following command: "omconfig storage pciessd action=reactivate subsystem=id pciedevice=<PDISKID>"

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2923

OMSA Trap ID
160400

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</table>
FSD Event Messages

FSD000

Message
Debug authorized by customer; debugcaps: arg1, was authorized by: arg2, at arg3 for the period: arg4 to arg5.

Arguments
arg1 = DebugCaps, arg2 = iDRAC User, arg3 = unblock time, arg4 = start time, arg5 = end time

Detailed Description
The customer has authorized the specified debug capabilities on this iDRAC. (This should occur in response to a request from Dell tech support.) Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.

Recommended Response Action
No response action is required.

Category
Audit (FSD = Debug)

Severity
Severity 3 (Informational)

Trap/EventID
8595

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC

FSD001

Message
Debug authorized by Dell; debugcaps: arg1, at arg2, was authorized by Dell employee: arg3, for the time period arg4 to arg5

Arguments
arg1 = DebugCaps, arg2 = grant time, arg3 = Dell employee, arg4 = start time, arg5 = end time

Detailed Description
Dell has authorized the specified debug capabilities. Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.

Recommended Response Action
No response action is required.

Category
Audit (FSD = Debug)
FSD002

Message
Debug authorization failed; for debugCaps: arg1, authorized by iDRAC user: arg2, and Dell employee: arg3, at arg4 for the period: arg5 to arg6.

Arguments
arg1 = DebugCaps, arg2 = iDRAC user, arg3 = Dell employee, arg4 = unblock time, arg5 = start time, arg6 = end time

Detailed Description
A RACADM Debug command failed. If the RACADM Debug command was executed under the direction of Dell tech support then further assistance from tech support should be requested. Otherwise this command is not intended for customer use.

Recommended Response Action
Verify all of the following 1) ensure that the unblock, grant, and invoke/start/stop/resume commands are all executed against the same iDRAC. 2) ensure dat.ini file has not been changed in any way. 3) ensure that current date falls between the start and end times. Note that Dell can further restrict both the set of debugCaps that is authorized and the start and stop times. If an authorized person did not enter a RACADM debug command then an attacker may have entered the command.

Category
Audit (FSD = Debug)

Severity
Severity 2 (Warning)
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HWC Event Messages

HWC0001

Message             Unable to complete the operation as there is no response from iDRAC.
Detailed Description The error is caused due to iDRAC failure.
Recommended Response 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system.
Category             Configuration (HWC = Hardware Config)
Severity             Severity 1 (Critical)

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</table>

HWC0002

Message             Unable to detect vFlash SD card.
Detailed Description The vFlash SD Card is either not present or not correctly inserted.
Recommended Response Insert the vFlash SD card or reinsert the vFlash SD card, and retry the operation.
Category             Configuration (HWC = Hardware Config)
Severity             Severity 2 (Warning)

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</table>
### HWC0003

**Message**
Successfully initialized vFlash SD card.

**Detailed Description**
vFlash SD card was successfully initialized.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

### HWC0004

**Message**
Unable to initialize vFlash SD card.

**Detailed Description**
The vFlash SD card is incorrectly inserted, the vFlash SD card is faulty, or there is an iDRAC communication failure.

**Recommended Response Action**
Reinsert or replace the vFlash SD card, or reset iDRAC, and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)
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### HWC0005

**Message:** Internal error while retrieving update information.

**Detailed Description:** Internal error while retrieving firmware version for the currently installed components. For more information about the failure, see Lifecycle Log.

**Recommended Response:** 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category:** Configuration (HWC = Hardware Config)

**Severity:** Severity 1 (Critical)

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</tbody>
</table>

### HWC0006

**Message:** Unable to save vFlash SD card settings.

**Detailed Description:** If a vFlash SD card is not present in the system or if the card is locked, Lifecycle Controller cannot save the settings.

**Recommended Response:** Insert the vFlash SD card or unlock the vFlash SD card and retry the operation.

**Category:** Configuration (HWC = Hardware Config)

**Severity:** Severity 1 (Critical)
HWC0007

Message
Unable to load vFlash SD card settings.

Detailed Description
Lifecycle Controller is unable to retrieve vFlash SD card information from iDRAC.

Recommended Response
Reinsert the vFlash SD card and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

HWC0008

Message
Unable to communicate with iDRAC.

Detailed Description
An internal error occurred while communicating with iDRAC.

Recommended Response
Exit the wizard and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)
HWC0009

Message
Unable to enable vFlash SD card.

Detailed Description
The vFlash SD card is missing or not inserted correctly. iDRAC is not able to enable vFlash SD card.

Recommended Response
Reinsert the vFlash SD card and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)

HWC0010

Message
Invalid folder name or USB drive not found.

Detailed Description
Operation failed because the folder name entered is incorrect or the USB drive is disconnected.

Recommended Response
Enter a valid folder name or attach the USB drive and retry the operation.

Category
Configuration (HWC = Hardware Config)

Severity
Severity 1 (Critical)
**HWC0011**

**Message**
Insufficient space to copy the file to the USB drive.

**Detailed Description**
The USB drive does not have sufficient free space to copy the file.

**Recommended Response Action**
Make sure the USB drive has sufficient free space before retrying the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

---

**HWC0012**

**Message**
Unable to write to the USB drive.

**Detailed Description**
The USB drive is write protected.

**Recommended Response Action**
Remove write protection on the USB drive before retrying the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)
Unable to copy the file to USB drive.
The USB drive is disconnected or is not readable.
Remove and reinsert the USB drive and retry the operation. If the problem persists, restart the system and retry.
Configuration (HWC = Hardware Config)
Severity 1 (Critical)

Unable to detect vFlash SD card.
The import operation failed because the vFlash SD card is missing or disabled.
Make sure the vFlash SD card is inserted and enabled before retrying the operation.
Configuration (HWC = Hardware Config)
Severity 1 (Critical)
### HWC0015

**Message**  
iDRAC not responding.

**Detailed Description**  
iDRAC has encountered a hardware error.

**Recommended Response**  
Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**  
Configuration (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

---

### HWC0016

**Message**  
iDRAC communication failure.

**Detailed Description**  
Lifecycle Controller is unable to communicate with iDRAC.

**Recommended Response**  
Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**  
Configuration (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)
**HWC1000**

**Message** The arg1 is present.

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg1</td>
<td>name</td>
</tr>
</tbody>
</table>

**Detailed Description** None

**Recommended Response Action** No response action is required.

**Category** System Health (HWC = Hardware Config)

**Severity** Severity 3 (Informational)

**Trap/EventID** 2331

---

**HWC1001**

**Message** The arg1 is absent.

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg1</td>
<td>name</td>
</tr>
</tbody>
</table>

**Detailed Description** The absent device may be necessary for proper operation. System functionality may be degraded.
**Recommended Response Action**

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

**LCD Message**  
The <name> is absent. Check hardware

---

**HWC1002**

**Message**  
The arg1 is disabled.

**Arguments**  
arg1 = name

**Detailed Description**  
None

**Recommended Response Action**

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)
HWC1003

Message
The arg1 is enabled.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

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HWC1004

Message
The storage adapter is present.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

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</table>
**HWC1005**

*Message*  
The storage adapter is absent.

*Detailed Description*  
The storage adapter may be necessary for proper operation. System functionality may be degraded.

*Recommended Response Action*  
Install storage adapter.

*Category*  
System Health (HWC = Hardware Config)

*Severity*  
Severity 1 (Critical)

*Trap/EventID*  
2329

*LCD Message*  
The storage adapter is absent. Check hardware

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**HWC1006**

*Message*  
The storage adapter is disabled.

*Detailed Description*  
None

*Recommended Response Action*  
If adapter disabled unexpectedly, re-enable the storage adapter.

*Category*  
System Health (HWC = Hardware Config)

*Severity*  
Severity 3 (Informational)
HWC1007

Message  The storage adapter is enabled.
Detailed Description None
Recommended Response No response action is required.
Action
Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)

HWC1008

Message  The backplane is present.
Detailed Description None
Recommended Response No response action is required.
Action
Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)
**HWC1009**

**Message**
The backplane is absent.

**Detailed Description**
The backplane may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
If removal was unintended, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The backplane is absent. Check hardware

---

**HWC1010**

**Message**
The backplane is disabled.

**Detailed Description**
None
**Recommended Response Action**

If disabled unexpectedly, re-enable backplane.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

---

### HWC1011

**Message**

The backplane is enabled.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

---

### HWC1012

**Message**

The USB cable is present.
**HWC1013**

**Message**
The USB cable is absent.

**Detailed Description**
The USB cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
If removal was unintended, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The USB cable is absent. Check cable
### HWC1014

**Message**  
The mezzanine card `arg1` is present.

**Arguments**  
`arg1 = number`

**Detailed Description**  
None

**Recommended Response**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2331

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</tbody>
</table>

### HWC1015

**Message**  
The mezzanine card `arg1` is absent.

**Arguments**  
`arg1 = number`

**Detailed Description**  
The mezzanine card may be necessary for proper operation. System functionality may be degraded.

**Recommended Response**  
If removal was unintended, check presence, then re-install or reconnect.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329
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### HWC1100

**Message**
The arg1 was installed in slot arg2.

**Arguments**
*arg1* = name, *arg2* = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

### HWC1101

**Message**
The arg1 is removed from slot arg2.

**Arguments**
*arg1* = name, *arg2* = number

**Detailed Description**
None
Recommended Response Action

No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

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HWC1102

Message
The arg1 is installed in an unsupported slot arg2.

Arguments
arg1 = module name, arg2 = slot number

Detailed Description
The peripheral sled identified in the message is installed in the unsupported slot identified in the message.

Recommended Response Action
Install the Storage sled in a supported slot and retry the operation. For information about the supported sleds and slots, see the Users Guide available at the support site.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

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588
**HWC1103**

**Message**
The arg1 installed in an unsupported slot arg2 is removed.

**Arguments**
arg1 = module name, arg2 = slot number

**Detailed Description**
The peripheral sled identified in the message is removed from the unsupported slot identified in the message.

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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**HWC1104**

**Message**
The arg1 installed in slot arg2 is not supported by the chassis.

**Arguments**
arg1 = module name, arg2 = slot number

**Detailed Description**
The peripheral sled identified in the message that is inserted in the slot identified in the message is not supported by the chassis or the current CMC firmware version.

**Recommended Response**
Make sure that the peripheral sled identified in the message is supported by the chassis and the CMC firmware. For information about the supported sleds and firmware versions, see the System Manual available at the support site.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330
The arg1 is removed from the slot arg2.

The peripheral sled identified in the message is removed from the unsupported slot identified in the message.

No response action is required.

System Health (HWC = Hardware Config)

Severity 3 (Informational)

2331

The sled arg1 is inserted in slot arg2.

The sled identified in the message is inserted in the slot identified in the message.
HWC1201

**Message**
The sled *arg1* is removed from slot *arg2*.

**Arguments**
*arg1* = sled name, *arg2* = slot number

**Detailed Description**
The sled identified in the message is removed from the slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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HWC1202

Message The arg1 was installed in slot arg2.

Arguments arg1 = name, arg2 = number

Detailed Description

Recommended Response Action No response action is required.

Category System Health (HWC = Hardware Config)

Severity Severity 3 (Informational)

Trap/EventID 2331

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓ ✓ ✓ ✓

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✓* ✓
CMC ✓* ✓

HWC1203

Message The arg1 is removed from slot arg2.

Arguments arg1 = name, arg2 = number

Detailed Description

Recommended Response Action No response action is required.

Category System Health (HWC = Hardware Config)

Severity Severity 1 (Critical)

Trap/EventID 2329
**HWC2000**

**Message**
The arg1 cable or interconnect is connected.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

---

**HWC2001**

**Message**
The arg1 cable or interconnect is not connected or is improperly connected.

**Arguments**
arg1 = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.
**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The `<name>` cable or interconnect failure. Check connection

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**HWC2002**

**Message**
The storage `arg1` cable or interconnect is connected.

**Arguments**
`arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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HWC2003

Message: The storage arg1 cable is not connected, or is improperly connected.

Arguments: arg1 = name

Detailed Description: The cable may be necessary for proper operation. System functionality may be degraded.

Recommended Response: Check presence, then re-install or reconnect.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

LCD Message: Storage <name> cable or interconnect failure. Check connection

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HWC2004

Message: The system board arg1 cable or interconnect is connected.

Arguments: arg1 = name

Detailed Description: None

Recommended Response: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331
### HWC2005

**Message**
The system board arg1 cable or interconnect is not connected, or is improperly connected.

**Arguments**
arg1 = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
System board <name> cable or interconnect failure. Check connection

---

### HWC2006

**Message**
The arg1 is not installed correctly.

**Arguments**
arg1 = name
Detailed Description: The device may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action: Check presence, then re-install or reconnect.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

LCD Message: <name> is not installed correctly. Check connection

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**HWC2007**

Message: The arg1 is installed correctly.

Arguments: arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

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HWC2008

Message
A fabric mismatch detected for mezzanine card arg1.

Arguments
arg1 = number

Detailed Description
The fabric type for the IOM and mezzanine cards must match. Once an IOM or mezzanine card is inserted into the chassis, the fabric type is then set for the CMC and the CMC will ensure that all subsequent IOMs and mezzanine cards match.

Recommended Response Action
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

HWC2009

Message
Mezzanine card arg1 is installed correctly.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)
Trap/EventID 2331

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**HWC2010**

**Message**
The riser board cable or interconnect is connected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID** 2331

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</table>

**HWC2011**

**Message**
The riser board cable or interconnect is not connected, or is improperly connected.

**Detailed Description**
The riser blade cable may be necessary for proper operation. System functionality may be degraded.
**Recommended Response**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
Riser board cable or interconnect failure. Check connection.

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<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

**HWC2012**

**Message**
A fabric mismatch detected on fabric arg1 with server in slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
The fabric type on the server does not match that of the IOM module.

**Recommended Response**
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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</table>
**HWC2013**

**Message**
Fabric mismatch corrected on fabric arg1 with server in slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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**HWC2014**

**Message**
A hardware misconfiguration detected on arg1.

**Arguments**
arg1 = name

**Detailed Description**
None.

**Recommended Response Action**
Make sure the hardware is installed correctly. Refer to the product documentation for correct configuration and installation procedures.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
A hardware misconfiguration detected on <name>. Check hardware
The `arg1` is configured correctly.

**Arguments**

`arg1` = name

**Recommended Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

---

**Message**

The `arg1` is removed.

**Arguments**

`arg1` = name

**Recommended Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331
Recommended Response Action
If removal was unintended, check presence, then re-install or reconnect.

Category System Health (HWC = Hardware Config)
Severity Severity 1 (Critical)

Trap/EventID 2329

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HWC3001

Message The \texttt{arg1} is inserted.
Arguments \texttt{arg1 = name}

Detailed Description None

Recommended Response Action
No response action is required.

Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)

Trap/EventID 2331

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603
HWC3002

Message  Server arg1 is removed.
Arguments  arg1 = number
Detailed Description  None
Recommended Response  If removal was unintended, check presence, then re-insert
Action
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329

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</table>

HWC3003

Message  Server arg1 was inserted.
Arguments  arg1 = number
Detailed Description  None
Recommended Response  No response action is required.
Action
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331
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</table>

**HWC3004**

**Message**: IO module arg1 is removed.

**Arguments**: arg1 = number

**Detailed Description**: None

**Recommended Response**: If removal was unintended, check presence, then re-insert

**Category**: System Health (HWC = Hardware Config)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2329

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**HWC3005**

**Message**: IO module arg1 was inserted.

**Arguments**: arg1 = number

**Detailed Description**: None
Recommended Response Action

No response action is required.

Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)
Trap/EventID 2331

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HWC3006

Message Unable to QuickDeploy server in slot arg1.
Arguments arg1 = slot number
Detailed Description There are not enough IPv4 addresses reserved for the servers in this chassis. Therefore the newly inserted server could not be configured with the QuickDeploy feature.
Recommended Response Action Do the following: 1) Check the number of reserved IPv4 addresses for QuickDeploy. 2) Modify it such that the newly inserted blade will obtain an IP address for QuickDeploy. 3) Reseat the server to retry the QuickDeploy operation or manually configure the network parameters for the server. (Note that some chassis models may require a response at the LCD panel)
Category System Health (HWC = Hardware Config)
Severity Severity 2 (Warning)
Trap/EventID 2330

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</table>
**HWC4000**

**Message**
A hardware incompatibility detected between BMC/iDRAC firmware and CPU.

**Detailed Description**
A hardware incompatibility was detected between BMC/iDRAC firmware and Processor(s). An iDRAC or BMC firmware update is needed.

**Recommended Response Action**
Update the BMC/iDRAC firmware. If the problem persists, contact support.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
Incompatibility between BMC/iDRAC firmware and CPU. Update firmware

---

**HWC4001**

**Message**
A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331
HWC4002

**Message**
A hardware incompatibility detected between BMC/iDRAC firmware and other hardware.

**Detailed Description**
A hardware incompatibility was detected between BMC/iDRAC firmware and other hardware. An iDRAC or BMC firmware update is needed.

**Recommended Response Action**
Update the BMC/iDRAC firmware. If the problem persists, contact support.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

---

HWC4003

**Message**
A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware.

**Detailed Description**
None
**Recommended Response Action**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2331

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</table>

**HWC4010**

**Message**  
Hardware successfully updated for mezzanine card arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2331

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HWC4011

Message       Hardware unsuccessfully updated for mezzanine card arg1.
Arguments     arg1 = number
Detailed Description None
Recommended Response Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.
Category      System Health (HWC = Hardware Config)
Severity       Severity 1 (Critical)
Trap/EventID  2329

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔ ✔
CMC

HWC4012

Message       Hardware successfully updated for embedded NIC.
Detailed Description None
Recommended Response No response action is required.
Category      System Health (HWC = Hardware Config)
Severity       Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC
CMC
HWC4013

**Message**
Hardware unsuccessfully updated for embedded NIC.

**Detailed Description**
None

**Recommended Response**
Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

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**Filter Visibility**

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HWC4014

**Message**
Link Tuning data successfully updated.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331
HWC4015

Message  Link Tuning error detected.
Detailed Description  CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.
Recommended Response Action  Update the CMC firmware. If the problem persists, contact support.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329

HWC4016

Message  Hardware incompatibility detected with mezzanine card arg1.
Arguments  arg1 = number
Detailed Description  The system has detected a mezzanine card that is not supported on this system.
**Recommended Response Action**

1) Review system documentation for supported mezzanine cards. 2) Replace mezzanine card with a supported mezzanine card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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**HWC4017**

**Message**
A hardware incompatibility is detected between `arg1 arg2` and `arg3 arg4`.

**Arguments**
`arg1` = first component name, `arg2` = first component location, `arg3` = second component name, `arg4` = second component location

**Detailed Description**
The system has detected an unsupported hardware component. A hardware incompatibility is detected between the components identified in the message.

**Recommended Response Action**
Do the following: 1) Review system documentation for the hardware components identified in the message. 2) Replace unsupported components with supported components.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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HWC4018

Message  A hardware incompatibility was corrected between arg1 arg2 and arg3 arg4.
Arguments  arg1 = first component name, arg2 = first component location location, arg3 = second component name, arg4 = second component location
Detailed Description  A hardware incompatibility was corrected between the components identified in the message.
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331

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HWC5000

Message  arg1 is online.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331
### HWC5001

**Message**
arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response**
If unexpected, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

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### HWC5002

**Message**
A fabric mismatch detected on arg1.

**Arguments**
arg1 = name

**Detailed Description**
The fabric type for the IOM and mezzanine cards must match. Once an IOM or mezzanine card is inserted into the chassis, the fabric type is then set for the CMC and the CMC will ensure that all subsequent IOMs and mezzanine cards match.
Recommended Response Action

Category System Health (HWC = Hardware Config)
Severity Severity 2 (Warning)

Recommended Response Action

Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)

HWC5003

Message arg1 is operating correctly.
Arguments arg1 = name
Detailed Description None
Recommended Response Action

No response action is required.

Category System Health (HWC = Hardware Config)
Severity Severity 3 (Informational)
**HWC5004**

**Message**  
A link tuning failure detected on arg1.

**Arguments**  
arg1 = name

**Detailed Description**  
CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.

**Recommended Response Action**  
Update the CMC firmware. If the problem persists, contact support.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2330

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**HWC5006**

**Message**  
A failure is detected on arg1.

**Arguments**  
arg1 = name

**Detailed Description**  
None

**Recommended Response Action**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329
### HWC5008

**Message**  
Console is not available for the `arg1`.

**Arguments**  
`arg1` = name

**Detailed Description**  
None

**Recommended Response**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

---

### HWC5010

**Message**  
`arg1` cannot detect any hosts.

**Arguments**  
`arg1` = name

**Detailed Description**  
None

**Recommended Response**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

---

### HWC5012

**Message**  
On screen display (OSCAR) is not functional for the `arg1`.

---

618
### HWC5014

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<tr>
<th>Arguments</th>
<th>arg1 = name</th>
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<tr>
<td>Detailed Description</td>
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<td>Recommended Response Action</td>
<td>Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
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No alerts are applicable for this message

**Message**

arg1 is not functional and is powered off.

### HWC5030

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<th>Arguments</th>
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<tr>
<td>Detailed Description</td>
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</tr>
<tr>
<td>Recommended Response Action</td>
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<td>Trap/EventID</td>
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HWC5031

Message  IO module arg1 is offline.
Arguments  \( \text{arg1} = \text{number} \)
Detailed Description  The CMC has powered off the IOM.
Recommended Response  Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category  System Health (HWC = Hardware Config)
Severity  Severity 2 (Warning)
Trap/EventID  2330

HWC5032

Message  A fabric mismatch detected on IO module arg1.
Arguments  \( \text{arg1} = \text{number} \)
Detailed Description  The fabric type for IOMs on the same chassis fabric must match.
**Recommended Response Action**

Check chassis fabric type in CMC GUI and compare to the type of both IOMs.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2330

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**HWC5033**

**Message**

IO module arg1 is operating correctly.

**Arguments**

arg1 = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

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621
HWC5034

Message  A link tuning failure detected on IO module arg1.
Arguments  arg1 = number
Detailed Description  Link tuning table not supported for this IO module.
Recommended Response  Update the CMC firmware. If the problem persists, contact support.
Category  System Health (HWC = Hardware Config)
Severity  Severity 2 (Warning)
Trap/EventID  2330

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HWC5035

Message  An over-temperature event detected on I/O module arg1.
Arguments  arg1 = number
Detailed Description  The I/O module over heated.
Recommended Response  Do the following: 1) Make sure fans are installed and working correctly. 2) Check the temperature sensor status for the chassis and make sure it is within the chassis operating temperature range. 3) Reseat the I/O module to clear the over-temperature condition. If the problem persists, contact the service provider.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329
### HWC5036

**Message**  
A failure is detected on IO module arg1.

**Arguments**  
- **arg1** = number

**Detailed Description**  
The IOM module performance may be impact.

**Recommended Response**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

### HWC5037

**Message**  
I/O module arg1 failed to boot.

**Arguments**  
- **arg1** = number

**Detailed Description**  
The firmware on the I/O module did not boot. The problem may be because the I/O module is not inserted correctly.
Recommended Response Action
Reseat I/O module. If problem persists, contact the service provider.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

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HWC6000

Message
The `arg1` controller is offline.

Arguments
`arg1 = name`

Detailed Description
Information and status from the controller is unavailable.

Recommended Response Action
Remove and reapply input power. If problem persists, contact technical support.
Refer to the product documentation to choose a convenient contact method.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

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**HWC6001**

**Message**

The arg1 controller is online.

**Arguments**

arg1 = name

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

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**HWC6002**

**Message**

The arg1 controller is stuck in boot mode.

**Arguments**

arg1 = name

**Detailed Description**

Information and status from the controller is unavailable.

**Recommended Response Action**

Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329
**HWC6003**

**Message**
The arg1 controller is booting.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**HWC6004**

**Message**
Cannot communicate with arg1 controller.

**Arguments**
arg1 = name

**Detailed Description**
Information and status from the controller is unavailable.
**Recommended Response Action**

Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329

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**HWC6005**

**Message**

Communications restored for *arg1* controller.

**Arguments**

*arg1* = name

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

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**HWC7000**

**Message**
Server arg1 health changed to a normal state.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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**HWC7002**

**Message**
Server arg1 health changed to a warning state from a normal state.

**Arguments**
arg1 = number

**Detailed Description**
Server health changed to a warning state from a normal state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330
### HWC7004

**Message**
Server arg1 health changed to a critical state from either a normal or warning state.

**Arguments**
arg1 = number

**Detailed Description**
Server <number> health changed to a critical state from either a normal or warning state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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### HWC7006

**Message**
Server arg1 health changed to a non-recoverable state from a less severe state.

**Arguments**
arg1 = number

**Detailed Description**
Server <number> health changed to a non-recoverable state from a less severe state.
**Recommended Response Action**

Review System Log or front panel for additional information.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

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**HWC7008**

**Message**  
Server arg1 health changed to a warning state from more severe state.

**Arguments**  
arg1 = number

**Detailed Description**  
Server <number> health changed to a warning state from more severe state.

**Recommended Response Action**  
Review System Log or front panel for additional information.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2330

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HWC7010

Message  
Server arg1 health changed to a critical state from a non-recoverable state.

Arguments  
arg1 = number

Detailed Description  
Server <number> health changed to a critical state from a non-recoverable state.

Recommended Response  
Review System Log or front panel for additional information.

Category  
System Health (HWC = Hardware Config)

Severity  
Severity 1 (Critical)

Trap/EventID  
2329

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HWC7012

Message  
Server arg1 health changed to a non-recoverable state.

Arguments  
arg1 = number

Detailed Description  
Server <number> health changed to a non-recoverable state.

Recommended Response  
Review System Log or front panel for additional information.

Category  
System Health (HWC = Hardware Config)

Severity  
Severity 1 (Critical)

Trap/EventID  
2329
**HWC7014**

**Message**
An invalid cable or incorrect cable configuration is detected.

**Detailed Description**
An invalid cable related hardware configuration detected on the system.

**Recommended Response**
Make sure the hardware and related cables are installed correctly. For information about configuration and installation procedures, see the systems Owners Manual available at the support site.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

---

**HWC8000**

**Message**
Unknown device plug event occurred at this location: \texttt{arg1}. Additional Details: \texttt{arg2}.

**Arguments**
\texttt{arg1} = device location, \texttt{arg2} = details

**Detailed Description**
An unknown device plug event occurred at the identified device location. Along with the device location, additional event details are provided if available.

**Recommended Response**
No response action is required.
**HWC8001**

**Message**
A device was added to the system at this location: `arg1`. Additional Details: `arg2`.

**Arguments**
- `arg1` = device location, `arg2` = details

**Detailed Description**
A device was added to the system at the location identified in the message. Along with the device location, additional event details are provided if available.

**Recommended Response Action**
No response action is required.

**Category**
Audit (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5651

**OMSA Trap ID**
5651
HWC8002

Message  The device was removed from the system at this location: arg1. Additional Details: arg2.

Arguments  arg1 = device location, arg2 = details

Detailed Description  A device was removed from the system at the location identified in the message. Along with the device location, additional event details are provided if available.

Recommended Response Action  No response action is required.

Category  Audit (HWC = Hardware Config)

Severity  Severity 3 (Informational)

OMSA Event ID  5652

OMSA Trap ID  5652

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HWC8003

Message  A configuration error was detected in the device located here: arg1. Additional Details: arg2.

Arguments  arg1 = device location, arg2 = details

Detailed Description  A configuration error was detected for a pluggable device installed at the location identified in the message. The device may not be installed correctly.

Recommended Response Action  Reinsert the device or try inserting a different device of the same type and retry the operation. If the issue persists, check the system documentation to make sure the device is supported or contact your service provider.

Category  Audit (HWC = Hardware Config)

Severity  Severity 1 (Critical)

OMSA Event ID  5653
OMSA Trap ID 5653

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔ | ✔
CMC

HWC8004

**Message**
The SD card device sensor has failed. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

**Arguments**
arg1 = location, arg2 = type, arg3 = state

**Detailed Description**
The SD card device sensor of the type identified in the message has failed. The current status of the SD card is also displayed.

**Recommended Response**
Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is embedded on the system board, replace the system board. For more information, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**OMSA Event ID** 5750

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔
CMC

HWC8005

**Message**
The SD card device has returned to normal state. SD card location: arg1, SD card device type: arg2, SD card state: arg3.
**Arguments**

`arg1 = location, arg2 = type, arg3 = state`

**Detailed Description**

The SD card device has returned to a normal state. The SD card type and the current status of the SD card is also displayed.

**Recommended Response Action**

No response action is required.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

5752

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**LC Log** LC Log

**LC Log** LCD

**LC Log** OS Log

**LC Log** Power Off

**LC Log** Power Cycle

**LC Log** Reset

**LC Log** Chassis Event Proxy

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**HWC8006**

**Message**

The SD card device state has changed to a warning state. SD card location: `arg1`, SD card device type: `arg2`, SD card state: `arg3`.

**Arguments**

`arg1 = location, arg2 = type, arg3 = state`

**Detailed Description**

The SD card device is not functioning correctly, and its state has changed to a warning state.

**Recommended Response Action**

Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is embedded on the system board, replace the system board. For more information, contact your service provider.

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 2 (Warning)

**OMSA Event ID**

5753

**OMSA Trap ID**

5753

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**HWC8007**

**Message**  
The SD card has failed. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

**Arguments**  
arg1 = location, arg2 = type, arg3 = state

**Detailed Description**  
The SD card sensor detected an SD card failure.

**Recommended Response Action**  
Replace the old SD card with a new SD card.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**OMSA Event ID**  
5754

**OMSA Trap ID**  
5754

**Filter Visibility**  
IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

**HWC8008**

**Message**  
The SD card has failed. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

**Arguments**  
arg1 = location, arg2 = type, arg3 = state

**Detailed Description**  
An SD card device sensor has detected an irrecoverable error in the SD card.

**Recommended Response Action**  
Replace the old SD card with a new SD card.
### HWC8009

**Message**
SD card device sensor value unknown. SD card location: `arg1`, SD card device type: `arg2`, SD card state: `arg3`.

**Arguments**
- `arg1` = location
- `arg2` = type
- `arg3` = state

**Detailed Description**
An SD card device sensor in the identified system could not obtain a reading.

**Recommended Response Action**
Remove and reinsert the identified SD card.

### HWC8501

**Message**
Unable to complete the operation because of an issue with the I/O panel cable.
**Detailed Description**
The operation could not successfully completed because of an issue with the I/O panel cable.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Connect the I/O panel cable properly 2) Replace the I/O panel cable.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

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**HWC8502**

**Message**
The I/O panel cable is connected.

**Detailed Description**
The internal cable that connects the I/O panel to the system board is properly connected.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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HWC8503

Message          Communication to the control panel has been restored.
Detailed Description          The communication between the Chassis Management Controller (CMC) and the control panel is functioning normally.
Recommended Response Action          No response action is required.
Category          System Health (HWC = Hardware Config)
Severity          Severity 3 (Informational)
Trap/EventID          2331

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HWC8504

Message          The Chassis Management Controller (CMC) cannot communicate with the control panel.
Detailed Description          The control panel is not functioning normally. This could be because the Chassis Management Controller (CMC) cannot communicate with the control panel or because of a problem with the control panel hardware.
Recommended Response Action          Remove and reapply chassis input power. If problem persists, contact your service provider.
Category          System Health (HWC = Hardware Config)
Severity          Severity 1 (Critical)
Trap/EventID          2329

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640
HWC8506

Message: Unable to synchronize control panel firmware due to internal error.

Detailed Description: During a Chassis Management Controller (CMC) firmware update, the control panel firmware synchronization failed. The control panel may be inoperable.

Recommended Response: Remove and reapply chassis input power. If problem persists, contact your service provider.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

---

HWC8507

Message: The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used.

Detailed Description: The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used. The USB device may not be operational.

Recommended Response: Remove the USB device from the I/O Panel USB port, and then retry the operation with another USB device.

Category: System Health (HWC = Hardware Config)

Severity: Severity 2 (Warning)

Trap/EventID: 2330
A device causing an issue in the I/O panel USB port is removed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

---

HWC8509

**Message**
One or more PCIe switch heatsinks are not properly attached.

**Detailed Description**
The heatsinks are critical for providing cooling to the PCIe switches. If a PCIe switch stops functioning due to improper cooling, the PCIe subsystem may no longer function correctly and data loss may occur.

**Recommended Response Action**
Immediately turn off the Chassis by pressing the Chassis power button or removing chassis input power. The Chassis can be turned off remotely by running the following RACADM command "racadm chassisaction -m chassis nongraceshutdown". After turning off, contact your service provider.
**HWC8510**

**Message**
The heat sinks of the PCIe switches are properly attached.

**Detailed Description**
The heat sinks of the PCIe switches are properly attached.

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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**HWC8510**

**Message**
The heat sinks of the PCIe switches are properly attached.

**Detailed Description**
The heat sinks of the PCIe switches are properly attached.

**Recommended Response**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
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IOID Event Messages

IOID001

Message: The Input/Output Identity (I/O Identity) optimization feature is enabled.

Detailed Description: After the I/O Identity optimization feature is enabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will be significantly reduced.

Recommended Response Action: No response action required.

Category: Configuration (IOID = I/O Identity Optimization)

Severity: Severity 3 (Informational)

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IOID002

Message: The Input/Output Identity (I/O Identity) optimization feature is disabled.

Detailed Description: After the I/O Identity optimization feature is disabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will increase.

Recommended Response Action: No response action required.

Category: Configuration (IOID = I/O Identity Optimization)

Severity: Severity 3 (Informational)

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**IOID003**

**Message**
The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to `arg1`.

**Arguments**
`arg1 = restart type`

**Detailed Description**
The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**
- ✔
- ✔

**CMC**

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**IOID004**

**Message**
Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to `arg1`.

**Arguments**
`arg1 = restart type`

**Detailed Description**
The Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)
**IOID005**

**Message**
Storage Initiator Persistence Policy setting is changed to arg1.

**Arguments**
arg1 = restart type

**Detailed Description**
The Storage Initiator Persistence Policy setting is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

---

**IOID006**

**Message**
Storage Target Persistence Policy setting is changed to arg1.

**Arguments**
arg1 = restart type

**Detailed Description**
The Storage Target Persistence Policy setting is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.
**IODID110**

**Message**  
The virtual address of NIC arg1 Port arg2 is configured.

**Arguments**  
arg1 = controller, arg2 = port

**Detailed Description**  
The virtual address of NIC port identified in the message is configured.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (OID = IO Identity Optimization)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
10771

**IODID111**

**Message**  
Unable to configure the virtual address of NIC arg1 Port arg2.

**Arguments**  
arg1 = controller, arg2 = port
Detailed Description: The virtual address of the NIC port identified in the message could not be successfully configured because either the network port connection is not enabled or the NIC is not capable of Virtual Addressing.

Recommended Response: Verify that the network port is enabled and that the port has Virtual Addressing capability and then retry the operation.

Category: Configuration (IOID = IO Identity Optimization)
Severity: Severity 2 (Warning)

**OID112**

Message: The initiator properties of the NIC arg1 Port arg2 are successfully configured.

Arguments: 
- arg1 = Controller, arg2 = Port

Detailed Description: The initiator properties of the NIC port identified in the message are successfully configured.

Recommended Response: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)
Severity: Severity 3 (Informational)

**Trap/EventID**

- 10770
- 10771

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648
IOID113

Message
Unable to configure the initiator properties of NIC arg1 Port arg2.

Arguments
arg1 = Controller, arg2 = Port

Detailed Description
The initiator properties of the NIC port could not be configured because either iSCSI or FCoE partition of the network port is not enabled, or the network controller is not functioning.

Recommended Response Action
Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working and then retry the operation.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 2 (Warning)

Trap/EventID
10770

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC

CMC

IOID114

Message
The target settings properties of the NIC arg1 Port arg2 are successfully configured.

Arguments
arg1 = controller, arg2 = port

Detailed Description
The target setting properties of the NIC port identified in the message are successfully configured.

Recommended Response Action
No response action is required.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 3 (Informational)
Message
Unable to configure the target settings properties of the NIC $arg1$ Port $arg2$.

Arguments
- $arg1 = \text{controller}$, $arg2 = \text{port}$

Detailed Description
The target settings properties of the NIC port identified in the message could not be configured, because either iSCSI or FCoE partition of the network port is not enabled; or, the network controller is not functioning.

Recommended Response Action
Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working.

Category
Configuration (IODID = I/O Identity Optimization)

Severity
Severity 2 (Warning)

Trap/EventID
10770

Message
Applying I/O Identity settings based on current persistence policy settings.

Detailed Description
The iDRAC has started to apply I/O Identity settings on NIC and FC HBA devices based on the current persistence policy settings.
Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Trap/EventID: 10771

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**IID117**

Message: The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully.

Detailed Description: The iDRAC has applied I/O Identity settings on NIC and FC HBA devices. All the device configuration related to virtual addresses, initiator and target settings have been configured successfully according to the current persistence policy settings.

Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Trap/EventID: 10771

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651
**IOID118**

**Message**
Unable to configure some or all I/O Identity settings based on current persistence policy settings.

**Detailed Description**
The iDRAC has applied I/O Identity Configuration on NIC and FC HBA devices. One or more of the setting configuration operations did not complete successfully.

**Recommended Response Action**
Review the previous log entries and identify the devices that did not successfully complete configuration operations. For the identified devices, do the following and then restart the server: 1) Make sure the device is installed properly. 2) Make sure the device has latest firmware installed. If the issue persists, contact your service provider.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10770

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**IOID119**

**Message**
FlexAddress is enabled on all NIC and FC HBA devices.

**Detailed Description**
The FlexAddress feature is enabled on the system. The iDRAC will assign FlexAddress defined MAC and WWN values to all the ports and/or partitions of bNDCs and mezzanine adapters of the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
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653
IOV Event Messages

IOV000

**Message**
Successfully completed the operation.

**Detailed Description**
This operation was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

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IOV001

**Message**
The operation contains an invalid request or argument.

**Detailed Description**
The operation or operation parameter sent to the Chassis Manager is invalid or not supported.

**Recommended Response Action**
Contact technical support. Refer to Chassis Manager product documentation to determine the contact method for the service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

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IOV002

Message: Unable to create or allocate the required resources.

Detailed Description: CMC could not successfully allocate resources because of the following reasons: 1) The chassis manager is unable to allocate required resources. 2) The chassis manager or chassis infrastructure firmware is rolled back to an earlier version. 3) There is an issue with the internal communications between chassis components.

Recommended Response Action: Make sure the firmware for the various chassis components are compatible with each other. If this is the case, do the following: 1) Turn off the chassis, by pressing the chassis Power Button, 2) run the following CMC RACADM command “racadm racresetcfg”. If the problem persists, contact your technical service provider.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 2 (Warning)
Unable to turn on PCIe adapter.

The chassis manager is unable to turn on the PCIe device because of one of the following reasons: 1) PCIe device is not supported, 2) The device is not properly inserted in the slot, 3) The device is not functioning properly, or 4) The device power requirements exceed the power available for the slot.

Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.

Chassis Management Controller (CMC) is not ready to run commands.

The Chassis Management Controller is not ready to run commands because the chassis must be turned on.

Turn on chassis and retry the command.
**IOV006**

**Message**
Incorrect Chassis Infrastructure Mainboard firmware version.

**Detailed Description**
The Chassis Infrastructure Mainboard firmware is not at the correct version.

**Recommended Response**
Run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

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### Action

- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

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### Message
Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component.

**Detailed Description**
For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.
Recommended Response
Action
Category
Severity

To release the required power, turn off one or more servers by pressing the Power Button on the individual server units.

Configuration (IOV = IO Virtualization)
Severity 3 (Informational)

Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode.

The Chassis Management Controller (CMC) was unable to reset the PCIe subsystem into factory default mode.

Turn off the chassis, turn on the chassis, and then retry the operation.

Configuration (IOV = IO Virtualization)
Severity 3 (Informational)

Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings.
Detailed Description: The Chassis Management Controller (CMC) runs this function only when the chassis is turned off.

Recommended Response: Turn off the chassis and retry the operation.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

---

Detailed Description: Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server. Non-licensed systems are allowed only two slots per server.

Recommended Response: Import a license that allows assignments of more than two PCIe slots per server. For more information about licenses, contact your service provider.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

---

**IOV010**

Message: Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server.

Detailed Description: Unable to assign the PCIe slots because a license is required to assign more than two PCIe slots to a server. Non-licensed systems are allowed only two slots per server.

Recommended Response: Import a license that allows assignments of more than two PCIe slots per server. For more information about licenses, contact your service provider.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)
**IOV011**

**Message**
Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off.

**Detailed Description**
All servers that PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from must be turned off before an assign or unassign operation can be performed.

**Recommended Response**
Turn off all servers that the PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from, and then retry the operation.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

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**IOV012**

**Message**
Unable to assign a virtual adapter (VA) to a non-default server because a license is required.

**Detailed Description**
By default, the non-licensed system assigns virtual adapters (VA) 1-4 to servers 1-4 respectively.

**Recommended Response**
Import a license which enables the assignment of a PERC virtual adapter (VA) to any server. For more information about licenses, contact your service provider.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

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IOV013

**Message**
Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

**Detailed Description**
Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

**Recommended Response Action**
Unassign the server’s current virtual adapter (VA) and retry the operation. To unassign the VA using RACADM, run the following command “racadm setpciecfg”.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

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IOV014

**Message**
The external shared storage device is not ready because the initialization process is still incomplete.

**Detailed Description**
The external shared storage device is not ready because the initialization process is still incomplete.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)
### IOV015

**Message**
Unable to map/un-map or turn on the external shared adapter because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest version supporting the adapter.

**Detailed Description**
The external shared adapter cannot be turned on until the Chassis Infrastructure firmware is updated to the latest version supporting the shared adapter.

**Recommended Response**
Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using the Chassis Management Controller (CMC) RACADM, run the command `racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board` to upload the latest firmware version to the Chassis Infrastructure Mainboard.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

### IOV016

**Message**
Only the virtual adapters (VA) of a shared adapter may be assigned to or unassigned from a server.

**Detailed Description**
The shared adapter may not be assigned to or unassigned from a blade-server. Only the virtual adapters (VA) of a shared adapter may be assigned to or unassigned from a server.
**IOV1001**

**Message**
The requested operation was successfully executed.

**Detailed Description**
The requested operation was successfully executed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**IOV1002**

**Message**
The operation was not successful.

**Detailed Description**
The operation did not complete successfully due to an exception from the instrumentation layer.

**Recommended Response Action**
Retry the operation. If the issue persists, reset CMC and retry the operation when the CMC has completed restarting. The CMC may take 2 to 3 minutes to complete restarting.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
IOV1003
Message: Missing required parameter arg1.
Arguments: arg1 = parameter name
Detailed Description: One or more parameters identified in the message required for the method are missing.
Recommended Response: Refer to the DCIM Chassis PCI Management Profile document and provide the required parameter.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

IOV1004
Message: Too many slots provided as parameters to Assign and UnAssign Servers methods.
Detailed Description: The parameters for the method identified in the message are not passed correctly.
Recommended Response: Refer to the DCIM Chassis PCI Management Profile document and provide the required parameters.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

IOV1005
Message: Invalid slot FQDD arg1.
Arguments: arg1 = FQDD value
Detailed Description: The FQDD (Fully Qualified Device Descriptor) entered for the operation does not map to any instance of the DCIM_ChassisPCISlot class.
Recommended Response: Perform the Enumerate operation on the DCIM_ChassisPCISlot class to determine the correct FQDD value for the required slot. Retry the operation with the correct FQDD value.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
IOV1006

Message: Invalid PCI slot or Server slot.
Detailed Description: The PCI slot or Server slot FQDD (Fully Qualified Device Descriptor) values entered for the operation are not valid.
Recommended Response: Perform the Enumerate operation on the DCIM_ChassisPCISlot class and DCIM_BladeServerView class to get the correct FQDD values for the PCIe slot and Server slot. Retry the operation with the correct FQDD values.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

IOV1007

Message: Unable to assign a PCIe slot.
Detailed Description: The IOV slot management subsystem detected an error which may prevent the physical assignment/unassignment or turning off of a PCIe slot. The errors can be caused by PCIe training timeouts, false hot plug signals, or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.
Recommended Response: Insert only supported adaptor cards into system PCIe slots and make sure they are fully inserted. Retry the operation.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

IOV1008

Message: Invalid Virtual Adapter FQDD arg1.
Arguments: arg1 = FQDD value
Detailed Description: The FQDD (Fully Qualified Device Descriptor) value entered for the operation does not map to any DCIM_ChassisVView class instance representing Virtual Adapters.
Recommended Response: Perform an Enumerate operation on the DCIM_ChassisVView class to get the correct FQDD for the Virtual Adapter. Retry the operation with the correct FQDD value.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
IOV1009

Message: Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count.

Detailed Description: The FQDD pairs identified in the messages do not match in the required method input parameters.

Recommended Response: Provide a valid pair of FQDDs. Please refer to the DCIM Chassis PCI Management Profile document for the required parameter definitions.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

IOV101

Message: A PCIe adapter arg1 is inserted in arg2 arg3.

Arguments: arg1 = device name, arg2 = slot type, arg3 = slot number

Detailed Description: The Chassis Management Controller (CMC) detected the insertion of an adapter in the slot identified in the message.

Recommended Response: No response action is required.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Trap/EventID: 10747

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No alerts are applicable for this message

IOV102

Message: A PCIe adapter arg1 is removed from arg2 arg3.

No alerts are applicable for this message
Arguments

arg1 = device name, arg2 = slot type, arg3 = slot number

Detailed Description
The Chassis Management Controller (CMC) detected the removal of an adapter card from the slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Trap/EventID
10747

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**IOV103**

Message
A PCIe adapter arg1 in arg2 arg3 is replaced by PCIe adapter arg4.

Arguments
arg1 = device name, arg2 = slot type, arg3 = slot number, arg4 = device name

Detailed Description
The Chassis Management Controller (CMC) detected the replacement of an adapter in the slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Trap/EventID
10747

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The Chassis Management Controller (CMC) is unable to allocate \textit{arg1} Watt for server- \textit{arg2} PCIe adapters.

\textbf{Arguments} \hspace{1em} \textit{arg1} = number of Watt, \textit{arg2} = server slot number

For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.

\textbf{Recommended Response} Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm config -g cfgChassisPower -o cfgChassisPowerCap <Power cap>" to increase the power cap or add an additional power supply.

\textbf{Category} System Health (IOV = IO Virtualization)

\textbf{Severity} Severity 2 (Warning)

\textbf{Trap/EventID} 2554
Recommended Response Action
Make sure that supported adapters are used and installed correctly in the PCIe slot.

Category System Health (IOV = IO Virtualization)
Severity Severity 2 (Warning)
Trap/EventID 2554

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**IOV106**

Message Unable to power on PCIe adapter arg1 in arg2 arg3.
Arguments arg1 = device name, arg2 = slot type, arg3 = slot number
Detailed Description The Chassis Management Controller (CMC) is unable to power on adapter. Possible reasons for power failures are: 1) Adapter not an approved adapter. 2) Adapter not fully inserted in the slot 3) Auxiliary power cable not connected (applicable to slot 1 - 3 only). 4) Adapter is damaged.
Recommended Response Action Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.
Category System Health (IOV = IO Virtualization)
Severity Severity 2 (Warning)
Trap/EventID 2554

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IOV107

Message
PCIe adapter arg1 in slot arg2 was removed while powered on.

Arguments
arg1 = device name, arg2 = slot number

Detailed Description
The Chassis Management Controller (CMC) has detected the removal of a PCIe adapter card while it was powered on.

Recommended Response
Power down the affected server(s) and then power on the server(s). Note: OS reboot only will not correct this issue.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 1 (Critical)

Trap/EventID
2553

IOV108

Message
Power fault detected on PCIE adapter arg1 in arg2 arg3 .

Arguments
arg1 = device name, arg2 = slot type, arg3 = slot number

Detailed Description
The Chassis Management Controller (CMC) detected a power fault in an adapter after the adapter was powered on. A power fault may be caused by a damaged adapter or the adapter power requirements exceed the maximum power limits of the slot.

Recommended Response
Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact your service provider.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Trap/EventID
2554
An error condition associated with the PCIe slot is cleared.

**Recommended Response Action**
No response action is required.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

---

Successfully updated Chassis Infrastructure firmware.

**Recommended Response Action**
No response action is required.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)
Unable to update Chassis Infrastructure firmware.

Unable to successfully update Chassis Infrastructure firmware.

Refer to the release notes of the Mainboard update package for recommended action. If the issue persists, contact your service provider.

Chassis Infrastructure firmware is not valid.

Chassis infrastructure firmware is not valid and must be reinstalled.

Update the Chassis Infrastructure firmware. Using Chassis Management Controller (CMC) RACADM, run the command “racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board” to upload the latest firmware version to the Chassis Infrastructure Mainboard.
**Category**  
System Health (IOV = IO Virtualization)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2553

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**IOV113**

**Message**  
Chassis Infrastructure firmware re-installation is successful.

**Detailed Description**  
Chassis Infrastructure firmware re-installation is successful.

**Recommended Response**  
No response action is required.

**Category**  
System Health (IOV = IO Virtualization)

**Severity**  
Severity 3 (Informational)

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**IOV114**

**Message**  
arg1 arg2 assigned to server- arg3.

**Arguments**  
arg1 = “PCIE Slot” or “PERC VA”, arg2 = slot number or VA number, arg3 = server number
Detailed Description: The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the server identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Trap/EventID: 10747

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### IOV115

**Message:** Unable to allocate \textit{arg1} WATTS for discovery of PCIE adapters.

**Arguments:** \texttt{arg1} = number of watts

**Detailed Description:** The discovery process for PCIE adapters was unable to allocate the power required to power on the PCIE adapters.

**Recommended Response Action:** Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm config -g cfgChassisPower -o cfgChassisPowerCap <Power cap>" to increase the power cap or add an additional power supply.

**Category:** Configuration (IOV = IO Virtualization)

**Severity:** Severity 2 (Warning)

**Trap/EventID:** 10746

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674
**IOV116**

**Message**
PCIE AUX power cable \( arg1 \) was disconnected while powered on.

**Arguments**
\( arg1 = \) cable number

**Detailed Description**
The Chassis Management Controller (CMC) detected a power fault in an PCIE AUX power cable after the adapter was powered on. A power fault may be caused by a loose cable connection to the adapter or between the cable and the AUX cable harness.

**Recommended Response Action**
Make sure AUX power cable identified in the message is fully plugged into the adapter and the AUX cable harness.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### IOV117

**Message**
\( arg1 \) \( arg2 \) was unassigned/unmapped from server- \( arg3 \).

**Arguments**
\( arg1 = \) “PCIE Slot” or “PERC VA”, \( arg2 = \) slot number or VA number, \( arg3 = \) server number

**Detailed Description**
The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the server identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)
Severity 3 (Informational)

Severity 3 (Informational)

## IOV118

**Message**
Fabric arg1 is down.

**Arguments**
arg1 = fabric ID

**Detailed Description**
The Fabric identified in the message is not up and a chassis power cycle is required.

**Recommended Response**
Power cycle the chassis. Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm chassisaction powercycle".

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 1 (Critical)

## IOV119

**Message**
PCIe ride-through mode is disabled.

**Detailed Description**
The Chassis Management Controller (CMC) has disabled PCIe ride-through mode. PCIe adapters that are turned on and in "ride-through" mode are immediately turned off.
**Recommended Response Action**

No response action is required.

**Category**

Configuration (IOV = IO Virtualization)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10747

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**IOV120**

**Message**

PCIe ride-through mode is enabled.

**Detailed Description**

The Chassis Management Controller (CMC) has enabled PCIe ride-through mode. PCIe adapters will remain turned on for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (IOV = IO Virtualization)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10747

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677
IOV121

Message  
PCIe ride-through time out has changed from $arg1$ to $arg2$ seconds.

Arguments  
$arg1$ = seconds, $arg2$ = seconds

Detailed Description  
The Chassis Management Controller (CMC) has changed the PCIe ride-through timeout to the value identified in the message. PCIe adapters will remain turned on for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off. Note: A value of zero equals infinite number of seconds.

Recommended Response Action  
No response action is required.

Category  
Configuration (IOV = IO Virtualization)

Severity  
Severity 3 (Informational)

Trap/EventID  
10747

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IOV122

Message  
$arg1$ $arg2$ is mapped/assigned to extension of server slot $arg3$.

Arguments  
$arg1$ = “PCIE Slot” or “PERC VA”, $arg2$ = slot number or VA number, $arg3$ = server number

Detailed Description  
The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the extension of the server slot identified in the message.

Recommended Response Action  
No response action is required.

Category  
Configuration (IOV = IO Virtualization)

Severity  
Severity 3 (Informational)

Trap/EventID  
10747
IOV123

**Message**

arg1 arg2 is unassigned/unmapped from extended server slot arg3.

**Arguments**

arg1 = “PCIE Slot” or “PERC VA”, arg2 = slot number or VA number, arg3 = server number

**Detailed Description**

The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the extension of the server slot identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (IOV = IO Virtualization)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10747

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IOV124

**Message**

The PCIe shared adapter in slot arg1 is not supported because the firmware version of the Chassis Infrastructure Mainboard is not the latest.

**Arguments**

arg1 = slot number
Detailed Description

The PCIe shared adapter in slot identified in the message is not supported because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest.

Recommended Response

Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Trap/EventID
10746

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**IOV2008**

Message

The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem.

Detailed Description

The Chassis Management Controller (CMC) could not successfully connect to the PCIe subsystem.

Recommended Response

Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, wait for 30 seconds, and then reconnect AC power. 2) Turn on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power->Control and select the Power On Server option. If the issue persists, contact your service provider.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 1 (Critical)

Trap/EventID
2553

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IPA Event Messages

IPA0001

Message: Invalid NIC IP address parameter specified.
Detailed Description: Invalid parameters passed to the function.
Recommended Response: Enter the valid IP Address.
Category: Audit (IPA = DRAC IP Address)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

IPA0002

Message: Invalid IP address specified.
Detailed Description: Invalid parameters passed to the function.
Recommended Response: Enter a valid IP Address.
Category: Audit (IPA = DRAC IP Address)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

IPA0003

Message: Invalid subnet mask specified.
Detailed Description: Invalid parameters passed to the function.
Recommended Response: Enter the appropriate subnet mask.
Category: Audit (IPA = DRAC IP Address)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
IPA0004

Message: Invalid gateway address specified.
Detailed Description: Invalid parameters passed to the function.
Recommended Response: Enter the appropriate gateway.
Category: Audit (IPA = DRAC IP Address)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

IPA0100

Message: The iDRAC IP Address changed from arg1 to arg2.
Arguments: arg1 = old IP Address, arg2 = new IP Address
Detailed Description: The iDRAC IP Address changed from the earlier IP Address identified in the message to the new IP Address identified in the message. This notification will be generated when the iDRAC network card selection is changed, if the DHCP lease expires and the DHCP server assigns another address, or if iDRAC IP address is manually changed.
Recommended Response: Remote management consoles that have cached or stored the iDRAC IP address may have to be updated with the new IP Address either through a re-discovery or manual reconfiguration. A response action may not be required if the console receives this SNMP notification and updates the iDRAC IP address accordingly.
Category: Configuration (IPA = DRAC IP Address)
Severity: Severity 3 (Informational)

Trap/EventID: 10547

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ISM Event Messages

ISM0000

Message: The iDRAC Service Module is started on the operating system (OS) of server.

Detailed Description: The iDRAC Service Module is started on the OS of server.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

ISM0001

Message: The iDRAC Service Module detected a OS to iDRAC Pass-through in the arg1 mode. Switch the OS to iDRAC Pass-through to a USB NIC mode.

Arguments: arg1 = mode

Detailed Description: The iDRAC Service Module detected a OS to iDRAC Pass-through mode as identified in the message. iDRAC Service Module will automatically connect to iDRAC after the OS to iDRAC Pass-through is configured to the USB NIC mode.

Recommended Response Action: Configure OS to iDRAC Pass-through to the USB NIC mode by running the commands: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 1 (Critical)

No alerts are applicable for this message

ISM0002

Message: The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode.

Detailed Description: The OS to iDRAC Pass-through mode is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through mode in the USB NIC mode. This operation is done only for the first run of iDRAC Service Module. If OS to iDRAC Pass-through is disabled after this point of time, iDRAC Service Module will not be able to connect to iDRAC until user enables the OS-iDRAC Pass-through in the USB mode.
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No alerts are applicable for this message

**ISM0003**

**Message**
The iDRAC Service Module is unable to discover iDRAC from the operating system of the server.

**Detailed Description**
The iDRAC Service Module could not successfully discover iDRAC from the server OS. However, the iDRAC Service Module will continue the discovery operation. Make sure that the IPMI drivers are enabled on the server operating system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**ISM0004**

**Message**
The iDRAC Service Module has successfully started communication with iDRAC.

**Detailed Description**
The iDRAC Service Module has successfully started communication with iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**ISM0005**

**Message**
The iDRAC Service Module has successfully restarted communication with iDRAC.

**Detailed Description**
The iDRAC Service Module has successfully restarted communication with iDRAC.
**ISM0006**

**Message**
The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel.

**Detailed Description**
The iDRAC Service Module could not successfully communicate with iDRAC, because the OS to iDRAC Pass-through channel is not configured in the USB-NIC mode.

**Recommended Response Action**
Make sure that the OS to iDRAC Pass-through channel is configured only in the USB-NIC mode, and then retry the operation. To enable the OS-to-iDRAC Pass-through channel, run the following command in the order they are listed: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

**ISM0007**

**Message**
The iDRAC Service Module communication with iDRAC has ended.

**Detailed Description**
The iDRAC Service Module ended communication with iDRAC over the OS to iDRAC Pass-through channel. This is because either iDRAC is being restarted or the OS to iDRAC Pass-through configuration is being changed. The iDRAC Service Module will continue to try connecting to iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**ISM0008**

**Message**
Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server.

**Detailed Description**
iDRAC Service Module detected that OpenManage Server Administrator is running on the OS of this server. Therefore, one or more features of iDRAC Service Module will be disabled.

**Recommended Response Action**
End the OpenManage Server Administrator session. The features will be automatically started by iDRAC Service Module.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**ISM0009**

**Message**
The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server.

**Detailed Description**
iDRAC Service Module detected that OpenManage Server Administrator is not running on the OS of this server. Therefore, one or more features of iDRAC Service Module that were earlier disabled are now enabled on this server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**ISM0010**

**Message**
The iDRAC Service Module received a request from the arg1 to stop the services of Service Module.

**Arguments**

arg1 = requesting source name

**Detailed Description**
The iDRAC Service Module received a request from a source identified in the message to stop the Service Module services. For example, a requesting source can be an OS or iDRAC.
**Recommended Response Action**

If the requesting source is iDRAC, enable the iDRAC Service Module on the iDRAC before starting this service on the server OS. To enable the Service Module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: `racadm set idrac.servicemodule.ServiceModuleEnable enabled`

**Category**

Audit (ISM = iDRAC Service Module)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

---

**ISM0011**

**Message**

The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to “disabled” in iDRAC.

**Detailed Description**

The server OS could not start the iDRAC Service Module, because the iDRAC Service Module disabled on iDRAC.

**Recommended Response Action**

Enable the iDRAC Service Module on the iDRAC before starting this service on the server OS, and then retry the operation. To enable the module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: `racadm set idrac.servicemodule.ServiceModuleEnable enabled`

**Category**

Audit (ISM = iDRAC Service Module)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

---

**ISM0012**

**Message**

The iDRAC Service Module is successfully ended on the server operating system (OS).

**Detailed Description**

The iDRAC Service Module is successfully ended on the server OS.

**Recommended Response Action**

No response action is required.

**Category**

Audit (ISM = iDRAC Service Module)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*
ISM0013

Message: The feature arg1 is enabled.
Arguments: arg1 = feature name
Detailed Description: The feature identified in the message is enabled by using the one of the iDRAC interfaces.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

ISM0014

Message: The feature arg1 is disabled.
Arguments: arg1 = feature name
Detailed Description: The feature identified in the message is disabled by using one of the iDRAC interfaces.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

ISM0015

Message: The iDRAC Service Module detected a change in the host name of the server operating system (OS).
Detailed Description: The iDRAC Service Module detected a change in the host name of the server OS.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### ISM0016

**Message**
The BMC watchdog reset time is changed to *arg1* seconds.

**Arguments**
*arg1* = reset time

**Detailed Description**
The BMC watchdog reset time is changed to a value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### ISM0017

**Message**
The BMC watchdog auto-recovery action is changed from *arg1* to *arg2*.

**Arguments**
*arg1* = original action, *arg2* = new action

**Detailed Description**
The BMC watchdog auto-recovery action is changed from the original action identified in the message to the new action identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### ISM0018

**Message**
The OS Collector application is successfully started on the server operating system (OS).

**Detailed Description**
The OS Collector application is started on the server Operating System.

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
ISM0019

**Message**
The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files.

**Detailed Description**
The OS Collector application did not start successfully on the server operating system (OS), because checksum verification did not succeed for some files.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

ISM0020

**Message**
The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

**Detailed Description**
The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC, and then retry the operation.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

ISM0021

**Message**
The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.

**Detailed Description**
The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)
ISM0022

Message: The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.

Detailed Description: The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 2 (Warning)

ISM0023

Message: The feature WMI Information is de-activated because the iDRAC firmware version installed is not compatible. It will be activated when the compatible iDRAC firmware is installed.

Detailed Description: The feature WMI Information is disabled. It will be enabled when a compatible iDRAC firmware is installed.

Recommended Response Action: WMI Information feature requires iDRAC 8 firmware version 2.00.00 or later. Update the iDRAC firmware to the appropriate version to activate the WMI Information feature.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)
JCP Event Messages

JCP000

Message
A new job with ID arg1 is created.

Arguments
arg1 = ID number

Detailed Description
A new job with the ID identified in the message is created.

Recommended Response Action
No response action is required.

Category
Updates (JCP = Job Control)

Severity
Severity 3 (Informational)

Filter Visibility
<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

JCP001

Message
Task successfully scheduled.

Detailed Description
The UEFI automated task related to the job was successfully scheduled.

Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

JCP002

Message
Unable to schedule the job.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The Lifecycle Controller is not able to schedule a job at this time because of an internal error.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Wait up to three minutes and retry the operation. If the problem persists, reboot the system and enumerate DCIM_Lifecycle Job to view the list of jobs that are currently scheduled.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### JCP003

<table>
<thead>
<tr>
<th>Message</th>
<th>The Job did not complete successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Job did not complete successfully.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Retry the operation, and if necessary, make sure that valid parameters are provided for the operation. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### JCP004

<table>
<thead>
<tr>
<th>Message</th>
<th>Time elapsed - Job Failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The jobs time window expired and the job failed to complete</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Retry the action and increase the time window so that the job can complete.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### JCP005

<table>
<thead>
<tr>
<th>Message</th>
<th>System services cancelled - Job Failed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>System services was cancelled by selecting CTRL+E on boot up and cancelling it through the iDRAC configuration utility. This prevents jobs from executing further.</td>
</tr>
</tbody>
</table>
Recommended Response
Enable system services through the CTRL+E on boot up on the target system through the iDRAC configuration utility.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

JCP006

Message
Invalid job attribute.

Detailed Description
One or more of the specified values for creating a job are invalid or an internal error has occurred when scheduling the job.

Recommended Response Action
Use the correct value for the job attribute and retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

JCP007

Message
Job successfully completed.

Detailed Description
The submitted job completed successfully.

Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)
JCP008

Message: Job completed with errors.

Detailed Description: Multiple attributes were set in the operation but some set attribute actions were not successful. For example, setting an attribute that is not valid for the component being configured.

Recommended Response: Examine the results of the configuration job in the Lifecycle Log for the source of the errors. Modify the settings as necessary and resubmit the job.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

JCP009

Message: Scheduled job was cancelled.

Detailed Description: Scheduled jobs were deleted as a result of a cancel job request. The job cancellation request is manually or programmatically initiated. Lifecycle Controller enters Recovery mode when unrecoverable and persistent errors occur.

Recommended Response: If the job was not cancelled manually, then Lifecycle Controller may be in Recovery mode. To verify or change Recovery mode, use F2 Setup to select iDRAC Configuration then Lifecycle Controller Settings.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (JCP = Job Control)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**JCP010**

<table>
<thead>
<tr>
<th>Message</th>
<th>The command was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The method invoked was successfully completed.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**JCP011**

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid parameter value for <em>arg1</em>.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td><em>arg1</em> = parameter</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The value provided for the specified parameter is invalid and must be corrected for the invoked method to complete successfully.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation. Retry the operation requested with corrected value.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**JCP012**

<table>
<thead>
<tr>
<th>Message</th>
<th>The operation failed due to an internal iDRAC error.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested operation requires memory or file space allocation. The operation failed due to lack of memory or file space in the iDRAC.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Retry the operation. If the issue persists, reset iDRAC and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td></td>
<td>697</td>
</tr>
</tbody>
</table>
JCP013

**Message**
Missing parameter(s) `arg1`

**Arguments**
`arg1` = parameters

**Detailed Description**
One or more required input parameters needed for the operation are missing.

**Recommended Response**
Refer to the documentation for the operation being attempted and provide valid values for the identified parameters.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

JCP014

**Message**
Maximum jobs per queue exceeded.

**Detailed Description**
The number of jobs specified in the SetupJobQueue request combined with the existing job count contains more jobs IDs than the maximum number of jobs supported by the system (256). Completed jobs are automatically deleted if they are older than the delete on completion timeout setting.

**Recommended Response**
Reduce the number of jobs specified in the operation or reduce the existing job count before retrying the operation. Perform one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are automatically deleted. 3) Change the delete on completion timeout setting to a smaller value so that completed jobs are automatically deleted sooner.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

JCP015

**Message**
A running job cannot be deleted.

**Detailed Description**
The job is currently executing and cannot be deleted. The job needs to finish running, whether successful or not, before it can be deleted.
<table>
<thead>
<tr>
<th>JCP016</th>
<th>JCP017</th>
<th>JCP018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td><strong>Message</strong></td>
<td><strong>Message</strong></td>
</tr>
<tr>
<td>Invalid UntilTime value. A minimum of 5 minutes is required.</td>
<td>Job creation request unsuccessful. Maximum number of jobs reached.</td>
<td>Cannot create new jobs until the existing Export job is completed or the job is cancelled.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td><strong>Detailed Description</strong></td>
<td></td>
</tr>
<tr>
<td>The UntilTime input parameter for the job or job queue creation must be at least 5 minutes after the value specified in the StartTime parameter.</td>
<td>The current job count has reached the maximum value supported. No more jobs are created until the number of jobs on the system is reduced. Completed jobs are automatically deleted if they are older than the DeleteOnCompletionTimeout setting.</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td><strong>Recommended Response Action</strong></td>
<td></td>
</tr>
<tr>
<td>Set the UntilTime at least 5 minutes after StartTime and retry the operation.</td>
<td>Do one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are automatically deleted. 3) change the DeleteOnCompletionTimeout setting using the WSMAN API to a smaller value so that completed jobs are automatically deleted sooner.</td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td><strong>Category</strong></td>
<td></td>
</tr>
<tr>
<td>Configuration (JCP = Job Control)</td>
<td>Configuration (JCP = Job Control)</td>
<td></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td><strong>Severity</strong></td>
<td></td>
</tr>
<tr>
<td>Severity 2 (Warning)</td>
<td>Severity 2 (Warning)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>No alerts are applicable for this message</em></td>
<td><em>No alerts are applicable for this message</em></td>
<td></td>
</tr>
</tbody>
</table>
JCP019

Message
Cannot create new jobs until the existing Import System Profile job is completed or cancelled.

Detailed Description
A new job cannot be created until the existing Import Server Profile job is complete or deleted. Only one Import Server Profile job can be running at any given time.

Recommended Response
Do one of the following: 1) Retry the operation after the Import Server Profile job is complete. 2) Delete the scheduled Import Server Profile job and retry the operation.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

JCP020

Message
Cannot schedule jobs while export or import operations are running.

Detailed Description
Existing jobs cannot be scheduled while an Export Server Profile or Import Server Profile job is running.

Recommended Response
Retry the job scheduling operation after the export or import operation is completed.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

JCP021

Message
The operation failed due to an internal iDRAC error.

Detailed Description
The operation did not complete successfully because of lack of an unknown error in the iDRAC.
JCP022

Message: Invalid Job ID \texttt{arg1} for scheduling or deletion operation.

Arguments: \texttt{arg1} = jobid number

Detailed Description: An invalid Job ID was provided as input for a scheduling or deletion operation. The Job ID indicated in the message does not match an existing Job on the target system.

Recommended Response: Verify the job ID value by enumerating job instances and validating that the Job ID value is correct for the job being scheduled or deleted. Retry the operation with the correct Job ID value.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

JCP023

Message: Duplicate Job ID \texttt{arg1}.

Arguments: \texttt{arg1} = jobid number

Detailed Description: One of the job ID values specified as input to the operation is a duplicate. The duplicated Job ID is indicated in the message.

Recommended Response: Use the correct job ID and retry. Use the GetAllJobs method to retrieve all open jobs.

Category: Configuration (JCP = Job Control)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

JCP024

Message: Lifecycle Controller is in use. This job starts when Lifecycle Controller is available.

Detailed Description: Lifecycle Controller cannot gain access to internal storage due to use by another application or operation. This job starts when Lifecycle Controller is available.
<table>
<thead>
<tr>
<th>Message</th>
<th>Lifecycle Controller is not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller can be enabled in the F2 Setup application or through a remote operation.</td>
</tr>
<tr>
<td>Recommended</td>
<td>If Lifecycle Controller is in Recovery mode a firmware update of Lifecycle Controller may be required. To change the Lifecycle Controller mode, do the following: 1) Restart the system and press F2 to launch the System Setup application 2) Select iDRAC Configuration 3) Select Lifecycle Controller Settings to enable Lifecycle Controller.</td>
</tr>
<tr>
<td>Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message.

**JCP026**

<table>
<thead>
<tr>
<th>Message</th>
<th>Update packages are being downloaded. This job resumes when the downloads are completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Update packages are being downloaded for other jobs initiated on this system. This job resumes when the downloads complete.</td>
</tr>
<tr>
<td>Recommended</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (JCP = Job Control)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message.

**JCP027**

<table>
<thead>
<tr>
<th>Message</th>
<th>Job created successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

702
**Detailed Description**
An install or configuration job is successfully created on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10267

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**JCP028**

**Message**
Job status updated.

**Detailed Description**
An install or configuration job status is successfully updated on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<td></td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
JCP029

Message: A Job of JobType arg1 already exists.

Arguments: arg1 = parameter

Detailed Description: Only one Job of the JobType requested can be created or scheduled at any time. A job of the same type already exists in the job queue.

Recommended Response: Wait until the existing job is complete or delete the existing job and then retry the operation.

Category: Audit (JCP = Job Control)

Severity: Severity 2 (Warning)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

JCP030

Message: Unable to schedule jobs while an iDRAC firmware update or configuration job is running.

Detailed Description: Unable to schedule jobs for execution while an iDRAC firmware update job is running.

Recommended Response: Wait for the running job to complete, and then retry the operation.

Category: Configuration (JCP = Job Control)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

JCP031

Message: Unable to delete the job because the configuration is still being committed.
**JCP032**

**Message**
Unable to create a job because conflicting options are entered.

**Detailed Description**
The configuration job cannot be created because the -r and --realtime options cannot be used at the same time.

**Recommended Response**
Make sure that only one of either -r or --realtime option is entered. For example, to run a job immediately, enter the --realtime option. To schedule a job that will be run after restarting a server, use the -r option. For more information about options, see the RACADM Command Line Reference Guide available at the support site. If the issue persists, contact your service provider.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Arguments**
arg1 = job ID, arg2 = number of settings, arg3 = profile name, arg4 = service tag, arg5 = slot number

**Detailed Description**
This job information message occurs if some configuration stored in the profile are not applicable to the target server.

---

**JCP8501**

**Message**
Job ID: arg1. CMC sent arg2 properties from arg3 profile to the server (Service Tag: arg4) in the slot arg5.

**Arguments**
arg1 = job ID, arg2 = number of settings, arg3 = profile name, arg4 = service tag, arg5 = slot number

**Detailed Description**
This job information message occurs if some configuration stored in the profile are not applicable to the target server.
Recommended Response Action: No response action is required.

Category: Configuration (JCP = Job Control)

Severity: Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC ✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC ✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC ✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC ✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>
# LC Event Messages

## LC001

<table>
<thead>
<tr>
<th>Message</th>
<th>Command successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The command completed successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## LC002

<table>
<thead>
<tr>
<th>Message</th>
<th>General failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A general failure occurred while executing the command.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify network connectivity. If failure persists, reset the iDRAC to resolve the issue.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## LC003

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed to change the firmware update mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>An error occurred while trying to set the firmware update mode.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify that the firmware version supports this mode. Also confirm that the command and parameters are correct. The parameter choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
LC004

Message: Provisioning Server information is not formatted correctly.

Detailed Description: The Provisioning Server parameter information is not formatted correctly.

Recommended Response: Verify the string format. Enter a valid IP address or hostname for the Provisioning Server such as: 1) hostname 2) hostname.domain.com 3) 1.1.1 4) hostname:8080 5) hostname.dell.com:8080 6) hostname1:80,hostname2:8080

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

LC005

Message: Invalid firmware update mode.

Detailed Description: The value provided for the update mode parameter is invalid.

Recommended Response: Verify that the correct firmware update mode was entered. The choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

LC006

Message: Invalid Auto-Discovery action.

Detailed Description: The Auto-Discovery action selected is invalid.

Recommended Response: Verify that the selected Auto-Discovery action is supported. The supported commands are documented in the Lifecycle Controller User Guide.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>LC007</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid Parameter.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One of the parameters specified in the method is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Verify that the parameters specified are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC008</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unsupported method parameter value.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The parameter value is not supported.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC009</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Insufficient method parameters.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>There were insufficient parameters specified for this command.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>
**LC010**

**Message**  
Certificate imported successfully.

**Detailed Description**  
The communications encryption certificate was imported successfully.

**Recommended Response**  
No response action is required.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 3 (Informational)

---

**LC0100**

**Message**  
Lifecycle Controller has entered Recovery mode.

**Detailed Description**  
A persistent error has occurred while carrying out a Lifecycle Controller operation. This situation causes Lifecycle Controller to enter Recovery mode. Any remote jobs pending execution were cancelled.

**Recommended Response**  
To verify or change Recovery mode, use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings. Updating Lifecycle Controller clears the Recovery mode.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

---

**LC0101**

**Message**  
Lifecycle Controller action was cancelled by a user.

**Detailed Description**  
A user cancelled Lifecycle Controller actions. Any remote jobs pending execution were cancelled.

**Recommended Response**  
No response action is required.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 3 (Informational)

---

No alerts are applicable for this message
### LC011

**Message**  
Certificate import operation failed.

**Detailed Description**  
There was a general failure in the certificate import process.

**Recommended Response**  
Try one of the following: 1) Rerun the command. 2) Reset iDRAC and run the command.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

### LC012

**Message**  
Another process is using Lifecycle Controller.

**Detailed Description**  
Lifecycle Controller is in use by another process. Wait for other process to complete before attempting to run another command.

**Recommended Response**  
Try one of the following: 1) Rerun the command after about 2 minutes. 2) Make sure that Lifecycle Controller Unified Server Configurator or an Update Package is not currently running on the server 3) Reset iDRAC and rerun the command.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### LC013

**Message**  
A configuration job cannot be created because there are no pending values to change.

**Detailed Description**  
No changes are available between the previous configuration and the current configuration. At least one attribute should be changed to create a configuration job.

**Recommended Response**  
Change the configuration of one or more attributes before creating a configuration job.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
LC014

Message    Maximum comment length is 255 characters.
Detailed Description    Maximum comment length is 255 characters.
Recommended Response    Limit the number of characters in the comment to 255 characters.
Category    Configuration (LC = Lifecycle Contr)
Severity    Severity 2 (Warning)

No alerts are applicable for this message

LC015

Message    Invalid Part Configuration Update
Detailed Description    Invalid current attribute value
Recommended Response    Check for correct parameter values: 1) Disabled 2) Apply always 3) Apply only if firmware match.
Category    Configuration (LC = Lifecycle Contr)
Severity    Severity 2 (Warning)

No alerts are applicable for this message

LC016

Message    Missing required parameter, arg1.
Arguments    arg1 = parameter
Detailed Description    A required method argument was missing.
Recommended Response    Include all the parameters required for the command. Check Lifecycle Controller Profile documentation and try again.
Category    Configuration (LC = Lifecycle Contr)
Severity    Severity 2 (Warning)

No alerts are applicable for this message
LC017

Message: Invalid value for the parameter, *arg1*.

Arguments: *arg1 = parameter*

Detailed Description: A parameter value provided when the method was invoked is not valid.

Recommended Response Action: Verify that parameter values provided to the method are typed as they appear in the enumeration and that the parameter data type matches the Lifecycle Controller Profile documentation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

LC018

Message: Server certificate successfully modified. iDRAC will now restart and be unavailable during restart.

Detailed Description: The certificate modification operation was successful. Communication to iDRAC will be lost as iDRAC restarts to use the new server certificate.

Recommended Response Action: No response action is required.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

LC019

Message: Base64 decode of PKCS12 content was not successful.

Detailed Description: The PKCS12 string could not be decoded from the Base64 encoding into a PKCS12 binary file.

Recommended Response Action: Validate that the contents of the PKCS12 parameter is base64 encoded. &nbsp;Openssl can be used to validate the encoding.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC020</td>
<td>PKCS12 decrypt of the certificate could not complete.</td>
<td>The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a certificate that matched the private key in the file.</td>
<td>Validate that the PKCS12 content was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 encoding.</td>
<td>Configuration (LC = Lifecycle Contr)</td>
<td>Severity 2 (Warning)</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>LC021</td>
<td>PKCS12 decrypt of private key could not complete.</td>
<td>The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a valid key.</td>
<td>Validate that the PKCS12 file was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 file.</td>
<td>Configuration (LC = Lifecycle Contr)</td>
<td>Severity 2 (Warning)</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>LC022</td>
<td>Lifecycle Controller Log Export was successful.</td>
<td>The Lifecycle Controller Log was successfully exported to the destination specified.</td>
<td>No response action is required.</td>
<td>Configuration (LC = Lifecycle Contr)</td>
<td>Severity 3 (Informational)</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>Message</td>
<td>Cannot access network share.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Credentials or network share identity information provided did not result in a network connection being established.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check network share access credentials (IP address, user name, password, share type, and so on). Refer to Lifecycle Controller Profile documentation for more details.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

| Message | Unable to retrieve Lifecycle Controller Log records. |
| Detailed Description | Unable to retrieve Lifecycle Controller Log records because of an issue internal to the firmware. |
| Recommended Response Action | Do one of the following: 1) Try the operation again 2) AC power cycle the system 3) apply the latest firmware update packages for Lifecycle Controller and iDRAC. |
| Category | Configuration (LC = Lifecycle Contr) |
| Severity | Severity 1 (Critical) |

No alerts are applicable for this message

| Message | Insufficient space on network share. |
| Detailed Description | Insufficient space on network share. |
| Recommended Response Action | Make more space available on the network share and try the operation again. |
| Category | Configuration (LC = Lifecycle Contr) |
| Severity | Severity 2 (Warning) |

No alerts are applicable for this message
**LC026**

**Message**
Lifecycle Controller Log Export method is not supported.

**Detailed Description**
This method is not supported in this version of the iDRAC firmware.

**Recommended Response Action**
Update the iDRAC firmware to a version that supports the log export.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**LC027**

**Message**
The Hardware Inventory file export was successful.

**Detailed Description**
The Hardware Inventory XML file export operation was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**LC028**

**Message**
Unable to retrieve Hardware Inventory information.

**Detailed Description**
Hardware Inventory information is not retrievable due to an internal error.

**Recommended Response Action**
Try one of the following: 1) Try the operation again 2) AC power cycle system 3) apply the latest firmware update packages for Lifecycle Controller and iDRAC.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**LC029**

**Message**
Invalid file path specified.

**Detailed Description**
An invalid File Path was specified in the export operation.

**Recommended Response**
Correct the specified file path and try again.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LC030**

**Message**
The file path is to a read-only file system.

**Detailed Description**
The file path specified for the operation is a read-only file system.

**Recommended Response**
Enable write access to the file path and try again.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LC031**

**Message**
Internal error occurred while exporting inventory.

**Detailed Description**
An internal error occurred while exporting the Hardware Inventory XML file.

**Recommended Response**
Reset iDRAC and retry the command.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
LC032
Message: The Hardware Inventory Export method not supported.
Detailed Description: This method is not supported in the current version of iDRAC firmware.
Recommended Response: Update the iDRAC firmware to a version that supports this method.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

LC033
Message: As-Shipped Hardware Inventory export was successful.
Detailed Description: The Hardware Inventory XML file representing the system configuration as shipped from the factory was successful.
Recommended Response: No response action is required.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

LC034
Message: Unable to retrieve As-Shipped Hardware Inventory from the system.
Detailed Description: The As-Shipped from the factory Hardware Inventory information is not present on the system.
Recommended Response: No response action is required.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
LC035

Message
As-Shipped Hardware Inventory Export method is not supported.

Detailed Description
This method is not supported in this version of Firmware.

Recommended Response
Update the iDRAC firmware to a version that supports this method.

Action

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

LC036

Message
Lifecycle Controller is not enabled.

Detailed Description
The Lifecycle Controller has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote command.

Recommended Response
Use the iDRAC configuration utility to enable the Lifecycle Controller by pressing on the CTRL+E option on boot up at the targeted system.

Action

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

LC037

Message
An instance of Lifecycle Controller Log Export is already running.

Detailed Description
Lifecycle Controller is locked by another instance of Lifecycle Controller Log Export operation. Wait for that operation to complete before attempting to run another command.

Recommended Response
Do one of the following: 1) Wait approximately 2 minutes and retry the operation. 2) Reset iDRAC and retry the operation.

Action

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
LC038

Message  An instance of Hardware Inventory export is already in progress.
Detailed Description  Lifecycle Controller is locked by another instance of the Hardware Inventory export process. Allow the process to complete before attempting another export operation.
Recommended Response  Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset the iDRAC and rerun the command.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
No alerts are applicable for this message

LC039

Message  An instance of As-Shipped Inventory export is already in progress.
Detailed Description  Lifecycle Controller is locked by another instance of the As-Shipped Inventory export process. Allow the process to complete before attempting another export operation.
Recommended Response  Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
No alerts are applicable for this message

LC040

Message  Memory resource allocation failure.
Detailed Description  Unable to allocate required memory to perform the operation.
Recommended Response  Power cycle system and retry the operation. If the problem persists, reapply firmware packages for Lifecycle Controller and iDRAC.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 1 (Critical)
No alerts are applicable for this message
**LC041**

**Message**
Console name configure failed

**Detailed Description**
The length of the Console name exceeds the maximum length allowed or the file operation error encountered.

**Recommended Response Action**
Change the name of a console to a name less than 32 characters.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LC042**

**Message**
Configure Console name in FlexAddr mode

**Detailed Description**
Configure Console name while Virtual Address Management is in FlexAddr mode.

**Recommended Response Action**
Configure the Virtual Address Management to Console mode, and then configure the name of a console.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LC043**

**Message**
Work note contains non-printable or reserved characters.

**Detailed Description**
Work notes cannot include non-printable or reserved characters, such as &, <, >, /

**Recommended Response Action**
Do not use non-printable characters or reserved characters such as &, <, >, and /.

**Category**
Updates (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
LC044

Message: An instance of Lifecycle Controller system configuration wipe is already running.

Detailed Description: The Lifecycle Controller system configuration wipe operation is currently running. The operation deletes user information from system hardware and resets BIOS, iDRAC and Lifecycle Controller to default settings. The current operation and system restart must complete before the operation can be attempted again.

Recommended Response: Wait for the Lifecycle Controller system configuration wipe operation that is currently running to complete before requesting another operation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

LC045

Message: An instance of CreateConfigJob is already running.

Detailed Description: The CreateConfigJob operation is currently running. The current operation and system restart must complete before the operation can be attempted again.

Recommended Response: Wait for the CreateConfigJob operation that is currently running to complete before requesting another operation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

LC046

Message: An instance of DownloadServerPublicKey is already running.

Detailed Description: The DownloadServerPublicKey operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again.

Recommended Response: Wait a few minutes before retrying retry the operation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
LC047

Message: An instance of DownloadClientCerts is already running.
Detailed Description: The DownloadClientCerts operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again.
Recommended Response: Wait a few minutes before retrying.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

LC048

Message: Invalid input value for IPChangeNotifyPS.
Detailed Description: The value provided to set the attribute identified in the message is invalid.
Recommended Response: For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the IPChangeNotifyPS attribute.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

LC049

Message: Invalid value for VirtualAddressManagement.
Detailed Description: The value provided to set the attribute identified in the message is invalid.
Recommended Response: For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the VirtualAddressManagement attribute.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.
## LC050

**Message**
Invalid value for SystemServicesState.

**Detailed Description**
The value provided to set the attribute identified in the message is invalid.

**Recommended Response**
For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the SystemServicesState attribute.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

## LC051

**Message**
Cannot create multiple Server Profile Export jobs.

**Detailed Description**
There can only be one Server Profile Export job at a time.

**Recommended Response**
Wait for the existing Server Profile Export job to run and complete or cancel it, before retrying the operation.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

## LC052

**Message**
Cannot create multiple Server Profile Import jobs.

**Detailed Description**
There can only be one Server Profile Import job at a time.

**Recommended Response**
Wait for the existing Server Profile Import job to run and complete or cancel it, before retrying the operation.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
LC053

Message
Lifecycle Controller Remote Services is currently unavailable.

Detailed Description
Lifecycle Controller Remote Service is either not ready or currently reloading server information.

Recommended Response
Retry the operation. If the issue persists, refer to Lifecycle Controller-Remote Services documentation for more information.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC054

Message
Unable to write to the network share.

Detailed Description
The network share may be read-only or it may not have sufficient space for the export operation.

Recommended Response
Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC055

Message
The operation did not complete successfully because of an invalid attribute array.

Detailed Description
The operation did not complete successfully because the number of AttributeName input parameters provided to the method exceeded the number of attributes available in iDRAC.

Recommended Response
Retry the operation with an input parameter array that matches the available attributes in iDRAC.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
LC056

Message
AttributeName and AttributeValue count mismatch.

Detailed Description
The name value pairs in the input parameter arrays do not match in the input.

Recommended Response
Retry the operation with a valid (AttributeName, AttributeValue) pair.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC057

Message
Invalid AttributeName parameter value.

Detailed Description
The attribute name provided is not valid for the current method.

Recommended Response
Retry the operation with a valid AttributeName parameter value.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC058

Message
Invalid AttributeValue parameter value for corresponding AttributeName value, arg1.

Arguments
arg1 = AttributeName

Detailed Description
The attribute value specified in the AttributeValue array is not valid for the corresponding specified attribute.

Recommended Response
Retry the operation with a valid attribute value for the corresponding specified attribute.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
**LC059**

**Message**
Cannot set read only attribute specified in AttributeName \textit{arg1}.

**Arguments**
\textit{arg1} = parameter

**Detailed Description**
The attribute specified is read only and the value cannot be changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

\textit{No alerts are applicable for this message}

**LC060**

**Message**
Lifecycle controller is currently not ready to take provisioning requests

**Detailed Description**
Lifecycle controller is currently performing tasks and another task cannot be scheduled until the previous task finishes.

**Recommended Response Action**
Wait until Lifecycle controller finishes performing current tasks and host system to finish POST.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

\textit{No alerts are applicable for this message}

**LC061**

**Message**
Lifecycle controller is ready to take provisioning requests

**Detailed Description**
Jobs, invoke methods, enumerates can now be performed on Lifecycle controller.
Lifecycle controller is ready to take provisioning requests.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

\textit{No alerts are applicable for this message}
**LC062**

**Message**: Export or Import server profile operation is already running.

**Detailed Description**: Export or Import server profile operation is already running. The operation may take a few minutes to complete.

**Recommended Response Action**: To retry the operation, wait for a few minutes.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**LC063**

**Message**: Cannot create new jobs until the existing running jobs are completed or deleted.

**Detailed Description**: All jobs must be completed before creating a new job.

**Recommended Response Action**: Retry after all the existing jobs are completed or deleted.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**LC064**

**Message**: The value exceeds the maximum length of **arg1** characters for **arg2**.

**Arguments**: **arg1** = max parameter length, **arg2** = parameter name

**Detailed Description**: The maximum number of characters allowed for the parameter is displayed.

**Recommended Response Action**: Reduce the number of characters to the maximum length allowed for this parameter.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*
LC065

Message
The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is \( \text{arg1} \).

Arguments
\( \text{arg1} = \text{attribute key} \)

Detailed Description
The static IPv4 information for the iDRAC represented by the related iDRACCard Attributes must be configured correctly.

Recommended Response
Configure the iDRAC static IP address information by setting the related iDRACCard Attributes. The related attributes that must be configured are the following: 1) In the IPv4 group: Address, NetMask, Gateway, DNS1 2) In the NIC Static group: DNSDomainName.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC066

Message
The Export Certificate operation is currently running.

Detailed Description
The Export Certificate operation is already running and may take a few minutes to complete.

Recommended Response
Wait until the current operation is complete and then retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LC067

Message
Successfully exported SSL Certificate.

Detailed Description
The Export Certification operation successfully exported the SSL Certificate.

Recommended Response
No response action is required.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>LC068</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The import or export system configuration operation cannot be performed because there are pending attribute changes or a configuration job is in progress.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Apply or cancel any pending attribute changes. Changes can be applied by creating a targeted configuration job, or the changes can be cancelled by invoking the DeletePendingConfiguration method. If a configuration job is in progress, wait until it is completed before retrying the import or export system configuration operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LC069</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Certificate does not exist.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The certificate does not exist for export or delete operation.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LC070</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to find the configuration XML import file.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The configuration XML file used for the import operation does not exist on the specified network share.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Make sure the input configuration XML file for the operation exists on the network share.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>
LC071

Message  The Lifecycle Controller version does not support the export or import of the Server Configuration XML file.

Detailed Description  Unable to export or import server configuration XML because the Lifecycle Controller version on the target does not support this feature.

Recommended Response  Update the Lifecycle Controller version on the target system to a version that supports the export and import server configuration XML feature, and retry the operation.

Category  Configuration (LC = Lifecycle Contr)

Severity  Severity 2 (Warning)

No alerts are applicable for this message

LC072

Message  An SSL Certificate is successfully generated.

Detailed Description  An SSL Certificate is successfully generated in response to the requested operation.

Recommended Response  Download the SSL Certificate and get it signed by an authority.

Category  Configuration (LC = Lifecycle Contr)

Severity  Severity 3 (Informational)

No alerts are applicable for this message

LC073

Message  Unable to generate an SSL Certificate because one or more mandatory security attributes are invalid.

Detailed Description  An SSL Certificate cannot be generated because one or more mandatory security attributes are invalid.

Recommended Response  Make sure that the security attributes are valid and retry the operation.

Category  Configuration (LC = Lifecycle Contr)

Severity  Severity 3 (Informational)

No alerts are applicable for this message
LC074

Message
The Certificate export operation did not complete successfully.

Detailed Description
The Certificate export operation did not complete successfully.

Recommended Response Action
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

LC075

Message
The Custom Signed Certificate (CSC) is deleted successfully. iDRAC will now restart and be unavailable during restart

Detailed Description
Deleting the custom signed certificate should regenerate a new unique certificate. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active

Recommended Response Action
No response action is required.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

LC076

Message
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation.

Detailed Description
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation. This may be due to IPMI communications issues.

Recommended Response Action
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
**LC077**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Certificate imported successfully. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The new certificate will not be in-use until iDRAC has been restarted</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
# LIC Event Messages

## LIC000

<table>
<thead>
<tr>
<th>Message</th>
<th>The License Manager action succeeded.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>This command was successful.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

## LIC001

<table>
<thead>
<tr>
<th>Message</th>
<th>The License Manager command parameter used is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The command or command parameters passed to License Manager is invalid. This is an internal error indicative of memory corruption. Under normal circumstances this error should not occur.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

## LIC002

<table>
<thead>
<tr>
<th>Message</th>
<th>License Manager is unable to allocate the required resources at startup.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The error may occur when License Manager: 1) Is unable to allocate system resources. 2) Determines one or more files is incompatible with the current firmware version. This occurs when an older firmware version has been uploaded to a system that was previously running a newer firmware version. If this occurs, the current internal License Manager files are deleted and new ones are created, which align with the firmware version. A license reimport may be required. NOTE: All import, delete, export, view license commands are blocked until this issue is resolved.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Message</td>
<td>License Manager was unable to create and/or allocate the required resources.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>System resources may be unavailable at the time command is issued.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Re-issue the command. If the issue persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Message</td>
<td>An internal system error has occurred.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>This error condition is reported when one of the following conditions occur: 1) Operating system detected a file error (for example, bad CRC, bad sector) when reading/writing a license manager file. The error could indicate bad or corrupt FLASH device. 2) License Manager detected an internal memory data corruption. 3) The command or command parameters passed to License Manager is invalid. This is an internal error showing memory corruption. Under normal circumstances this error should not occur. 4) When exporting a license file, License Manager was unable to allocate the temporary space required for the transfer of the file.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Message</td>
<td>Import failed: The maximum number of licenses are installed.</td>
</tr>
</tbody>
</table>
Detailed Description
The maximum number of installed licenses has been reached.

Recommended Response Action
Delete one of the currently installed licenses and retry the import.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC006

Message
The license has expired.

Detailed Description
The license end date has been reached.

Recommended Response Action
Obtain a replacement license and import it.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC007

Message
Invalid entry: Object does not exist or cannot be found.

Detailed Description
Each License Manager object has a unique identifier by which it may be accessed.
If the user supplied identifier is outside the acceptable range or the object no longer exists in the system, then this error is returned. Most common identifiers are the license entitlement identifier, the device Fully Qualified Device Descriptor, or the import transaction identifier assigned to a license when imported.

Recommended Response Action
Re-issue this command with correct License Manager object identifier.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC008

Message
The license binding ID does not match the device unique identifier.
**LIC009**

**Message**
The license upgrade was unsuccessful.

**Detailed Description**
An upgrade license carries specific information about the license it is replacing. If that information does not match, then the license import is aborted.

**Recommended Response**
Obtain a new license file with the correct upgrade information.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**LIC010**

**Message**
Import failed: This license is not for the specified device.

**Detailed Description**
A license is not imported to the iDRAC when one of the following conditions exists:
1) The license is not for the iDRAC.
2) The target system may not be upgraded to the product class specified by the license (for example, user may not upgrade from an express product class to an enterprise product class).

**Recommended Response**
Verify this system may be upgraded to the product class specified by the license. If this system cannot be upgraded to the product class specified, obtain a new license file.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**LIC011**

**Message**
A non-evaluation license cannot be replaced with an evaluation license.
License Manager does not allow the replacement of a non-evaluation license with an evaluation license.

To replace a non-evaluation license, first delete the non-evaluation license, then import the evaluation license.

- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)

No alerts are applicable for this message

**LIC012**

- **Message**: The license file does not exist.
- **Detailed Description**: This error may occur if: 1) The license was deleted by another user. 2) The license that is being imported may have been deleted from the temporary storage before the import operation completed. 3) At start-up, License Manager does not find the license assigned to the device. This may occur if a power outage occurs before a license delete operation completes.
- **Recommended Response**: Re-import the license.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)

No alerts are applicable for this message

**LIC013**

- **Message**: These license features are not supported by this firmware version.
- **Detailed Description**: The license includes features not supported in this firmware release.
- **Recommended Response**: Update the firmware to the latest version.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)

No alerts are applicable for this message

**LIC014**

- **Message**: Multiple backup or restore operations have been simultaneously attempted on the License Manager database.
An attempt to lock the License Manager database for Lifecycle Controller backup or restore occurred when the License Manager database was already locked. This may occur when two or more users attempt to do a backup or restore operation simultaneously.

Repeat the Lifecycle Controller backup or restore operation.

LIC015

The License Manager database restore operation failed.

This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when a system is rebooted before the operation is completed.

Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

LIC016

The feature dependencies of the license are not met.

The license includes features that are dependent upon additional licensed features not included in this license. These licensed features are not activated until license(s) with the dependent licensed features are imported to the system.

Import the license(s) that meet the license features dependencies.

LIC017

The license file is corrupted, has not been unzipped, or is not a valid license file.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>This error can occur when the license file: 1) Signature is not valid. 2) Data is not in the correct format. 3) Missing needed data. 4) Contains unknown data. 5) Has not been unzipped.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response</td>
<td>Download the license file, unzip and import the license.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**LIC018**

**Message**

The license is already imported.

**Detailed Description**

The license is already imported on the system and does not need to be reimported.

**Recommended Response**

No response action is required.

**Category**

Audit (LIC = Licensing)

**Severity**

Severity 3 (Informational)

No alerts are applicable for this message

---

**LIC019**

**Message**

A leased license may not be imported prior to its start date.

**Detailed Description**

A leased license may not be imported prior to the actual start date of the license.

**Recommended Response**

Import the license on or after the license start date.

**Category**

Audit (LIC = Licensing)

**Severity**

Severity 2 (Warning)

No alerts are applicable for this message

---

**LIC020**

**Message**

Import failed: End User License Agreement (EULA) import upgrade warning.

**Detailed Description**

Importing an upgrade license without a base license is not allowed, as it may be a violation of the license EULA agreement. If the base license was deleted, the
system allows the user to override the warning by invoking the import override option.

**Recommended Response**

If the base license was deleted, override the warning by invoking the import override option.

**Category**

Audit (LIC = Licensing)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LIC021**

**Message**

Import failed: The features contained in the evaluation license are already licensed.

**Detailed Description**

All the features in the evaluation license are currently licensed in the system. The license is not imported as it would duplicate existing and active licensed features.

**Recommended Response**

Remove the license(s) that contain the license set from the evaluation license.

**Category**

Audit (LIC = Licensing)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

---

**LIC022**

**Message**

License Manager database locked due to ongoing backup and restore operation.

**Detailed Description**

License Manager database is locked while a backup and restore operation is in progress. License import/export/delete operations are not allowed but a user can view license information.

**Recommended Response**

Wait until the backup or restore operation completes and try again.

**Category**

Audit (LIC = Licensing)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

---

**LIC024**

**Message**

License operation did not complete successfully because the device is turned on.

**Detailed Description**

The License can not be installed, deleted or replaced when the device is on.
LIC201

Message       License \texttt{arg1} assigned to device \texttt{arg2} expires in \texttt{arg3} days.
Arguments     \texttt{arg1} = entitlement ID, \texttt{arg2} = device name, \texttt{arg3} = number of days
Detailed Description This license is going to expire. An expired license could result in the loss of functionality that is specific to the features supported by the license.
Recommended Response Action Purchase a new license to prevent interruption of licensed features.

LIC202

Message       A system error was detected during License Manager startup.
Detailed Description This error can occur when: 1) Platform table has invalid value for default license feature set and permissible license upgrade path. In this case, the system sets the default licensed feature set to Basic Management and does not restrict the license upgrade path. 2) License Manager fails to load due to lack of system resources.
Recommended Response Action Reset iDRAC.
LIC203

**Message**
The license arg1 has encountered an error.

**Arguments**
arg1 = entitlement ID

**Detailed Description**
Signature verification failed due to an error in the saved license file.

**Recommended Response**
Delete and re-import the license file.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8513

---

LIC204

**Message**
The License Manager database restore operation failed.

**Detailed Description**
This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when the iDRAC is reset while the restore operation is in progress.
Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**License Manager database lock timeout has been exceeded.**

The License Manager sets a maximum time period that its database may be locked. If that timeout exceeds, it releases the lock conditions and reports the error. The user must assume that the Lifecycle Controller backup or restore operation failed and should repeat the operation.

EULA warning: Importing license arg1 may violate the End-User License Agreement.
Arguments  
arg1 = entitlement ID

Detailed Description  
The license was imported after the user overrode EULA warning.

Recommended Response  
Remove the license if the import violates the EULA.

Category  
Audit (LIC = Licensing)

Severity  
Severity 2 (Warning)

Trap/EventID  
8514

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td>✔</td>
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<td></td>
</tr>
</tbody>
</table>

LIC207

Message  
License arg1 on device arg2 has expired.

Arguments  
arg1 = entitlement ID, arg2 = device name

Detailed Description  
The license has expired. This could result in the loss of functionality that is specific to the features supported by the license.

Recommended Response  
Obtain and import a replacement license.

Category  
Audit (LIC = Licensing)

Severity  
Severity 2 (Warning)

Trap/EventID  
8514

<table>
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<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>
LIC208

Message: License arg1 imported to device arg2 successfully.

Arguments: arg1 = entitlement ID, arg2 = device name

Detailed Description: A license was successfully imported.

Recommended Response Action: No response action is required.

Category: Audit (LIC = Licensing)

Severity: Severity 3 (Informational)

Trap/EventID: 8515

LIC209

Message: License arg1 exported from device arg2 successfully.

Arguments: arg1 = entitlement ID, arg2 = device name

Detailed Description: A license was successfully exported.

Recommended Response Action: No response action is required.

Category: Audit (LIC = Licensing)

Severity: Severity 3 (Informational)

Trap/EventID: 8515
LIC210

Message
License arg1 deleted from device arg2 successfully.

Arguments
arg1 = entitlement ID, arg2 = device name

Detailed Description
A license was successfully deleted.

Recommended Response Action
No response action is required.

Category
Audit (LIC = Licensing)

Severity
Severity 3 (Informational)

Trap/EventID
8515

LIC211

Message
The iDRAC feature set has changed.

Detailed Description
License import/delete/expiration resulted in a feature set change.

Recommended Response Action
No response action is required.
**LIC212**

**Message**  
The CMC features are changed.

**Detailed Description**  
The features are updated because the license was imported or deleted, or the license has expired.

**Recommended Response**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515

---

**LIC213**

**Message**  
A system error was detected during License Manager startup.

**Detailed Description**  
This error can occur when: 1) License Manager fails to load due to lack of system resources.
**LIC501**

**Message**
A required license is missing or expired.

**Detailed Description**
The attempted action requires a valid license for certain advanced features installed in the system but the required license is missing or expired.

**Recommended Response**
Obtain an appropriate license then try again. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

---

**LIC502**

**Message**
Features not available.

**Detailed Description**
The attempted features are not available in the system.

**Recommended Response**
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

---
LIC503

Message
Unable to complete the current operation. The currently installed license does not support the following features: arg1.

Arguments
arg1 = licensable features

Detailed Description
The currently installed license does not support the feature for the requested operation. The operation requires a valid license to enable specific features in the system. Since the required license is missing or expired, the features that are being accessed during the operation are disabled.

Recommended Response Action
Acquire and install the license to enable the required feature, and retry the operation. If the problem persists, contact technical support or see product documentation for more information.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC900

Message
The command was successful.

Detailed Description
The operation was successful.

Recommended Response Action
No response action is required.

Category
Configuration (LIC = Licensing)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

LIC901

Message
Invalid parameter value for arg1.

Arguments
arg1 = parameter

Detailed Description
The value provided for the specified parameter is invalid.

Recommended Response Action
To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.

Category
Configuration (LIC = Licensing)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 2 (Warning)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

### LIC902

**Message**
Resource allocation failure.

**Detailed Description**
Unable to allocate the resource because of lack of memory or file space in the iDRAC.

**Recommended Response Action**
Reset iDRAC and retry the operation.

**Category**
Configuration (LIC = Licensing)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

### LIC903

**Message**
Missing parameters *arg1*.

**Arguments**
*arg1 = parameters*

**Detailed Description**
One or more parameters were not specified for the invoked method.

**Recommended Response Action**
To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.

**Category**
Configuration (LIC = Licensing)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### LIC904

**Message**
Could not connect to network share.

**Detailed Description**
The network share is not accessible from the iDRAC.

**Recommended Response Action**
Verify the network share connection and retry the operation.

**Category**
Configuration (LIC = Licensing)

**Severity**
Severity 2 (Warning)
LIC905

Message
The LicenseName value cannot exceed 64 characters.

Detailed Description
The LicenseName value is greater than the allowed max length of 64.

Recommended Response
Correct the length of the LicenseName value and retry the operation.

Category
Configuration (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC906

Message
License file is not accessible on the network share.

Detailed Description
The license file is not present or accessible from the network share location.

Recommended Response
Verify the license file is located on the network share and file access permissions are correct, then retry the operation.

Category
Configuration (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

LIC907

Message
Unable to perform the operation due to an unknown error in iDRAC.

Detailed Description
The operation did not complete successfully because of lack of an unknown error in the iDRAC.

Recommended Response
Retry the operation. If the issue persists, reset the iDRAC.

Category
Configuration (LIC = Licensing)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
LNK Event Messages

LNK0001

Message: Network share name unavailable.
Detailed Description: The entered network share name is not valid.
Recommended Response: Enter a valid network share name and retry the operation. For more information, see Lifecycle Controller Users Guide.
Category: System Health (LNK = Link Status)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC ✔️
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC ✔️
CMC

LNK0002

Message: Unable to resolve host name.
Detailed Description: The DNS query did not complete successfully. This may be because the connection timed out due to an incorrect host name or a DNS server configuration issue.
Recommended Response: Do the following: 1) Verify host name entered is valid and retry the operation. 2) If the issue persists, verify the DNS server settings are configured properly to resolve the host name.
Category: System Health (LNK = Link Status)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC
CMC

753
### LNK0003

**Message**
Unable to connect to the DNS server.

**Detailed Description**
Cannot connect to the DNS server because of network issues or there is no response from the DNS server.

**Recommended Response**
Verify that the server is connected to the network and retry the operation.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

---

#### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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</table>

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### LNK0004

**Message**
Unable to connect to FTP server.

**Detailed Description**
Unable to connect to FTP server due to a network error.

**Recommended Response**
Check the network connection, network configuration settings, and retry. If the problem persists, restart the FTP server.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

---

#### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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**LNK0005**

**Message**
Unable to connect to DHCP server.

**Detailed Description**
Error occurred while communicating with the DHCP server because the network settings are not configured correctly or the DHCP server could not be contacted.

**Recommended Response**
Verify if the network cable is connected and network configuration settings are correct, and retry the operation. If the problem persists, update the network interface controller (NIC) firmware to the latest version and retry the operation.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**LNK2700**

**Message**
The `arg1` network link is down.

**Arguments**
`arg1` = name

**Detailed Description**
CMC has lost network connection.

**Recommended Response**
Check network cable and network connections.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2249
LNK2701

Message   The arg1 network link is up.
Arguments  arg1 = name
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (LNK = Link Status)
Severity Severity 3 (Informational)
Trap/EventID 2251

LNK8500

Message   Unable to connect the server in slot arg1 to the IOM in slot arg2 port arg3, because the IOM port is down.
Arguments arg1 = slot id, arg2 = IOM slot id, arg3 = IOM port id
Detailed Description The server identified in the message could not be successfully connected to the external network, because the network connection is not functional.
Recommended Response  
Action

Category: System Health (LNK = Link Status)  
Severity: Severity 2 (Warning)  
Trap/EventID: 2250

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</tr>
</tbody>
</table>

**LNK8501**

Message: The network connection of server in slot arg1 IOM in slot arg2 port arg3 is restarted.

Arguments: arg1 = slot id, arg2 = IOM slot id, arg3 = IOM port id

Detailed Description: The network connection of the identified server to the external network is restored.

Recommended Response Action

Category: System Health (LNK = Link Status)  
Severity: Severity 3 (Informational)  
Trap/EventID: 2251

<table>
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</table>
LOG Event Messages

LOG001

Message: Missing required InstanceID or JobID parameter.
Detailed Description: One or more required parameters needed for the method invoked in the operation are missing.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (LOG = Log event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

LOG002

Message: Invalid parameter value for InstanceID.
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (LOG = Log event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

LOG003

Message: ConfigResults not available for log entry specified.
Detailed Description: The log entry with the specified InstanceID does not have any associated configuration results.
Recommended Response Action: Verify the ConfigResults availability for the InstanceID through enumeration of the LogEntry class and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (LOG = Log event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>LOG004</th>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Resource allocation failure.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The operation did not complete successfully because of lack of memory or file space in iDRAC firmware.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Reset iDRAC and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
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</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>LOG005</th>
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</tr>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Cannot perform the operation due to an unknown error in iDRAC.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The operation did not complete successfully because of an unknown error in iDRAC.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Retry the operation. If the issue persists, reset the iDRAC.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
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</table>

*No alerts are applicable for this message*

<table>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Test event generated for message ID arg1.</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = message ID</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This message is generated while performing a Test Event action. Performing a Test Event action logs an event in the Lifecycle Log with the user specified message ID. It may also generate events through SNMP, email, or other event notification sources if they are enabled. The test event does not indicate that there is a hardware or software problem. It provides a mechanism for users to test their event processing applications.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LOG = Log event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>
The previous log entry was repeated `arg1` times.

- `arg1` = log entry count

This message is generated after a series of sequential duplicate events. Log entry count is the number of times the previous message was repeated.

No response action is required.

Audit (LOG = Log event)  Severity 3 (Informational)
**Severity**  
Severity 3 (Informational)

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**LOG201**

**Message**  
Recovered from Lifecycle Controller Log corruption.

**Detailed Description**  
Lifecycle Controller Log corruption was detected during iDRAC boot. The Lifecycle Controller Log was truncated at the point of corruption.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (LOG = Log event)

**Severity**  
Severity 3 (Informational)

No alerts are applicable for this message

**LOG202**

**Message**  
Recovered from Lifecycle Controller Log comments file corruption.

**Detailed Description**  
Unable to access part of Lifecycle Controller Log comments file during iDRAC boot. The file was truncated at the point of corruption.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (LOG = Log event)

**Severity**  
Severity 3 (Informational)

No alerts are applicable for this message

**LOG203**

**Message**  
Lifecycle Log archived up to Log Sequence number arg1 .

**Arguments**  
arg1 = seq num
Detailed Description: This message is generated while archiving Lifecycle Log. All the older messages are archived and can be retrieved using the export Lifecycle Log feature.

Recommended Response Action: No response action is required.

Category: Audit (LOG = Log event)

Severity: Severity 3 (Informational)

Filter Visibility

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iDRAC ✔
CMC

LOG204

Message: Lifecycle Log archive operation did not complete.

Detailed Description: The archive operation did not complete. 10% of the events from the cache will be dropped to make space for new events.

Recommended Response Action: No response action is required.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Filter Visibility

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iDRAC ✔
CMC

762
LOG300
Message: The system recovered from Chassis Log file corruption.
Detailed Description: The system recovered from Chassis Log file corruption. Some log entries may not be recovered.
Recommended Response Action: No response action is required.
Category: Configuration (LOG = Log event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

LOG302
Message: The Chassis Log file header is corrupted.
Detailed Description: The Chassis Log file header is corrupted. The Chassis Log will be recreated and all current log entries will not be preserved.
Recommended Response Action: No response action is required.
Category: Configuration (LOG = Log event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

LOG303
Message: Unable to archive the Chassis Log file.
Detailed Description: Unable to rename current Chassis Log file during archive operation. Some log entries may be lost.
Recommended Response Action: No response action is required.
Category: Configuration (LOG = Log event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
LOG305

Message  The Chassis Log file was cleared.
Detailed Description  The Chassis Log file was cleared as a result of clear log operation.
Recommended Response Action  No response action is required.
Category  Configuration (LOG = Log event)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

LOG320

Message  Log monitoring is disabled. Log type: arg1.
Arguments  arg1 = log type
Detailed Description  The hardware log in the system is disabled. The log type information is provided.
Recommended Response Action  No response action is required.
Category  Audit (LOG = Log event)
Severity  Severity 2 (Warning)
OMSA Event ID  5550

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

LOG321

Message  The log status is unknown. Log type: arg1.
Arguments  arg1 = log type
**LOG322**

**Message**

The log size is no longer near the maximum capacity. Log type: \textit{arg1}.

**Arguments**

\textit{arg1} = log type

**Detailed Description**

The hardware log in the system is no longer near its maximum capacity. The log type information is provided.

**Recommended Response Action**

No response action is required.

**Category**

System Health (LOG = Log event)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

5552

**OMSA Trap ID**

5552

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<td>✔️</td>
</tr>
</tbody>
</table>

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**Detailed Description**

The hardware log may not be up-to-date. The log type information is provided.

**Recommended Response Action**

Make sure that iDRAC is functioning correctly.

**Category**

System Health (LOG = Log event)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

5551

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<td>✔️</td>
</tr>
</tbody>
</table>
LOG323

Message
The log size is near maximum capacity. Log type: arg1.

Arguments
arg1 = log type

Detailed Description
The size of a hardware log in the system is near its maximum capacity. The log type information is provided.

Recommended Response Action
Clear the log to make sure new entries are recorded.

Category
System Health (LOG = Log event)

Severity
Severity 2 (Warning)

OMSA Event ID
5553

OMSA Trap ID
5553

LOG324

Message
The log size has reached its maximum capacity. Log type: arg1.

Arguments
arg1 = log type

Detailed Description
The size of a hardware log in the system has reached its maximum capacity. The log type information is provided.

Recommended Response Action
Clear the log to make sure new entries are recorded.

Category
System Health (LOG = Log event)

Severity
Severity 1 (Critical)
LOG325

Message
Unable to receive any log entries. Log type: arg1.

Arguments
arg1 = log type

Detailed Description
Unable to receive any log entries, and therefore log status cannot be monitored.
The log type information is provided.

Recommended Response
Make sure that iDRAC is functioning correctly.

Category
System Health (LOG = Log event)

Severity
Severity 1 (Critical)

OMSA Event ID
5555
**LOG327**

**Message**
An Alert Log backup was created.

**Detailed Description**
An Alert Log backup was created.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LOG = Log event)

**Severity**
Severity 3 (Informational)

**Filter Visibility**
- iDRAC: ✔
- CMC: ✔

**LOG328**

**Message**
The Server Based Management Mode is enabled.
### Detailed Description
The Server Based Management Mode is enabled. Chassis based PSUs, fans, and sensor information can be displayed from server based system management tools.

### Recommended Response
No response action is required.

### Category
Audit (LOG = Log event)

### Severity
Severity 3 (Informational)

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</table>

### LOG329

### Message
The Server Based Management Mode is disabled.

### Detailed Description
The Server Based Management Mode is disabled. Chassis based PSUs, fans, and sensor information will not be displayed from server based system management tools.

### Recommended Response
No response action is required.

### Category
Audit (LOG = Log event)

### Severity
Severity 3 (Informational)

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</table>

769
LOG501

Message: Unable to run the command because of a general issue.

Detailed Description: The command cannot be run because a general issue occurred.

Recommended Response: Retry the operation. If the issue persists, reset the CMC, and then retry the operation.

Category: Configuration (LOG = Log event)

Severity: Severity 1 (Critical)

No alerts are applicable for this message

LOG502

Message: Unable to run the command because the method parameter arg1 is missing.

Arguments: arg1 = parameter

Detailed Description: The command cannot be run because the method parameter identified in the message is missing.

Recommended Response: Enter all the parameters required in the command, and then retry the operation.
For more information, see the Chassis Record Log Profile.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

LOG503

Message: Unable to run the method because the parameter arg1 is not valid.

Arguments: arg1 = parameter

Detailed Description: The command cannot be run because the value of the parameter identified in the message is not valid.

Recommended Response: Enter all the parameters required in the command as per the enumeration, and then retry the operation. For more information, see the Chassis Record Log Profile.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Chassis Log Export was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Chassis Log was successfully exported to the destination specified.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to access the network share.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The network share access cannot be accessed.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Make sure that correct network share access credentials are entered (such as IP address, username, password, and share type). For more information, see the Chassis Record Log Profile.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to start the requested operation because the ExportChassisLog operation is already running.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested operation cannot be started because the ExportChassisLog operation is already running.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Wait for the current ExportChassisLog operation to complete and then retry the operation. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
LOG507

Message: Unable to allocated required CMC resources.
Detailed Description: The operation did not complete successfully because of lack of memory or file space in the CMC.
Recommended Response: Reset the CMC and retry the operation.
Category: Configuration (LOG = Log event)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

LOG508

Message: Unable to write to the network share.
Detailed Description: The network share may be read-only or it may not have sufficient space for the export operation.
Recommended Response: Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.
Category: Configuration (LOG = Log event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

LOG509

Message: Unable to run the command because the parameter value of arg1 exceeds the maximum allowed number of arg2 characters.
Arguments: arg1 = parameter name, arg2 = max parameter length
Detailed Description: The command cannot be run because the value of the parameter identified in the message exceeds the maximum length identified in the message.
Recommended Response: Enter a value for the parameter identified in the message that is equal to or less than the maximum allowed characters.
Category: Configuration (LOG = Log event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
**LOG510**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Unable to complete the operation because of an unknown issue in the CMC.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The operation cannot be completed because of an unknown issue.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Retry the operation. If the issue persists, reset CMC and then retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
MEM Event Messages

MEM0000

Message
Persistent correctable memory errors detected on a memory device at location(s) \textit{arg1}.

Arguments
\textit{arg1} = location

Detailed Description
The memory is operational. This is an early indicator of a possible future uncorrectable error.

Recommended Response
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

<table>
<thead>
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<td>CMC</td>
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</tbody>
</table>

MEM0001

Message
Multi-bit memory errors detected on a memory device at location(s) \textit{arg1}.

Arguments
\textit{arg1} = location

Detailed Description
The memory has encountered a uncorrectable error. System performance may be degraded. The operating system and/or applications may fail as a result.

Recommended Response
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Multi-bit memory error on \textlangle location\textrangle. Reseat memory
MEM0002

Message  Parity memory errors detected on a memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response  Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265

MEM0003

Message  Stuck bit memory error detected on a memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response Action
Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265

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</table>

| LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event
|--------|-----|--------|------------|------------|-------|----------------|
| iDRAC  | ✔   |        | ✔          |            |       | Proxy
| CMC    |     |        |            |           |       |                |

MEM0004

Message Memory device at location arg1 is disabled.
Arguments arg1 = location
Detailed Description The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.
Recommended Response Action Re-install the memory component. Review product documentation for supported memory configurations. If the problem continues, contact support.
Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265

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| LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event
|--------|-----|--------|------------|------------|-------|----------------|
| iDRAC  | ✔   |        | ✔          |            |       | Proxy
| CMC    |     |        |            |           |       |                |

776
MEM0005

Message Persistent correctable memory error limit reached for a memory device at location(s) arg1.

Arguments arg1 = location

Detailed Description The memory is operational. This is an early indicator of a possible future uncorrectable error.

Recommended Response Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (MEM = Memory)

Severity Severity 1 (Critical)

Trap/EventID 2265

LCD Message Persistent correctable memory error limit reached for <location>. Reseat memory.

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

| iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ |

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔ | ✔ |

CMC

MEM0006

Message Memory device at location arg1 is present.

Arguments arg1 = location

Detailed Description None

Recommended Response No response action is required.

Category System Health (MEM = Memory)

Severity Severity 3 (Informational)

Trap/EventID 2267
MEM0007

Message  Unsupported memory configuration; check memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.
Recommended Response Action  Review product documentation for supported memory configurations
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
LCD Message  Unsupported memory configuration. Check memory <location>.

MEM0008

Message  Memory device at location arg1 is spare memory.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action

No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔
CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event
Proxy

iDRAC
✔*
CMC

MEM0009

Message
Memory device at location arg1 is throttled.

Arguments
arg1 = location

Detailed Description
System performance is degraded.

Recommended Response Action
If unexpected, review system logs for power or thermal exceptions.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔
CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔*
CMC

779
MEM0010

Message  Memory device at location arg1 is overheating.
Arguments  arg1 = location
Detailed Description  System performance is degraded.
Recommended Response Action  If unexpected, review system logs for power or thermal exceptions.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
LCD Message  Memory device <location> is over heating. Check fans

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MEM0016

Message  Memory device at location(s) arg1 is operating correctly.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
MEM0020

Message: Memory device at location arg1 is enabled.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)

MEM0021

Message: Persistent correctable memory error limit reset for a memory device at location arg1.
Arguments: arg1 = location
Detailed Description: None
MEM0022

Message: Memory device at location arg1 is absent.

Arguments: arg1 = location

Detailed Description: The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

Recommended Response Action: If unexpected, check presence, then re-install.

Category: System Health (MEM = Memory)

Severity: Severity 2 (Warning)

Trap/EventID: 2266
MEM0024

Message: Memory device at location arg1 is no longer spare memory.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267

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MEM0600

Message: Memory device was added at location arg1.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)

iDRAC

CMC
# MEM0601

**Message**
Memory device is removed from location `arg1`.

**Arguments**
`arg1` = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

## MEM0700

**Message**
The persistent correctable memory error rate is at normal levels for a memory device at location `arg1`.

**Arguments**
`arg1` = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267
**MEM0701**

**Message**
Correctable memory error rate exceeded for arg1.

**Arguments**
arg1 = location

**Detailed Description**
The memory may not be operational. This an early indicator of a possible future uncorrectable error.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

---

**MEM0702**

**Message**
Correctable memory error rate exceeded for arg1.

**Arguments**
arg1 = location

**Detailed Description**
The memory may not be operational. This an early indicator of a possible future uncorrectable error.
Recommended Response Action

Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265
LCD Message Correctable memory error rate exceeded for <location>. Reseat memory.

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC

MEM1000

Message Memory device at location arg1 transition to a running state.
Arguments arg1 = location
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (MEM = Memory)
Severity Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

786
MEM1001

Message: Memory device at location arg1 failed to transition to a running state.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)

MEM1002

Message: Memory device at location arg1 is in test.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267
MEM1003

Message
Memory device at location arg1 failed to transition to in test.

Arguments
arg1 = location

Detailed Description
None

Recommended Response
Re-install the memory component. If the problem continues, contact support.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

MEM1004

Message
Memory device at location arg1 is powered off.

Arguments
arg1 = location

Detailed Description
None
Recommended Response Action
No response action is required.

Category System Health (MEM = Memory)
Severity Severity 3 (Informational)
Trap/EventID 2267

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔* ✔
CMC

MEM1005

Message Memory device at location arg1 failed to power off.
Arguments arg1 = location
Detailed Description None
Recommended Response Action Re-attempt memory removal process
Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔* ✔
CMC
MEM1006

**Message**
Memory device at location `arg1` is online.

**Arguments**
`arg1` = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

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MEM1007

**Message**
Memory device at location `arg1` failed to transition to online.

**Arguments**
`arg1` = location

**Detailed Description**
None

**Recommended Response Action**
Re-attempt memory removal process

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265
**MEM1008**

**Message**
Memory device at location arg1 is offline.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

---

**MEM1009**

**Message**
Memory device at location arg1 failed to transition to offline.

**Arguments**
arg1 = location

**Detailed Description**
None
**Recommended Response Action**
Re-attempt memory removal process

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

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**MEM1010**

**Message**
Memory device at location arg1 is off-duty.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

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792
MEM1011

Message
Memory device at location arg1 is on-duty.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

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MEM1012

Message
Memory device at location arg1 is in a degraded state.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
Re-install the memory component. If the problem continues, contact support.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266
**MEM1013**

**Message**
Memory device at location arg1 is in a full state.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

---

**MEM1014**

**Message**
Memory device at location arg1 is in a power save state.

**Arguments**
arg1 = location

**Detailed Description**
None
MEM1015

Message  Memory device at location arg1 is in a power active state.
Arguments arg1 = location
Detailed Description None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing
iDRAC  ✔  ✔  ✔  ✔  ✔
CMC

Filter Visibility  LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC  ✔*  ✔
CMC

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing
iDRAC  ✔  ✔  ✔  ✔  ✔
CMC

Filter Visibility  LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC  ✔*  ✔
CMC
**MEM1016**

**Message**
Memory device at location \textit{arg1} is not installed correctly.

**Arguments**
\textit{arg1} = location

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory \textless{location}\textgreater{} is not installed correctly. Re-install

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**MEM1017**

**Message**
Memory device at location \textit{arg1} is installed correctly.

**Arguments**
\textit{arg1} = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267
MEM1200

Message: Memory RAID is redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267

MEM1201

Message: Memory RAID redundancy is lost. Check memory device at location(s) arg1.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: Memory RAID lost on <location>. Power cycle system

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔ ✔ ✔
CMC

MEM1202
Message: Memory RAID redundancy is degraded. Check memory device at location(s) \textit{arg1}.
Arguments: \textit{arg1} = location
Detailed Description: None
Recommended Response: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
Trap/EventID: 2266

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔ ✔ ✔
CMC
MEM1203

Message: Memory is not redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing  
--- | --- | --- | --- | --- | ---  
IDRAC | ✔ | ✔ | ✔ | ✔ | ✔  
CMC | ✔ | ✔ | ✔ | ✔ | ✔  

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy  
--- | --- | --- | --- | --- | --- | --- | ---  
IDRAC | ✔ |  |  |  |  |  |  
CMC |  |  |  |  |  |  |  

MEM1204

Message: Memory mirror is redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing  
--- | --- | --- | --- | --- | ---  
IDRAC | ✔ | ✔ | ✔ | ✔ | ✔  
CMC | ✔ | ✔ | ✔ | ✔ | ✔  

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy  
--- | --- | --- | --- | --- | --- | --- | ---  
IDRAC | ✔ |  |  |  |  |  |  
CMC |  |  |  |  |  |  |  

799
MEM1205

Message  Memory mirror redundancy is lost. Check memory device at location(s) \texttt{arg1}.

Arguments  \texttt{arg1} = location

Detailed Description  The memory may not be seated correctly, misconfigured, or has failed.

Recommended Response  Review system logs for memory exceptions. Re-install memory at location \texttt{<location>}

Category  System Health (MEM = Memory)

Severity  Severity 1 (Critical)

Trap/EventID  2265

LCD Message  Memory mirror lost on \texttt{<location>}. Power cycle system

MEM1206

Message  Memory mirror redundancy is degraded. Check memory device at location \texttt{arg1}.

Arguments  \texttt{arg1} = location

Detailed Description  The memory may not be seated correctly, misconfigured, or has failed.

Recommended Response  Review system logs for memory exceptions. Re-install memory at location \texttt{<location>}

Category  System Health (MEM = Memory)

Severity  Severity 2 (Warning)
MEM1207

Message: Memory spare is redundant.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

MEM1208

Message: Memory spare redundancy is lost. Check memory device at location arg1.

Arguments: arg1 = location

Detailed Description: The assigned spare is no longer available.
Mem1209

Message: Memory spare redundancy is degraded. Check memory device at location arg1.

Arguments: arg1 = location

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

Trap/EventID: 2267

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LC Log

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OS Log

No response action is required.

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Power Cycle

No response action is required.

Filter Visibility

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Reset

No response action is required.

Filter Visibility

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Chassis Event Proxy

No response action is required.

Filter Visibility

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MEM1210

Message: Memory is redundant.
Detailed Description: None
Recommended Response: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)

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MEM1212

Message: Memory redundancy is lost.
Detailed Description: The memory may not be seated correctly, misconfigured, or has failed.
Recommended Response: Review system logs for memory exceptions. Re-install memory at location <location>
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265

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### MEM1214

**Message**
Memory redundancy is degraded.

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed.

**Recommended Response**
Review system logs for memory exceptions. Re-install memory at location <location>

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

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### MEM6000

**Message**
Memory device monitoring is disabled.

**Detailed Description**
The memory module may not be correctly seated, wrongly configured, or has failed.

**Recommended Response**
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5400
MEM6001

Message  Memory device status is unknown. Memory device location: arg1 , Possible memory module event cause: arg2.

Arguments  arg1 = location, arg2 = cause

Detailed Description  The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response  Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category  System Health (MEM = Memory)

Severity  Severity 2 (Warning)

OMSA Event ID  5401

MEM6002

Message  Memory device status is normal. Memory device location: arg1.

Arguments  arg1 = location

Detailed Description  The memory device identified in the message has returned to a normal state.
Response Action

No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

OMSA Event ID
5402

OMSA Trap ID
5402

Filter Visibility

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LC Log   LCD   OS Log   Power Off   Power Cycle   Reset   Chassis Event Proxy

iDRAC

CMC

MEM6003

Message
Memory device status is non-critical. Memory device location: arg1 , Possible memory module event cause: arg2 .

Arguments
arg1 = location, arg2 = cause

Detailed Description
The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

OMSA Event ID
5403

OMSA Trap ID
5403

Filter Visibility

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### MEM6004

**Message**
Memory device status is critical. Memory device location: **arg1**, Possible memory module event cause: **arg2**.

**Arguments**
- **arg1** = location, **arg2** = cause

**Detailed Description**
The memory module may not be correctly seated, wrongly configured, or has failed.

**Recommended Response**
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5404

**OMSA Trap ID**
5404

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### MEM6005

**Message**
Memory device has failed. Memory device location: **arg1**, Possible memory module event cause: **arg2**.

**Arguments**
- **arg1** = location, **arg2** = cause

**Detailed Description**
The memory module failed because of an irrecoverable error.

**Recommended Response**
Review the Embedded System Management (ESM) Log for memory exceptions. Remove the old memory module and install a new memory module at the identified location.

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807
**MEM7000**

**Message**  The memory riser mismatch was corrected.

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (MEM = Memory)

**Severity**  Severity 3 (Informational)

**OMSA Trap ID**  2267

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**MEM7002**

**Message**  A hardware mismatch detected for memory riser.
**Recommended Response Action**

Review product documentation for proper memory riser installation and configuration.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory riser mismatch detected. Check memory riser.

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**MEM8000**

**Message**
Correctable memory error logging disabled for a memory device at location arg1.

**Arguments**
arg1 = location

**Detailed Description**
Errors are being corrected but no longer logged.

**Recommended Response Action**
Review system logs for memory exceptions. Re-install memory at location <location>.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
SBE log disabled on <location>. Reseat memory.

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809
MEM8001

**Message**
Persistent correctable memory error logging enabled for a memory device at location `arg1`.

**Arguments**
`arg1` = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

---

MEM8500

**Message**
Low memory condition detected.

**Detailed Description**
A low memory condition was detected. If this condition continues, a failover or a reset may occur. If multiple resets occur, contact your service provider.

**Recommended Response Action**
If multiple resets occur, contact Service.

**Category**
Audit (MEM = Memory)

**Severity**
Severity 1 (Critical)
### MEM8501

**Message**
Low memory warning, arg1 KB, arg2 KB.

**Arguments**
arg1 = total memory size, arg2 = threshold value

**Detailed Description**
A low memory condition was detected. If this condition continues, a failover or a reset may occur.

**Recommended Response**
If multiple resets occur, contact your service provider.

**Category**
Audit (MEM = Memory)

**Severity**
Severity 2 (Warning)

---

### MEM8502

**Message**
ECC Memory error rate failover condition detected.

**Detailed Description**
An ECC memory condition was detected on the primary CMC and a failover was initiated.

**Recommended Response**
Reseat the primary CMC and initiate a failover back to the primary CMC. If the problem persists and multiple failovers occur, contact your service provider.

**Category**
Audit (MEM = Memory)
### MEM9000

**Message**
Memory interconnect degraded.

**Detailed Description**
An issue is detected in the propagation of signals between the processor and the memory.

**Recommended Response**
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory interconnect degraded. Reseat memory riser.

---

### MEM9001

**Message**
Memory interconnect is functioning normally.

**Detailed Description**
The memory interconnect is functioning normally.
**Recommended Response Action**

No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**LCD Message**
Memory interconnect normal.

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**Message**

Intel QPI interconnect arg1 has a correctable error.

**Arguments**

arg1 = QPI link number

**Detailed Description**
A correctable error was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message.

**Recommended Response Action**
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**LCD Message**
Intel QPI interconnect <number> has a correctable error.
MEM9003

Message
Intel SMI 2 Memory interconnect arg1 has a correctable error.

Arguments
arg1 = link number

Detailed Description
A correctable error was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your services provider.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

LCD Message
Intel SMI 2 Memory interconnect <number> has a correctable error.

MEM9004

Message
Intel QPI interconnect arg1 has degraded.

Arguments
arg1 = QPI link number

Detailed Description
A link degradation was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message. The system will continue to operate at reduced performance.

Recommended Response
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel QPI interconnect <number> has degraded. Reseat processor.
MEM9005

Message
Intel SMI 2 Memory interconnect arg1 has degraded.

Arguments
arg1 = link number

Detailed Description
A link degradation was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel SMI 2 interconnect <number> degraded. Reseat memory riser.

MEM9006

Message
Intel QPI interconnect arg1 has a non-recoverable issue.

Arguments
arg1 = QPI link number

Detailed Description
A non-recoverable link issue was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message.
Recommended Response Action
Do one of the following: 1) Restart the server and check whether the issue persists.
2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265
LCD Message Intel QPI interconnect <number> has fatal error. Reseat memory riser.

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MEM9007

Message Intel SMI 2 Memory interconnect arg1 has a non-recoverable issue.
Arguments arg1 = link number
Detailed Description A non-recoverable link issue was detected in the propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.
Recommended Response Action Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.
Category System Health (MEM = Memory)
Severity Severity 1 (Critical)
Trap/EventID 2265
LCD Message Intel SMI 2 interconnect <number> has fatal error. Reseat mem riser.

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MEM9008

Message: Intel DDR Memory interconnect `arg1` has a non-recoverable issue.

Arguments: `arg1` = link number

Detailed Description: A non-recoverable issue was detected in the propagation of signals on the Intel DDR memory interconnect identified in the message.

Recommended Response: Reseat all DIMMs on the memory riser, reseat the memory riser, and restart the server. If the issue persists, contact your service provider.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2265

LCD Message: Intel DDR interconnect `<number>` has fatal error. Reseat mem riser.

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MEM9009

Message: Intel DDR Memory interconnect `arg1` has a correctable error.

Arguments: `arg1` = link number

Detailed Description: A correctable error was detected in the propagation of signals on the Intel DDR memory interconnect identified in the message.

Recommended Response: Do the following: 1) Reseat all DIMMs on the memory riser, 2) Reseat the memory riser, and 3) Restart the server. If the issue persists, contact your service provider.

Category: System Health (MEM = Memory)

Severity: Severity 2 (Warning)
**Trap/EventID** 2266  
**LCD Message** Intel DDR interconnect <number> has a correctable error. Reseat mem riser.

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NIC Event Messages

NIC001

Message: The command was successful.
Detailed Description: The command was successful.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

NIC002

Message: Resource allocation failure
Detailed Description: Unable to allocate required memory to perform the operation
Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
Category: Configuration (NIC = NIC Config)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

NIC003

Message: Missing required parameter
Detailed Description: An invalid number of arguments was passed to the method.
Recommended Response Action: Enter all the required command parameters. Check documentation and try again.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
NIC004
Message: Invalid parameter value for arg1
Arguments: arg1 = attribute name
Detailed Description: The value for the specified parameter is invalid.
Recommended Response: Verify that parameter values passed to the method are entered as they appear in the enumeration and parameter data type matches the documentation.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

NIC005
Message: Mismatch in AttributeName and AttributeValue count
Detailed Description: The number of AttributeName and AttributeValue parameters do not match.
Recommended Response: Pass the same number of parameters for AttributeName and AttributeValue. Refer to documentation for method input parameter details.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

NIC006
Message: A configuration job already exists, Cannot set attribute on specified target until existing job is completed or is cancelled
Detailed Description: A configuration job already exists for the specified target. No further configuration operation is allowed until the existing job completes or the job is cancelled.
Recommended Response: Do one of the following: 1) Wait for the existing configuration job to complete and retry the operation, 2) To continue with a configuration change, cancel the existing job and retry the operation.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
NIC007

Message: A configuration job already exists, Cannot create another configuration job on specified target until existing job is completed or is cancelled.

Detailed Description: A configuration job already exists for the specified target. No further configuration operation is allowed until the existing job completes or the job is cancelled.

Recommended Response: Do one of the following: 1) Wait for the existing configuration job to complete and retry the operation, 2) To continue with a configuration change, cancel the existing job and retry the operation.

Category: Configuration (NIC = NIC Config)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

NIC008

Message: No pending data present to create a Configuration job.

Detailed Description: No changes are available between the previous configuration and the current configuration. To create a Configuration job, at least one attribute should be changed.

Recommended Response: Change the configuration of one or more attributes and then create a configuration job.

Category: Configuration (NIC = NIC Config)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

NIC009

Message: Lifecycle Controller is currently in use.

Detailed Description: Lifecycle Controller cannot gain access to internal storage because it is use by another application or operation.

Recommended Response: Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

Category: Configuration (NIC = NIC Config)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.
### NIC010

**Message**
Lifecycle Controller is not enabled, cannot create Configuration job.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (NIC = NIC Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### NIC011

**Message**
Configuration job already created, pending data cannot be deleted

**Detailed Description**
Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

**Recommended Response**
Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

**Category**
Configuration (NIC = NIC Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### NIC012

**Message**
No pending data to delete.

**Detailed Description**
No changes to BIOS attribute data are available between the previous configuration and the current configuration.

**Recommended Response**
No response action is required.

**Category**
Configuration (NIC = NIC Config)
Severity
Severity 3 (Informational)

No alerts are applicable for this message

NIC013

Message
Invalid AttributeName: arg1

Arguments
arg1 = attribute name

Detailed Description
An unknown AttributeName was entered for the operation.

Recommended Response
Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.

Category
Configuration (NIC = NIC Config)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

NIC014

Message
Invalid AttributeValue for AttributeName arg1

Arguments
arg1 = attribute name

Detailed Description
AttributeValue may be invalid because of the following causes: 1) Length of new AttributeValue is not within minLength and maxLength 2) Value of new AttributeValue is not within LowerBound and UpperBound 3) Value of new AttributeValue is not one of the possible values.

Recommended Response
Refer to the documentation on valid attribute values.

Category
Configuration (NIC = NIC Config)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

NIC015

Message
AttributeValue cannot be changed to read only AttributeName arg1.

Arguments
arg1 = attribute name

Detailed Description
A set attribute operation was attempted on a read only attribute.
<table>
<thead>
<tr>
<th>Recommended Response Action</th>
<th>No response action is required.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Configuration (NIC = NIC Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC016**

<table>
<thead>
<tr>
<th>Message</th>
<th>AttributeValue cannot be changed for disabled AttributeName <em>arg1</em>.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td><em>arg1</em> = attribute name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>A set attribute operation was attempted on a disabled attribute.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (NIC = NIC Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC017**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to delete vFlash pending one-time boot configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to delete vFlash pending one-time boot configuration.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Remove AC power from system and after restoring AC power, retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (NIC = NIC Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC018**

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid BIOS password.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The input BIOS password used in the operation is invalid.</td>
</tr>
<tr>
<td>NIC021</td>
<td><strong>Message</strong></td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (NIC = NIC Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NIC022</th>
<th><strong>Message</strong></th>
<th>Unable to set the BIOS password because of a jumper setting on the motherboard.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
<td>The current BIOS password jumper setting prevents the BIOS password from being changed.</td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response Action</strong></td>
<td>Change the jumper setting to enable setting the BIOS password.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (NIC = NIC Config)</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
<td></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NIC023</th>
<th><strong>Message</strong></th>
<th>Cannot perform the operation due to an unknown error in iDRAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
<td>The operation did not complete successfully because of an unknown error in iDRAC.</td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response Action</strong></td>
<td>Retry the action. If the issue persists, reset the iDRAC.</td>
</tr>
</tbody>
</table>
NIC024

Message
The set operation did not complete successfully as the attribute is read-only.

Detailed Description
The attribute specified in the operation is currently read only and the value cannot be modified.

Recommended Response
For more information on the attribute, see Lifecycle Controller-Remote Services documentation.

NIC100

Message
The NIC arg1 Port arg2 network link is down.

Arguments
arg1 = Controller, arg2 = Port

Detailed Description
The network link is down. Either the network cable is not connected or the network device is not working.

Recommended Response
Verify that the network port is enabled and if the port has Activity/Speed LEDs, that they are lit. Check the network cable, network cable connections, and the attached network switch.

826
NIC101

Message
The NIC arg1 Port arg2 network link is started.

Arguments
arg1 = controller ID, arg2 = port ID

Detailed Description
The transition from network link not started (down) to network link started (up) has been detected on the NIC controller port identified in the message.

Recommended Response
No response action is required.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

Trap/EventID
2091

NIC500

Message
The requested object is not allowed to be configured if DHCP \nis enabled.

Detailed Description
The values of IP Address is not allowed to change if DHCP is enabled.

Recommended Response
Disable DHCP and then modify the value.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

NIC501

Message
The requested object is not allowed to be configured if Auto Config \nis enabled.
<table>
<thead>
<tr>
<th>NIC502</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>DHCP is required to be enabled on the NIC before DHCP can be enabled for DNS server or domain name objects.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The value of the specified parameter cannot be changed.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Enable DHCP on the NIC before enabling it for DNS.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (NIC = NIC Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>NIC503</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The DNS server IP address is not allowed to be configured if DNS server DHCP (cfgDNSServersFromDHCP) is enabled.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The value of the specified parameter cannot be changed.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Disable the cfgDNSServersFromDHCP object.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (NIC = NIC Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>NIC504</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td></td>
</tr>
<tr>
<td>NIC505</td>
<td>Message</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>Detailed Description</td>
</tr>
<tr>
<td></td>
<td>Recommended Response</td>
</tr>
<tr>
<td></td>
<td>Action</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NIC506</th>
<th>Message</th>
<th>The requested object requires DNS registration to be enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>The requested operation requires the DNS registration to be enabled.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response</td>
<td>Enable the DNS registration.</td>
</tr>
<tr>
<td></td>
<td>Action</td>
<td>System Health (NIC = NIC Config)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NIC507</th>
<th>Message</th>
<th>Unable to determine current NIC state.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>For the requested operation, enable the NIC to get the NIC details.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check if the NIC is disabled. If disabled, enable the NIC.</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (NIC = NIC Config)</td>
<td></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
<td></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC508**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>NIC teaming info is not currently available.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (NIC = NIC Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC509**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>NIC is now ENABLED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (NIC = NIC Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**NIC510**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>NIC is now DISABLED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>
NIC511
Message  NIC is already ENABLED
Detailed Description  Success message.
Recommended Response  No response action is required.
Category  System Health (NIC = NIC Config)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

NIC512
Message  DHCP is already ENABLED
Detailed Description  Success message.
Recommended Response  No response action is required.
Category  System Health (NIC = NIC Config)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

NIC513
Message  DHCP6 is already ENABLED
Detailed Description  Success message.
Recommended Response  No response action is required.
Category  System Health (NIC = NIC Config)
Severity  Severity 3 (Informational)
NIC514

Message: DHCP is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

NIC515

Message: DHCP6 is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

NIC516

Message: Static IP configuration enabled and modified successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (NIC = NIC Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
# OSD Event Messages

## OSD062

**Message**
The process of installing an operating system or hypervisor is started and is in progress.

**Detailed Description**
The process of installing an operating system or hypervisor is started and is in progress.

**Recommended Response**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## OSD063

**Message**
The process of installing an operating system or hypervisor is successfully completed.

**Detailed Description**
The process of installing an operating system or hypervisor is successfully completed.

**Recommended Response**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### OSD064

**Message**
The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

**Detailed Description**
The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### OSD065

**Message**
Operating System/Hypervisor Installation did not complete successfully.

**Detailed Description**
The Operating System/Hypervisor installation did not complete successfully. The system may be unable to boot into the operating system/hypervisor because of the incomplete installation.

**Recommended Response Action**
Check the installation logs of operating system or hypervisor, resolve any issues identified, and then retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)
### OSD1

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### OSD10

**Message**
Installation not supported for the selected operating system.

**Detailed Description**
Installation for the selected operating system is not supported. Make sure that the correct operating system name was entered.

**Recommended Response Action**
Recheck the operating system name with the output of GetDriverPackInfo().

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### OSD11

**Message**
Driver Pack does not have drivers for the selected operating system.

**Detailed Description**
Lifecycle Controller does not have any drivers for the selected operating system. The operating system installation uses the native drivers present on the operating system media.
<table>
<thead>
<tr>
<th>Category</th>
<th>Severity</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Configuration (OSD = OS Deployment)</td>
<td></td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Severity 3 (Informational)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**OSD12**

**Message**
Cannot create the USB device needed to copy drivers for the selected operating system.

**Detailed Description**
iDRAC was unable to create and expose the drivers as a USB device for the OS installation to proceed.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message

**OSD13**

**Message**
Cannot mount the USB device needed to copy drivers for the selected operating system.

**Detailed Description**
iDRAC was unable to mount the drivers as a USB device for the OS installation to proceed.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message

**OSD14**

**Message**
Unable to expose the USB device that contains the operating system drivers to host system.

**Detailed Description**
iDRAC was unable to expose the drivers as a USB device for the OS installation to proceed.
Recommended Response Action

1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category

Configuration (OSD = OS Deployment)

Severity

Severity 1 (Critical)

*No alerts are applicable for this message*

**OSD15**

**Message**

Mount network share failed - incorrect username or password.

**Detailed Description**

Unable to mount the network share using the credentials specified in the command because either the username or password is incorrect.

**Recommended Response Action**

Rerun the command with the correct username and password.

**Category**

Configuration (OSD = OS Deployment)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

**OSD16**

**Message**

Mount network share failed - incorrect IP address or share name.

**Detailed Description**

Unable to mount the network share using the parameters specified in the command because either the IP address or share name is incorrect.

**Recommended Response Action**

Rerun the command with the correct IP address and share name.

**Category**

Configuration (OSD = OS Deployment)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

**OSD17**

**Message**

Exposing ISO image as internal device to the server failed.

**Detailed Description**

Unable to expose the ISO image as an internal CD device to the host system because the ISO file is no longer present, network errors are preventing access to the ISO file, or iDRAC may not be responsive.
<table>
<thead>
<tr>
<th>OSD18</th>
<th>OSP19</th>
<th>OSD2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to locate the ISO image on the network share point.</td>
<td>General failure.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Unable to find the ISO file specified in the network share. Make sure that the correct ISO file path was entered into the command and that all other user credentials are correct.</td>
<td>An unknown error occurred.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Rerun the command with the correct ISO file path.</td>
<td>Reset iDRAC and rerun the command.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (OSD = OS Deployment)</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Recommended Response:
1) Rerun the command. 2) Reset iDRAC and run the command.

Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

OSD20

Message: Unable to get size or label from Driver Pack for selected operating system.
Detailed Description: Unable to get the size or label for selected operating system from the Driver Pack present in Lifecycle Controller. The driver pack may be corrupt.
Recommended Response: Update the Driver Pack using USC or DUP and rerun the command.

Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD21

Message: Unable to boot to ISO image.
Detailed Description: Booting to ISO has failed. Either BIOS was unable to boot to the ISO image or the provider did not get a response in 5 minutes from BIOS on successful boot to ISO image.
Recommended Response: 1) Make sure that a POST error did not result in user interaction (Press F1 to continue or F2 to run BIOS setup). 2) Reset iDRAC and rerun the command.

Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD22

Message: Unable to detach ISO image from the host.
Detailed Description: Unable to detach ISO image from the host because either the image is already detached, or iDRAC may not be operating normally.
### OSD23

**Message**
Unable to continue with DetachISOImage - another command is in the process of exposing the ISO Image and booting to it.

**Detailed Description**
Cannot continue with DetachISOImage because another command is in the process of exposing the ISO image and booting to it.

**Recommended Response Action**
See the ConcreteJob status to make sure that the current running process is complete and then run DetachISOImage.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

### OSD24

**Message**
Unable to continue with DetachDrivers - UnPackAndAttach is in progress.

**Detailed Description**
Unable to continue with DetachDrivers - UnPackAndAttach is in progress.

**Recommended Response Action**
Wait until UnpackAndAttach finishes and then run DetachDrivers. This can take more than 5 minutes.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### OSD25

**Message**
Unable to detach USB device containing operating system drivers.

**Detailed Description**
Detaching the USB device (that contains drivers for the operating system installation) from the host has failed. The device may be detached, or iDRAC may not be operating normally.
<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to continue with BootToPXE - another command is running.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to continue with BootToPXE command because another process is using Lifecycle Controller.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>See ConcreteJob status to make sure that the running process is complete, and then run BootToPXE.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

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<table>
<thead>
<tr>
<th>Message</th>
<th>Copying drivers for selected operating system failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Copying drivers for selected operating system failed. The Driver Pack may be unusable.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Update the Driver Pack using USC or DUP and then rerun the command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

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<table>
<thead>
<tr>
<th>Message</th>
<th>Hash verification on the ISO image failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Hash verification on the ISO image has failed. The hash value specified in the command is either incorrect or the ISO image has been changed.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>1) Verify that the hash value specified in the command is correct. 2) Make sure that the ISO has not been changed 3) Replace the ISO image on the share and rerun the command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**OSD29**

**Message**
Driver Pack configuration file not found in Lifecycle Controller. The Driver Pack might be corrupt.

**Detailed Description**
Driver Pack configuration file not found in Lifecycle Controller. Driver Pack may be unusable.

**Recommended Response**
Update the Driver Pack using USC or DUP and then rerun the command.

**Action**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**OSD3**

**Message**
Lifecycle Controller is being used by another process.

**Detailed Description**
Lifecycle Controller is currently locked by another process. Make sure that the process completes before attempting to run another command.

**Recommended Response**
1) After two minutes, rerun the command. 2) Make sure that USC or DUP is not currently running on the server. 3) Reset iDRAC and rerun the command.

**Action**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
</thead>
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<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**OSD30**

**Message**
Invalid value for ExposeDuration - must be 60 - 65535 seconds

**Detailed Description**
The value specified for ExposeDuration is out of range. It must be between 60 and 65535 seconds

**Recommended Response**
Rerun the command with a ExposeDuration value between 60 and 65535 seconds.

**Action**

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (OSD = OS Deployment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>
OSD31

Message: Copying operating system drivers to network share failed

Detailed Description: Copying drivers for the selected operating system to network share failed. The share may be read-only or the Driver Pack present in Lifecycle Controller may be unusable.

Recommended Response Action: 1) Make sure that the network share has write permission. 2) Update the Driver Pack using USC or DUP and then rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD32

Message: Unable to detach ISO image from the system.

Detailed Description: Cannot continue with DetachISOImage because the system does not have an attached ISO image.

Recommended Response Action: The call to DetachISOImage is unnecessary since the ISO image is not currently attached.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

OSD33

Message: Installed BIOS version does not support this method.

Detailed Description: The system has an older version of BIOS that does not support this method. Install the latest version of BIOS to use this method.

Recommended Response Action: Update the BIOS to version 1.2 or later and then rerun the command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
**OSD34**

**Message**
Unable to continue with BootToPXE - ISO image is attached to the system.

**Detailed Description**
Unable to continue with BootToPXE command because the system has an ISO image attached. Detach the ISO image before continuing with BootToPXE.

**Recommended Response**
Run the DetachISOImage command and then run BootToPXE.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**OSD35**

**Message**
Lifecycle Controller is not enabled.

**Detailed Description**
Lifecycle Controller is disabled on the system, so none of the remote operating system deployment commands will work. Make sure Lifecycle Controller is enabled before running any command.

**Recommended Response**
Reboot the system and enable System Services by pressing CTRL+E option when prompted to do so in the POST. This launches the iDRAC configuration utility where Lifecycle Controller can be enabled.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**OSD36**

**Message**
Boot to ISO Image has been cancelled by using CTRL+E option on the server.

**Detailed Description**
User has cancelled system services by using the CTRL+E option (iDRAC configuration utility) during POST. This action cancels the WSMAN request to boot to ISO.

**Recommended Response**
To resolve the issue rerun the command. Do not cancel system services using CTRL+E during POST when system is rebooting to the ISO.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
OSD37

Message: ISO image size too large.
Detailed Description: ISO Image size is bigger than the available size in VFlash.
Recommended Response: 1) Use a smaller size ISO Image. 2) Format the VFlash using the iDRAC GUI, RACADM, or iDRAC configuration utility and then retry this command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD38

Message: Copying the ISO image from the network failed.
Detailed Description: There was an error while copying the ISO from the network share.
Recommended Response: 1) Make sure the network connection is functional. 2) Make sure the Dell VFlash doesnt have hardware issues by accessing it through the iDRAC GUI.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD39

Message: Unable to find the VFlash.
Detailed Description: Unable to get VFlash information from internal instrumentation.
Recommended Response: 1) Make sure the Dell VFlash is seated correctly. 2) Make sure a Dell licensed VFlash card is inserted 3) Make sure the Dell VFlash doesnt have any hardware issues by accessing it through the iDRAC GUI.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
OSD4

Message Cannot access Lifecycle Controller Driver Pack partition.
Detailed Description Driver Pack partition in Lifecycle Controller is not accessible. The Lifecycle Controller or the iDRAC might be unresponsive.
Recommended Response Action Reset the iDRAC and rerun the command. If the command fails again, check if the iDRAC is functional and accessible on the system.
Category Configuration (OSD = OS Deployment)
Severity Severity 1 (Critical)
No alerts are applicable for this message

OSD40

Message VFlash is not Dell licensed.
Detailed Description This is not a Dell-licensed VFlash.
Recommended Response Action Insert a Dell VFlash and then retry this command.
Category Configuration (OSD = OS Deployment)
Severity Severity 3 (Informational)
No alerts are applicable for this message

OSD41

Message ISO Image not found on VFlash.
Detailed Description VFlash does not contain the ISO Image because either the image was deleted, or it was never copied.
Recommended Response Action Download the ISO Image to the VFlash again using the DownloadISOToVFlash method.
Category Configuration (OSD = OS Deployment)
Severity Severity 2 (Warning)
No alerts are applicable for this message
OSD42
Message: Downloading ISO File to VFlash failed.
Detailed Description: There was an error while copying the ISO image from the network share to the VFlash.
Recommended Response Action: 1) Make sure the network connection is working. 2) Make sure the Dell VFlash doesn't have any hardware issues by accessing it through the iDRAC GUI.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

OSD43
Message: VFlash unavailable.
Detailed Description: VFlash is not present on the server.
Recommended Response Action: Insert a Dell-licensed VFlash and then retry this command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

OSD44
Message: Unable to detach ISO image on VFlash.
Detailed Description: The ISO on VFlash is not currently attached, so the DetachISOFromVFlash command could not be executed.
Recommended Response Action: Since the ISO image is not attached, the detachISOFromVFlash command does not have to be run.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
OSD45

Message Cannot delete ISO image from VFlash.
Detailed Description The ISO Image present in VFlash is attached to the host system. The ISO Image cannot be deleted from VFlash.
Recommended Response Action Execute DetachISOFromVFlash() before running DeleteISOFromVFlash()
Category Configuration (OSD = OS Deployment)
Severity Severity 2 (Warning)

No alerts are applicable for this message

OSD46

Message VFlash in use.
Detailed Description Another process (iDRAC GUI /racadm/iDRAC configuration utility) is currently accessing VFlash.
Recommended Response Action Wait until the access to VFlash is relinquished and then retry this command.
Category Configuration (OSD = OS Deployment)
Severity Severity 3 (Informational)

No alerts are applicable for this message

OSD47

Message Inaccessible network share.
Detailed Description Unable to access the network share using the credentials specified or the firewall might be enabled and is preventing access to the share.
Recommended Response Action Make sure that the firewall is disabled, and that the credentials (username, password) are correct.
Category Configuration (OSD = OS Deployment)
Severity Severity 2 (Warning)

No alerts are applicable for this message
**OSD48**

**Message**  
ISO Images of more than 4GB not supported.

**Detailed Description**  
ISO Images of more than 4GB are not supported and cannot be copied to VFlash.

**Recommended Response**  
Use an ISO that is smaller than 4GB.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

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**OSD49**

**Message**  
Disable RIPS mode to access VFlash.

**Detailed Description**  
VFlash cannot be accessed because RIPS mode is enabled.

**Recommended Response**  
Disable the RIPS mode from BIOS or from the iDRAC GUI, and then continue executing the method.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**OSD5**

**Message**  
Lifecycle Controller Driver Pack not found.

**Detailed Description**  
A Driver Pack was not found on the Lifecycle Controller.

**Recommended Response**  
Update the Driver Pack using USC or DUP and then run the command again.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
**OSD50**

**Message**
Lifecycle Controller is in field service mode.

**Detailed Description**
Lifecycle Controller is in field service mode and needs to be updated before proceeding further.

**Recommended Response Action**
Install the Lifecycle Controller field services package using the iDRAC GUI.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**OSD51**

**Message**
Reboot the system to run pending System Services Tasks.

**Detailed Description**
There are pending System Services tasks on the host system that are preventing the execution of this method.

**Recommended Response Action**
Reboot the host system. The system will automatically enter System Services and complete the pending tasks.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**OSD52**

**Message**
vFlash is disabled.

**Detailed Description**
vFlash is disabled.

**Recommended Response Action**
Enable the vFlash from the iDRAC GUI or RACADM, and then proceed.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
**OSD53**

**Message**: vFlash is write protected.

**Detailed Description**: vFlash is write protected.

**Recommended Response Action**: Remove the write protect from the SD card and then proceed

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**OSD54**

**Message**: vFlash already has 16 partitions

**Detailed Description**: vFlash allows only 16 partitions to be created.

**Recommended Response Action**: Make sure that there are less than 16 partitions before creating another partition on vFlash.

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**OSD55**

**Message**: ISO Image is attached to host

**Detailed Description**: Cannot attach the ISO image since it is already attached to the host.

**Recommended Response Action**: ISO Image is already attached to the host server. Detach the ISO and then rerun the command

**Category**: Configuration (OSD = OS Deployment)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
OSD56

Message  An ISO is already connected using Remote File Share (RFS).
Detailed Description  An ISO is already connected using Remote File Share (RFS). The connection might have been initiated from iDRAC GUI, racadm, or Remote Services API.
Recommended Response  Disconnect the Remote File Share (RFS) using iDRAC GUI, racadm, or Remote Services API and then retry the operation to connect the ISO again.
Category  Configuration (OSD = OS Deployment)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

OSD57

Message  Remote File Share (RFS) is in Auto-Attach mode.
Detailed Description  Remote File Share (RFS) is currently configured to be in auto-attach mode. For Web services to attach an ISO, RFS should be changed to attach mode.
Recommended Response  Change the Remote File Share (RFS) mode to Attach using iDRAC GUI or Remote Services API and retry.
Category  Configuration (OSD = OS Deployment)
Severity  Severity 2 (Warning)

No alerts are applicable for this message

OSD58

Message  Unable to connect an ISO using Remote File Share (RFS).
Detailed Description  The connect ISO operation using Remote File Share (RFS) did not complete successfully.
Recommended Response  Verify all the parameters are correct. If the problem persists, then reset iDRAC and retry the operation.
Category  Configuration (OSD = OS Deployment)
Severity  Severity 2 (Warning)

No alerts are applicable for this message
OSD59
Detailed Description: Disconnecting ISO using Remote File Share (RFS) operation did not complete successfully.
Recommended Response Action: Reset iDRAC and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

OSD6
Message: Cannot allocate memory.
Detailed Description: Unable to dynamically allocate memory to perform the task.
Recommended Response Action: Reset iDRAC and run the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

OSD60
Message: Unable to connect to ISO using Remote File Share (RFS).
Detailed Description: Connecting ISO using Remote File Share (RFS) was unsuccessful.
Recommended Response Action: Verify ISO is connected using Remote File Share (RFS) and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
OSD61

Message: IP Address format is invalid.
Detailed Description: The IP Address format is invalid and cannot be validated. The specified IP address may not be a valid IPv4 or IPv6 address.
Recommended Response Action: Verify the IP address format and retry the operation.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

OSD7

Message: Unable to retrieve Lifecycle Controller handle.
Detailed Description: Unable to connect to Lifecycle Controller because of an existing open connection or an internal error.
Recommended Response Action: Reset iDRAC, and rerun the command to correct the problem.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

OSD8

Message: Setting Boot to PXE through IPMI failed.
Detailed Description: The BIOS boot order set to PXE using a standard IPMI command has failed.
Recommended Response Action: 1) Check BIOS PXE settings. 2) Rerun the command. 3) Reset iDRAC and rerun the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)

No alerts are applicable for this message
| **OSD9** |
|---------------|---------------------------------------------------------------------|
| **Message**   | Failed to reboot the system using an IPMI command.                  |
| **Detailed Description** | Resetting the targeted server using the standard IPMI command has failed. |
| **Recommended Response** | 1) Rerun the command. 2) Reset iDRAC and rerun the command.          |
| **Category**  | Configuration (OSD = OS Deployment)                                 |
| **Severity**  | Severity 1 (Critical)                                               |

*No alerts are applicable for this message*
OSE Event Messages

OSE0000

Message
A critical stop occurred during OS load.

Detailed Description
The system halted due to an exception during operating system load or operating system initialization.

Recommended Response
Review operating system logs and system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Trap/EventID
2409

Filter Visibility

<table>
<thead>
<tr>
<th>iDRAC</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
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<tbody>
<tr>
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CMC

Filter Visibility

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<tr>
<th>iDRAC</th>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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</tr>
</tbody>
</table>

CMC

OSE0001

Message
A runtime critical stop occurred.

Detailed Description
The system halted due to an exception while the operating system was running. This is a kernel panic or bug check event.

Recommended Response
Review operating system logs and system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Trap/EventID
2409

Filter Visibility

<table>
<thead>
<tr>
<th>iDRAC</th>
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<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

CMC
OSE0002

Message
An OS graceful stop occurred.

Detailed Description
(IPMI sensor type 20h - offset 02h).

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

Trap/EventID
2411

OSE0003

Message
An OS graceful shut-down occurred.

Detailed Description
(IPMI sensor type 20h - offset 03h).

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

Trap/EventID
2411
**OSE0004**

**Message**
A soft shut-down initiated by platform event filter.

**Detailed Description**
A separate exception or status condition shutdown the operating system. (IPMI sensor type 20h - offset 04h).

**Recommended Response Action**
Review system event log for platform events capable of shutting the system down.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

---

**OSE0005**

**Message**
Agent is not responding.

**Detailed Description**
Graceful shutdown request to an agent via the BMC did not occur due to a system hardware or software exception.

**Recommended Response Action**
review operating system logs and system video for additional information

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)
A: boot completed.

The system OS has successfully booted from A:

No response action is required.

System Health (OSE = OS Event)

Severity 3 (Informational)

Failed to boot from A.

None

review system boot configuration and boot media. Verify the media in a: is bootable. See system video for additional information.

System Health (OSE = OS Event)

Severity 1 (Critical)
OSE1002

Message
C: boot completed.

Detailed Description
The system OS has successfully booted from C:

Recommended Response
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

OSE1003

Message
Failed to boot from C.

Detailed Description
None

Recommended Response
Review system boot configuration and boot media. Verify the media in C: is bootable. See system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)
OSE1004

Message: PXE boot completed.
Detailed Description: The system OS has successfully booted from the PXE server.
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)

OSE1005

Message: PXE boot failed.
Detailed Description: None
Recommended Response Action: Review system boot configuration, local PXE configuration, and PXE server configuration
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
OSE1006

Message
Diagnostic boot completed.

Detailed Description
The system has successfully booted to diagnostics.

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

OSE1007

Message
Diagnostic boot failed.

Detailed Description
None

Recommended Response Action
Review system boot configuration and boot media. See system video for additional information

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)
OSE1008

Message: CD-ROM boot completed.
Detailed Description: The system OS has successfully booted from the CD-ROM.
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)

OSE1009

Message: Failed to boot from CD-ROM.
Detailed Description: None
Recommended Response Action: Review system boot configuration and boot media. Verify the media in the CDROM is bootable. See system video for additional information.
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
OSE1010

Message: ROM boot completed.
Detailed Description: The system has successfully booted to ROM.
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)

OSE1011

Message: Failed to boot from ROM.
Detailed Description: None
Recommended Response Action: Check system event logs for additional exception information. Power down the system and attempt to boot again.
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
OSE1012

Message: Boot completed.
Detailed Description: The system has successfully booted.
Recommended Response: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)

OSE1013

Message: Failed to boot.
Detailed Description: None
Recommended Response: Review system boot configuration and boot media. See system video for additional information
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
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PCI Event Messages

PCI1300

Message
A front panel diagnostic interrupt was detected.

Detailed Description
The front panel diagnostic was pressed, and the system may be halted as a result.
The interrupt was user induced.

Recommended Response
Reset the system to continue operation.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

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PCI1302

Message
A bus time-out was detected on a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417
### PCI1304

**Message**: An I/O channel check error was detected.

**Detailed Description**: None

**Recommended Response**: Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**: System Health (PCI = PCI Device)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2417

**LCD Message**: I/O channel check error detected. Power cycle system.

### PCI1306

**Message**: A software error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**: $arg1 = \text{bus, } arg2 = \text{device, } arg3 = \text{func}$

**Detailed Description**: None
### PCI1308

**Message**
A PCI parity error was detected on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**
- `arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

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</table>

**CMC**

869
### PCI1310

**Message**
A PCI system error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
- **arg1** = bus, **arg2** = device, **arg3** = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI system error on bus <bus> device <device> function <func>. Power cycle system.

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### PCI1312

**Message**
An EISA fail-safe time-out was detected.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (PCI = PCI Device)
**Message**
A bus correctable error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable re-install the device at the next scheduled service time.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417
Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

PCI1318

Message
A fatal error was detected on a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

 Trap/EventID
2417

LCD Message
Fatal error on bus <bus> device <device> function <func>. Power cycle system.
PCI1319

Message
A high-severity issue is detected in the SSD bay \textit{arg1}, Slot \textit{arg2}.

Arguments
\textit{arg1} = bay id, \textit{arg2} = slot id

Detailed Description
A high-severity issue was detected in the SSD bay identified in the message.

Recommended Response
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

---

PCI1320

Message
A bus fatal error was detected on a component at bus \textit{arg1} device \textit{arg2} function \textit{arg3}.

Arguments
\textit{arg1} = bus, \textit{arg2} = device, \textit{arg3} = func

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)
**Trap/EventID** 2417

**LCD Message** Bus fatal error on bus <bus> device <device> function <func>. Power cycle system.

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**PCI1321**

**Message** A high-severity issue is detected in a component of the bus arg1, device 0, function arg2.

**Arguments**

arg1 = bus ID, arg2 = function ID

**Detailed Description** A high-severity issue is detected in the component identified in the message.

**Recommended Response** Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

**Category** System Health (PCI = PCI Device)

**Severity** Severity 1 (Critical)

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**PCI1322**

**Message** Bus performance degraded for a component at bus arg1 device arg2 function arg3.
Arguments

\[ \text{arg1} = \text{bus}, \text{arg2} = \text{device}, \text{arg3} = \text{func} \]

Detailed Description

System performance may be degraded. The bus is not operating at maximum speed or width.

Recommended Response

Cycle input power, update component drivers, if device is removable, re-install the device.

Category

System Health (PCI = PCI Device)

Severity

Severity 2 (Warning)

Trap/EventID

2418

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PCI1342

Message

A bus time-out was detected on a component at slot \text{arg1}.

Arguments

\[ \text{arg1} = \text{number} \]

Detailed Description

System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response

Cycle input power, update component drivers, if device is removable, re-install the device.

Category

System Health (PCI = PCI Device)

Severity

Severity 1 (Critical)

Trap/EventID

2417

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</table>
PCI1344

Message  An I/O channel check error was detected.

Detailed Description  None

Recommended Response Action  Cycle input power, update component drivers, if device is removable, re-install the device.

Category  System Health (PCI = PCI Device)

Severity  Severity 1 (Critical)

Trap/EventID  2417

LCD Message  An I/O channel check error detected. Power cycle system.

PCI1346

Message  A software error was detected on a component at slot arg1.

Arguments  arg1 = number

Detailed Description  None

Recommended Response Action  Reboot the system and update the component drivers.

Category  System Health (PCI = PCI Device)

Severity  Severity 1 (Critical)

Trap/EventID  2417
PCI1348

Message
A PCI parity error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
PCI parity error on slot <number>. Reseat PCI card

PCI1350

Message
A PCI system error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.
**Recommended Response**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI system error on slot <number>. Reseat PCI card.

---

**Message**
A bus correctable error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417
PCI1356

**Message**
A bus uncorrectable error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

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PCI1358

**Message**
A fatal error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
Fatal error on slot <number>. Reseat PCI card
### PCI1360

**Message**  
A bus fatal error was detected on a component at slot arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded, or system may fail to operate.

**Recommended Response**  
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

**LCD Message**  
Bus fatal error on slot <number>. Reseat PCI card

---

### PCI1362

**Message**  
Bus performance degraded for a component at slot arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded. The bus is not operating at maximum speed or width.
**Recommended Response Action**
Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2418

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**PCI2000**

**Message**
A fatal IO error detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, remove and re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
Fatal IO error on bus <bus> device <device> function <func>. Contact support

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881
PCI2001

Message The component at bus arg1 device arg2 function arg3 recovered from a fatal IO error.
Arguments $arg1 = \text{bus}, \ arg2 = \text{device}, \ arg3 = \text{func}$
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (PCI = PCI Device)
Severity Severity 3 (Informational)
Trap/EventID 2419

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PCI2002

Message A fatal IO error detected on a component at slot arg1.
Arguments $arg1 = \text{number}$
Detailed Description System performance may be degraded, or system may fail to operate.
Recommended Response Action Cycle input power, update component drivers, remove and re-install the device.
Category System Health (PCI = PCI Device)
Severity Severity 1 (Critical)
Trap/EventID 2417
LCD Message Fatal IO error on slot <number>. Contact support
PCI2003

**Message**  The component at slot arg1 recovered from a fatal IO error.

**Arguments**  arg1 = number

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (PCI = PCI Device)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  2419

---

PCI3000

**Message**  Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress.

**Detailed Description**  Either the BIOS, BMC/iDRAC, or LOM firmware is out of date and does not support FlexAddress.
Recommended Response Action
Update BIOS, BMC/iDRAC, and LOM firmware. If problem persists please contact customer support.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

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PCI3001

Message
Device option ROM on embedded NIC was successfully updated.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PCI = PCI Device)

Severity
Severity 3 (Informational)

Trap/EventID
2419

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**PCI3002**

**Message**  
Failed to program virtual MAC address on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**  
`arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**  
Either the BIOS, BMC/iDRAC, LOM, or NIC firmware is out of date and does not support FlexAddress.

**Recommended Response Action**  
Update BIOS, BMC/iDRAC, LOM, and mezzanine card firmware. If problem persists please contact customer support.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

---

**PCI3003**

**Message**  
Virtual MAC address for component at bus `arg1` device `arg2` function `arg3` was successfully programed.

**Arguments**  
`arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2419
PCI3004

**Message**  Device option ROM on mezzanine card arg1 failed to support Link Tuning or FlexAddress.

**Arguments**  
- **arg1** = number

**Detailed Description**  Either the BIOS, BMC/iDRAC, or mezzanine card firmware is out of date and does not support FlexAddress.

**Recommended Response**  Update BIOS, BMC/iDRAC, and mezzanine card firmware. If problem persists please contact customer support.

**Category**  System Health (PCI = PCI Device)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2417

---

PCI3005

**Message**  Device option ROM on mezzanine card arg1 was successfully updated.

**Arguments**  
- **arg1** = number

**Detailed Description**  None
**Recommended Response Action**

No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

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**PCI3006**

**Message**
Failed to get Link Tuning or FlexAddress data from iDRAC.

**Detailed Description**
Either the BIOS or BMC/iDRAC firmware is out of date and does not support FlexAddress.

**Recommended Response Action**
Update BIOS, and BMC/iDRAC firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

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**PCI3007**

**Message**
Link Tuning or FlexAddress data successfully obtained.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

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**PCI3008**

**Message**
A non-fatal PCIe error detected on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**
`arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Cycle input power, update component drivers, remove and re-install the device at the next service window.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2418

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PCI3009

Message: PCIe is operating normally on a component at bus arg1 device arg2 function arg3.

Arguments: arg1 = bus, arg2 = device, arg3 = func

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 2419

PCI3010

Message: A non-fatal IO error detected on a component at bus arg1 device arg2 function arg3.

Arguments: arg1 = bus, arg2 = device, arg3 = func

Detailed Description: System performance may be degraded.

Recommended Response Action: Cycle input power, update component drivers, remove and re-install the device at the next service window.

Category: System Health (PCI = PCI Device)

Severity: Severity 2 (Warning)
### PCI3011

**Message**
The component at bus `arg1` device `arg2` function `arg3` recovered from a non-fatal IO error.

**Arguments**
- `arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

---

### PCI3012

**Message**
The QuickPath Interconnect (QPI) width degraded.

**Detailed Description**
System performance may be degraded. The bus is not operating at maximum speed or width.
**Recommended Response Action**
Reset the system, if the problem persists reinstall processors.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2418

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**PCI3013**

**Message**
The QuickPath Interconnect (QPI) width regained.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

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**PCI3014**

*Message*  
A non-fatal PCIe error detected on a component at slot *arg1*.

*Arguments*  
[arg1] = number

*Detailed Description*  
System performance may be degraded.

*Recommended Response*  
Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

*Category*  
System Health (PCI = PCI Device)

*Severity*  
Severity 2 (Warning)

*Trap/EventID*  
2418

Filter  
Visibility  
IPMI Alert  
SNMP Alert  
Email Alert  
Remote System Log  
WS Eventing

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iDRAC  
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✔  
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✔

CMC  

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LC Log  
LCD  
OS Log  
Power Off  
Power Cycle  
Reset  
Chassis Event Proxy

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iDRAC  
✔*  
✔  

CMC

**PCI3015**

*Message*  
The component at slot *arg1* recovered from a non-fatal PCIe error.

*Arguments*  
[arg1] = number

*Detailed Description*  
None

*Recommended Response*  
No response action is required.

*Category*  
System Health (PCI = PCI Device)

*Severity*  
Severity 3 (Informational)

*Trap/EventID*  
2419
**PCI3016**

**Message**
Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress.

**Detailed Description**
Either the BIOS, BMC/iDRAC, or mezzanine card firmware is out of date and does not support FlexAddress.

**Recommended Response**
Update BIOS, BMC/iDRAC, and mezzanine card firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

---

**PCI3017**

**Message**
Device option ROM on mezzanine card was successfully updated.

**Detailed Description**
None

**Recommended Response**
No response action is required.
**Category**: System Health (PCI = PCI Device)  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: 2419

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### PCI3018

**Message**: New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards.

**Detailed Description**: New PCI card(s) have been detected in the system that may require additional airflow. Fan speeds may have changed to add additional cooling to the cards.

**Recommended Response**: Changing default fan response to PCIe cards should be done with appropriate understanding of the PCIe cooling needs of the cards present in the system. If the automatic cooling response is insufficient, additional cooling can be added by one of the following methods. 1) From iDRAC Web GUI, click Hardware -> Fans -> Setup, then from the fan speed offset drop-down list appropriately select the cooling level needed or set the minimum fan speed to a custom value. 2) From F2 System Setup, select iDRAC Settings -> Thermal, and set a higher fan speed from the fan speed offset or minimum fan speed. 3) For RACADM commands run “racadm help system.thermalsettings”. If a lower fan speed is required, contact your service provider for the appropriate IPMI commands to reduce the default fan speed response for new PCIe cards.

**Category**: System Health (PCI = PCI Device)  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: 2419

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PCI3019

Message
A low-severity issue is detected in the SSD bay \textit{arg1}, Slot \textit{arg2}.

Arguments
\textit{arg1} = bay id, \textit{arg2} = slot id

Detailed Description
A low-severity issue was detected in the SSD bay identified in the message.

Recommended Response
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)

Trap/EventID
2419

PCI3020

Message
A low-severity issue is detected in a component of the bus \textit{arg1}, device 0, function \textit{arg2}.

Arguments
\textit{arg1} = bus ID, \textit{arg2} = function ID

Detailed Description
A low-severity issue is detected in the component identified in the message.

Recommended Response
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.
**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 2 (Warning)

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**PCI5001**

**Message**  
A PCIe card carrier containing a PCIe card is inserted in PCIe slot `arg1`.

**Arguments**  
`arg1` = slot number

**Detailed Description**  
A PCIe card carrier containing a PCIe card is present in the slot identified in the message. This PCIe card will be enabled when the associated server is turned on or power cycled.

**Recommended Response**  
Turn on or power cycle the associated server to enable the PCIe card.

**Category**  
Configuration (PCI = PCI Device)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
10611

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**PCI5002**

**Message**  
A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot `arg1`.

896
Arguments  
\( \text{arg1} = \) slot number

Detailed Description
A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PCI = PCI Device)

Severity
Severity 3 (Informational)

PCI5003

Message
A PCIe card carrier is removed from the PCIe slot \( \text{arg1} \).

Arguments
\( \text{arg1} = \) slot number

Detailed Description
A PCIe card carrier is removed from the PCIe slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PCI = PCI Device)

Severity
Severity 3 (Informational)

iDRAC ✔ ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔ ✔ ✔

LC Log LC LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔

PCI5003

Message
A PCIe card carrier is removed from the PCIe slot \( \text{arg1} \).

Arguments
\( \text{arg1} = \) slot number

Detailed Description
A PCIe card carrier is removed from the PCIe slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PCI = PCI Device)

Severity
Severity 3 (Informational)

iDRAC ✔ ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔ ✔ ✔

LC Log LC LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔

897
PCI5004

Message
A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot \texttt{arg1}.

Arguments
\texttt{arg1} = slot number

Detailed Description
The Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

Recommended Response
Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The power requirement of adapter is not more than the power allocated to the slot. 4) The adapter is properly inserted in the slot.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

PCI5005

Message
An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot \texttt{arg1}.

Arguments
\texttt{arg1} = slot number

Detailed Description
Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

Recommended Response
Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The adapter is properly inserted in the slot.

Category
System Health (PCI = PCI Device)
**PCI5006**

**Message**: The power-related issue of the PCIe adapter in slot arg1 is resolved.

**Arguments**

arg1 = slot number

**Detailed Description**: The power related issue of the PCIe device in the slot identified in the message is resolved.

**Recommended Response**

No response action is required.

**Category**: System Health (PCI = PCI Device)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2419

---

**PCI5007**

**Message**: The auxiliary power-related issue of the PCIe adapter in slot arg1 is resolved.

**Arguments**

arg1 = slot number
Detailed Description
The 3.3 Volt Regulator power related issue of PCIe carrier present in the slot identified in the message is resolved.

Recommended Response Action
No response action is required.

Category
System Health (PCI = PCI Device)

Severity
Severity 3 (Informational)

PCI5008

Message
The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board.

Detailed Description
The Chassis Management Controller (CMC) could not successfully connect to the PCIe switch board.

Recommended Response Action
Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, waiting for 30 seconds, and then reconnecting AC power. 2) Power on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power->Control and then click the Operation field and select the Power On Server operation. If the issue persists, contact your service provider.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

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900
The PCIe adapter in the PCIe slot \texttt{arg1} was removed from the slot while the server \texttt{arg2} was turned-on.

**Arguments**  \texttt{arg1} = PCIe slot number, \texttt{arg2} = server slot number

**Detailed Description**  Chassis Management Controller (CMC) detected that a PCIe adapter was removed from a server which was turned-on. This may cause the server operating system to stop responding or to function in an improper manner.

**Recommended Response**  Perform a Power Cycle operation on the associated server. Restarting the operating system will not resolve this issue. Only remove PCIe adapters when the associated server is turned-off.

**Category**  Audit (PCI = PCI Device)

**Severity**  Severity 2 (Warning)

**Trap/EventID**  8562

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901
PDR Event Messages

PDR1

Message
arg1 copyback stopped for rebuild.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after a copyback stops on a physical disk during a rebuild operation.

Recommended Response Action
Wait for rebuild to finish, then copyback should resume.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2197

OMSA Trap ID
90300

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔ ✔ ✔ ✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔

CMC ✔ ✔

PDR10

Message
arg1 rebuild has started.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after a rebuild starts on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)
Dedicated Hot Spare arg1 no longer useful for all arrays.

arg1 = PD Name

The controller is not able to communicate with a disk that is assigned as a dedicated hot spare. The disk may have been removed. There may also be a bad or loose cable.

Verify that the disk is healthy and that it has not been removed. Check the cables. See the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the dedicated hot spare.

Storage (PDR = Physical Disk)

Severity 2 (Warning)

Verify that the disk is healthy and that it has not been removed. Check the cables. See the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the dedicated hot spare.

Storage (PDR = Physical Disk)
PDR1000

Message
Drive arg1 is installed in disk drive bay arg2.

Arguments
arg1 = number, arg2 = bay

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
2299

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
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✔

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔*
✔

CMC

PDR1001

Message
Fault detected on drive arg1 in disk drive bay arg2.

Arguments
arg1 = number, arg2 = bay

Detailed Description
The controller detected a failure on the disk and has taken the disk offline.

Recommended Response
Remove and reseat the failed drive. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
2297

LCD Message
Fault detected on drive <number> in disk drive bay <bay>. Check drive.
**PDR1002**

**Message**
A predictive failure detected on drive arg1 in disk drive bay arg2.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
The controller received a SMART error from the drive. The drive is operational but needs replacement.

**Recommended Response**
The drive will need replacement at the next service window.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2298

---

**PDR1003**

**Message**
Drive arg1 in disk drive bay arg2 is the hot-spare drive.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None
Recommended Response Action

No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 2 (Warning)

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PDR1004

Message
Consistency check is in progress for drive arg1 in disk drive bay arg2.

Arguments
arg1 = number, arg2 = bay

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 2 (Warning)

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PDR1005

Message
Drive arg1 in disk drive bay arg2 is in the critical array.
**Arguments**

`arg1` = number, `arg2` = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**LCD Message**
Drive `<number>` in disk drive bay `<bay>` is in the critical array. Replace drive.

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**PDR1006**

**Message**
Drive `arg1` in disk drive bay `arg2` is in the failed array.

**Arguments**
`arg1` = number, `arg2` = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**LCD Message**
Drive `<number>` in disk drive bay `<bay>` is in the failed array. Replace drive.

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### PDR1007

**Message**  
Rebuild is in progress for drive \( \text{arg1} \) in disk drive bay \( \text{arg2} \).

**Arguments**  
\( \text{arg1} = \) number, \( \text{arg2} = \) bay

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

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**Filter Visibility**  
IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

| iDRAC | ✔* |

### PDR1008

**Message**  
Rebuild was aborted for drive \( \text{arg1} \) in disk drive bay \( \text{arg2} \).

**Arguments**  
\( \text{arg1} = \) number, \( \text{arg2} = \) bay

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 2 (Warning)

| iDRAC | ✔* |

**Filter Visibility**  
IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

| iDRAC | ✔* | CMC |
Global Hot Spare arg1 does not cover all arrays.

**Arguments**

arg1 = PD Name

**Detailed Description**

This alert message occurs if there are arrays not protected with a global hot spare.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4346

**OMSA Event ID**

2209

**OMSA Trap ID**

90300

Drive arg1 is removed from disk drive bay arg2.

**Arguments**

arg1 = number, arg2 = bay
Detailed Description
The controller detected that the drive was removed.

Recommended Response Action
Verify drive installation. Remove and reseat the failed drive. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
2297

LCD Message
Drive <number> removed from disk drive bay <bay>. Check drive.

PDR1017

Message
Drive arg1 in disk drive bay arg2 is operating normally.

Arguments
arg1 = number, arg2 = bay

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
2299
PDR1019

Message
Drive arg1 in disk drive bay arg2 is no longer the hot-spare drive.

Arguments
arg1 = number, arg2 = bay

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

PDR102

Message
The Patrol Read operation was manually stopped before completion.

Detailed Description
The Patrol Read operation was manually stopped before completion.

Recommended Response Action
If desired, restart the Patrol Read operation at a later time.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2444

OMSA Trap ID
90100
**PDR1020**

**Message**
Consistency check for drive arg1 in disk drive bay arg2 completed.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

---

**PDR1021**

**Message**
Drive arg1 in disk drive bay arg2 is no longer in the critical array.

**Arguments**
arg1 = number, arg2 = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.
PDR1022

Message: Drive \textit{arg1} in disk drive bay \textit{arg2} is no longer in the failed array.

Arguments: \textit{arg1} = number, \textit{arg2} = bay

Recommended Response: No response action is required.

Recommended Action: None

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Filter Visibility

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |

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CMC

PDR1023

Message: Rebuild completed for drive \textit{arg1} in disk drive bay \textit{arg2}.

Arguments: \textit{arg1} = number, \textit{arg2} = bay

Detailed Description: None
### PDR1024

**Message**
Drive mismatch detected for drive \( \text{arg1} \) in disk drive bay \( \text{arg2} \).

**Arguments**
\( \text{arg1} = \text{number}, \text{arg2} = \text{bay} \)

**Detailed Description**
The installed disk does not meet the array requirements, for example a SATA disk may not operate in an array containing SAS drives.

**Recommended Response Action**
Verify the disk meets the array requirements.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2297

**LCD Message**
Drive mismatch detected for drive <number> in bay <bay>. Install correct drive type
PDR1025

Message  Drive mismatch corrected for drive arg1 in disk drive bay arg2.
Arguments  arg1 = number, arg2 = bay
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  2299

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing
iDRAC  ✔  ✔  ✔  ✔  ✔
CMC  

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC  ✔*  ✔
CMC  

PDR103

Message  Cryptographic Erase operation is successfully completed on arg1.
Arguments  arg1 = physical disk name
Detailed Description  Cryptographic Erase operation is successfully completed on the physical disk drive identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
OMSA Event ID  2445
OMSA Trap ID  90100
PDR104

Message
The arg1 has turned off because the critical temperature threshold is exceeded.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

Recommended Response
Contact your service provider.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2441

OMSA Trap ID
90400

PDR105

Message
The physical disk drive arg1 is assigned as a dedicated hot-spare.

Arguments
arg1 = physical disk drive name

Detailed Description
The physical disk drive identified in the message is assigned as a dedicated hot-spare.
**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

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**PDR106**

**Message**

The physical disk drive \(arg1\) is unassigned as a dedicated hot-spare.

**Arguments**

\(arg1 = \text{physical disk drive name}\)

**Detailed Description**

A physical disk identified in the hot-spare that was assigned as a hot spare has been un-assigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare. The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection in recommended.

**Recommended Response Action**

No response action is required. Assigning a new dedicated hot spare to the virtual disk is recommended.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

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### PDR107

**Message**

The physical disk drive arg1 is assigned as a global hot-spare.

**Arguments**

arg1 = physical disk drive name

**Detailed Description**

The physical disk drive identified in the message is assigned as a global hot-spare.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

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### PDR108

**Message**

The physical disk drive arg1 is unassigned as a global hot spare.

**Arguments**

arg1 = physical disk drive name

**Detailed Description**

The physical disk identified in the message that had been assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare. The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection in recommended.
Recommended Response Action
No response action is required. Assigning a new global hot spare is recommended.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC |

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event |
--- | --- | --- | --- | --- | --- | --- | --- |
iDRAC | ✔* | ✔ |
CMC |

PDR11

Message
argin1 rebuild was cancelled.

Arguments
arg1 = physical disk

Detailed Description
A user has cancelled the rebuild operation.

Recommended Response Action
Restart the rebuild operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2074

OMSA Trap ID
90100

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔* | ✔ | ✔* |
PDR110

Message
The arg1 reliability has degraded.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The reliability of the PCIe solid state device identified in the message degraded. Data loss is possible.

Recommended Response
Back up the data on the device, and contact your service provider for further instructions.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2442

OMSA Trap ID
90400

PDR1100

Message
Drive arg1 is installed.

Arguments
arg1 = number

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)
**Fault detected on drive arg1.**

**Arguments**
- arg1 = number

**Detailed Description**
The controller detected a failure on the disk and has taken the disk offline.

**Recommended Response**
Remove and reseat the failed disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Message**
A predictive failure detected on drive arg1.

**Arguments**
- arg1 = number
Detailed Description
The controller received a SMART error from the drive. The drive is operational but needs replacement.

Recommended Response Action
The drive will need replacement at the next service window.

Category
System Health (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
2298

Filter Visibility

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PDR1103

Message
Drive arg1 is the hot-spare drive.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Filter Visibility

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iDRAC ✔*

CMC ✔
**PDR1104**

**Message**
Consistency check is in progress for drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**MC**

---

**PDR1105**

**Message**
Drive arg1 is in the critical array.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**LCD Message**
Drive <number> is in the critical array. Replace drive.

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**
### PDR1106

**Message**  
Drive `arg1` is in the failed array.

**Arguments**  
`arg1` = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**LCD Message**  
Drive `<number>` is in the failed array. Replace drive.

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### PDR1107

**Message**  
Rebuild is in progress for drive `arg1`.

**Arguments**  
`arg1` = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)
PDR1108

Message: Rebuild was aborted for drive arg1.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PDR = Physical Disk)
Severity: Severity 2 (Warning)

PDR111

Message: The volatile memory backup device on arg1 is no longer functional.
Arguments: arg1 = PCIe solid state device name
Detailed Description: The volatile memory backup device on the PCIe solid state device identified in the message is no longer functional. Data loss is possible.
Recommended Response Action: Back up the data on the device, and contact your service provider for further instructions.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
OMSA Event ID: 2443
OMSA Trap ID: 90400

#### Filter Visibility
- **iDRAC**: ✔
- **CMC**: ✔

#### LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
- **iDRAC**: ✔
- **CMC**: ✔

---

**PDR1116**

**Message**
Drive arg1 is removed.

**Arguments**
arg1 = number

**Detailed Description**
The controller detected a drive removal.

**Recommended Response**
If unintended, verify drive installation. Remove and reseat the indicated disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2297

**LCD Message**
Drive <number> is removed. Check drive
PDR1117

**Message**
Drive arg1 is operating normally.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2299

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PDR1119

**Message**
Drive arg1 is no longer the hot-spare drive.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

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Consistency check for drive \( \text{arg1} \) completed.

- **Message:** Consistency check for drive \( \text{arg1} \) completed.
- **Arguments:** \( \text{arg1} = \text{number} \)
- **Detailed Description:** None
- **Recommended Response Action:** No response action is required.
- **Category:** System Health (PDR = Physical Disk)
- **Severity:** Severity 3 (Informational)
PDR1121

Message: Drive arg1 is no longer in the critical array.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PDR = Physical Disk)
Severity: Severity 3 (Informational)

PDR1122

Message: Drive arg1 is no longer in the failed array.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
**Category**: System Health (PDR = Physical Disk)  
**Severity**: Severity 3 (Informational)

---

**Filter Visibility**  
**IPMI Alert**  
**SNMP Alert**  
**Email Alert**  
**Remote System Log**  
**WS Eventing**

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**iDRAC**  
**CMC**

---

**LC Log**  
**LCD**  
**OS Log**  
**Power Off**  
**Power Cycle**  
**Reset**  
**Chassis Event Proxy**

---

**iDRAC** ✔*  
**CMC**

---

**Message**: Rebuild completed for drive `arg1`.
**Arguments**: `arg1` = number
**Detailed Description**: None
**Recommended Response**: No response action is required.
**Category**: System Health (PDR = Physical Disk)  
**Severity**: Severity 3 (Informational)

---

**Filter Visibility**  
**IPMI Alert**  
**SNMP Alert**  
**Email Alert**  
**Remote System Log**  
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**iDRAC**  
**CMC**

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**LC Log**  
**LCD**  
**OS Log**  
**Power Off**  
**Power Cycle**  
**Reset**  
**Chassis Event Proxy**

---

**iDRAC** ✔*  
**CMC**

---

**Message**: The `arg1` has reached or exceeded its warranted wear-out limit.
**Arguments**: `arg1` = PCIe solid state device name
**Detailed Description**: The PCIe solid state device identified in the message has either reached or exceeded the warranted wear-out limit.
**Recommended Response Action**

Back up the data on the device, and contact your service provider for further instructions.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4346

**Filter Visibility**

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**PDR114**

**Message**

The `arg1` is approaching read-only mode.

**Arguments**

`arg1` = PCIe solid state device name

**Detailed Description**

The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 2 (Warning)

**OMSA Event ID**

2440

**OMSA Trap ID**

90400

**Filter Visibility**

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**LC Log**

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931
**PDR115**

Message  
The *arg1* is in read-only mode.

Arguments  
*arg1* = PCIe solid state device name

Detailed Description  
The PCIe solid state device identified in the message is in read-only mode.

Recommended Response  
Back up the data on the device, and contact your service provider for further instructions.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 1 (Critical)

Trap/EventID  
4345

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**PDR116**

Message  
Predictive failure reported for *arg1*

Arguments  
*arg1* = PCIe solid state device name

Detailed Description  
The PCIe Solid-State Drive is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.

Recommended Response  
Back up the data on the device, and contact your service provider for further instructions.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4346
The arg1 has turned off because the critical temperature threshold is exceeded.

**Arguments**

*arg1* = PCIe solid state device name

**Detailed Description**
The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

**Recommended Response**
Contact your service provider for further instructions.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

---

**PDR12**

**Message**
arg1 initialization has failed.

**Arguments**

*arg1* = PD Name

**Detailed Description**
The physical disk has failed or is corrupt.
Recommended Response
Replace the failed or corrupt disk. Identify a disk that has failed by locating the disk that has a red 'X' for its status. Restart the initialization.

Category Storage (PDR = Physical Disk)
Severity Severity 1 (Critical)
Trap/EventID 4345
OMSA Event ID 2080
OMSA Trap ID 90400

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PDR13

Message arg1 rebuild has failed.
Arguments arg1 = physical disk
Detailed Description A physical disk included in the virtual disk has failed or is corrupted. In addition, you may have cancelled the rebuild.
Recommended Response Replace the failed or corrupt disk, and then start the rebuild operation.
Action
Category Storage (PDR = Physical Disk)
Severity Severity 1 (Critical)
Trap/EventID 4345
OMSA Event ID 2083
OMSA Trap ID 90400

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PDR14

Message  arg1 initialization is complete.
Arguments  \( arg1 \) = PD Name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2089
OMSA Trap ID  90100

PDR15

Message  arg1 rebuild is complete.
Arguments  \( arg1 \) = physical disk
Detailed Description  This message is generated after a rebuild completes on a physical disk.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
PDR16

Message Predictive failure reported for arg1.

Arguments arg1 = physical disk

Detailed Description The physical disk is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.

Recommended Response Replace the physical disk. Even though the disk may not have failed yet, it is strongly recommended that the disk be replaced. Review other messages for additional information.

Category Storage (PDR = Physical Disk)

Severity Severity 2 (Warning)

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PDR17

Message
Global hot spare assigned to \textit{arg1}.

Arguments
\textit{arg1} = PD Name

Detailed Description
A user has assigned a physical disk as a global hot spare. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2098

OMSA Trap ID
90100

PDR18

Message
Global hot spare unassigned from \textit{arg1}.

Arguments
\textit{arg1} = PD Name

Detailed Description
A physical disk assigned as a hot spare was unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares were used to rebuild data. Once the data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.
Recommended Response Action
Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information.

Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
OMSA Event ID: 2099
OMSA Trap ID: 90100

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**PDR19**

**Message**: SMART FPT exceeded for `arg1`.

**Arguments**: `arg1` = PD Name

**Detailed Description**: A disk on the specified controller has received a SMART alert (predictive failure) indicating that the disk is likely to fail in the near future.

**Recommended Response Action**: Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

**Category**: Storage (PDR = Physical Disk)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 4346

**OMSA Event ID**: 2106

**OMSA Trap ID**: 90300

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PDR2

Message
Insufficient space available on *arg1* to perform a copyback operation.

Arguments
*arg1* = physical disk

Detailed Description
This message is generated if a physical disk does not have enough space to do a copyback operation.

Recommended Response
Replace the physical disk with a larger physical disk, and then restart the copyback operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2198

OMSA Trap ID
90300

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PDR20

Message
SMART configuration change for *arg1*.

Arguments
*arg1* = PD Name

Detailed Description
A disk has received a SMART alert (predictive failure) after a configuration change. The disk is likely to fail in the near future.

Recommended Response
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)

**Trap/EventID**: 4345
**OMSA Event ID**: 2107
**OMSA Trap ID**: 90400

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**PDR206**

**Message**: arg1 is a solid state drive (SSD) that is not supported by the controller.

**Arguments**: arg1 = physical disk name

**Detailed Description**: The storage controller does not support the attached SSD devices.

**Recommended Response**: Remove SSD devices not supported by the controller, and retry the operation.

**Category**: Storage (PDR = Physical Disk)

**Severity**: Severity 2 (Warning)

**OMSA Event ID**: 2382

**OMSA Trap ID**: 90300

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PDR207

Message
Unable to assign \texttt{arg1} as a dedicated hot spare.

Arguments
\texttt{arg1} = physical disk name

Detailed Description
Unable to assign the physical disk as a dedicated hot spare because the selected disk size does not meet the size requirements of the target Virtual Disk.

Recommended Response
Select a physical disk that matches the size required for the disks used in the target Virtual Disk, and retry the operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2386

OMSA Trap ID
90100

Filter Visibility
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CMC ✔

LC Log ✔
OS Log ✔
Remote System Log ✔
Email Alert ✔
SNMP Alert ✔
IPMI Alert ✔
WS Eventing ✔

PDR208

Message
Instant Secure Erase operation successfully completed on \texttt{arg1}.

Arguments
\texttt{arg1} = physical disk name

Detailed Description
The secure erase operation successfully completed on the Self-Encrypting Drive (SED) identified in the message.

Recommended Response
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2390

OMSA Trap ID
90100
The power status of arg1 is changed from arg2 to arg3.

Arguments:
- arg1 = physical disk name
- arg2 = previous power status
- arg3 = current power status

Detailed Description:
The Manage Physical Disk Power feature is enabled for physical drives and the power status of the drives changed.

Recommended Response Action:
No response action is required.

Category:
Storage (PDR = Physical Disk)

Severity:
Severity 3 (Informational)

OMSA Event ID:
2399

OMSA Trap ID:
90100

SMART warning for arg1

Arguments:
- arg1 = PD Name
A disk has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

Recommended Response Action
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

Category Storage (PDR = Physical Disk)
Severity Severity 2 (Warning)
Trap/EventID 4346
OMSA Event ID 2108
OMSA Trap ID 90300

PDR210

Message Successfully updated configuration data on the arg1.
Arguments arg1 = physical disk name
Detailed Description This event is generated while initializing the drives during reboot. The controller updated the configuration data on the physical disks identified in the message. The drive configuration was updated because the following conditions were present: 1) The spundown drives were used for configuration. Spundown drives are drives that are temporarily powered off because power saving option is enabled. 2) The storage controller was not able to update the Configuration On Disk (COD) records on the drive while they were spundown.
Recommended Response Action No response action is required.
Category Storage (PDR = Physical Disk)
Severity Severity 3 (Informational)
OMSA Event ID 2400
OMSA Trap ID 90100
PDR211

Message  arg1 has encountered storage medium error.
Arguments  arg1 = physical disk name
Detailed Description  Storage medium error was detected on the disk identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 2 (Warning)
OMSA Event ID  2416
OMSA Trap ID  90300

PDR212

Message  The state of arg1 changed from Ready to Non-RAID.
Arguments  arg1 = physical disk name
Detailed Description  The physical disk state has changed from Ready state to Non-RAID state.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2425

OMSA Trap ID
90100

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**PDR213**

**Message**
The state of `arg1` changed from Non-RAID to Ready.

**Arguments**
`arg1` = physical disk name

**Detailed Description**
The physical disk state has changed from Non-RAID state to Ready state.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2426

**OMSA Trap ID**
90100

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PDR214

Message
The arg1 is not supported because it is not supplied by an authorized hardware provider.

Arguments
arg1 = physical disk name

Detailed Description
The physical disk identified in the message is not compliant with the standards set by the hardware provider and is not supported.

Recommended Response
Replace the physical disk with a supported physical disk that is provided by an authorized hardware provider.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

OMSA Event ID
2359

OMSA Trap ID
90300

PDR215

Message
Copyback task to arg1 has failed.

Arguments
arg1 = physical disk name

Detailed Description
The Replace Member Disk operation did not complete successfully because of internal errors. The error may be due to problems with the source or target physical disks or the controller may be out of resources.

Recommended Response
Retry the Replace Member Disk operation with a different target physical disk. If the problem persists, check the condition of the target physical disk and replace if necessary, then retry the operation.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
OMSA Event ID: 2183
OMSA Trap ID: 90400

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**PDR22**

**Message**: SMART warning temperature for arg1

**Arguments**: arg1 = PD Name

**Detailed Description**: A disk has reached an unacceptable temperature and received a SMART alert (predictive failure). The disk is likely to fail in the near future.

**Recommended Response Action**: Do the following: 1) Determine why the physical disk reached an unacceptable temperature. For example, a fan failure, incorrect thermostat settings, or the room temperature may be too hot or cold. 2) Verify that the fans in the server or enclosure are working. 3) If the physical disk is in an enclosure, check the thermostat settings and examine whether the enclosure is located near a heat source. Verify the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information. 4) If you cannot identify why the disk has reached an unacceptable temperature, then replace the disk. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2109
OMSA Trap ID: 90300
SMART warning degraded for arg1

A disk is degraded and has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk.

Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

Storage (PDR = Physical Disk)

Severity 2 (Warning)

Failure prediction threshold exceeded on arg1 due to test. No action needed.

arg1 = PD Name
Detailed Description
A disk has received a SMART alert (predictive failure) due to test conditions.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2111

OMSA Trap ID
90300

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PDR25

Message
arg1 dead segments are removed.

Arguments
arg1 = PD Name

Detailed Description
Portions of the physical disk that were formerly inaccessible have been recovered. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2141

OMSA Trap ID
90100

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PDR26

Message

arg1 is online.

Arguments

arg1 = physical disk

Detailed Description

A drive has entered the online state. This may be because the system just started or could be because a problem with the drive has been corrected.

Recommended Response Action

No response action is required.

Category

Storage (PDR = Physical Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4347

OMSA Event ID

2158

OMSA Trap ID

90100

PDR27

Message

Dedicated hot spare assigned to arg1.

Arguments

arg1 = PD Name

Detailed Description

A user assigned a physical disk as a dedicated hot spare to a virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information. This alert is provided for informational purposes.

Recommended Response Action

No response action is required.
PDR28

Message

Dedicated hot spare unassigned from arg1.

Arguments

arg1 = PD Name

Detailed Description

A physical disk that was assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares that have been used to rebuild data. Once data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.

Recommended Response Action

Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. Refer to product documentation and see the section Protecting Your Virtual Disk with a Hot Spare for more information.

Category

Storage (PDR = Physical Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4347

OMSA Event ID

2160

OMSA Trap ID

90100

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arg1 = PD Name
**PDR29**

**Message**
Rebuild on \textit{arg1} completed with error(s).

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
See A Rebuild Completes with Errors for more information.

**Recommended Response Action**
See A Rebuild Completes with Errors for more information.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2163

**OMSA Trap ID**
90400

---

**PDR3**

**Message**
\textit{arg1} is not functioning correctly.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
The RAID Controller may not be able to read/write data to the physical disk drive indicated in the message. This may be due to a failure with the physical disk drive or because the physical disk drive was removed from the system.

**Recommended Response Action**
Remove and re-insert the physical disk drive identified in the message and make sure the physical disk drive is inserted properly. If the issue persists, replace the physical disk drive.
**PDR30**

**Message**
A global hot spare failed. \textit{arg1}

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
The controller cannot to communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

**Recommended Response**
Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2201

**OMSA Trap ID**
90300
PDR31

Message
A global hot spare has been removed. arg1

Arguments
arg1 = PD Name

Detailed Description
The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

Recommended Response
Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2202

OMSA Trap ID
90100

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PDR32

Message
A dedicated hot spare failed. arg1

Arguments
arg1 = PD Name

Detailed Description
The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

Recommended Response
Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

Category
Storage (PDR = Physical Disk)
A dedicated hot spare has been removed. \texttt{arg1}

The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.
PDR34

Message  A dedicated hot spare has been automatically unassigned. arg1
Arguments  arg1 = PD Name
Detailed Description  The hot spare is no longer required because the virtual disk it was assigned to has been deleted.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2205
OMSA Trap ID  90100

PDR35

Message  The only hot spare available is a SATA disk arg1.
Arguments  arg1 = PD Name
Detailed Description  The only physical disk available to be assigned as a hot spare is using SATA technology. The physical disks in the virtual disk are using SAS technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.
Recommended Response: Add a SAS disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2206
OMSA Trap ID: 90300

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PDR36

Message: The only hot spare available is a SAS disk arg1.

Arguments: arg1 = PD Name

Detailed Description: The only physical disk available to be assigned as a hot spare is using SAS technology. The physical disks in the virtual disk are using SATA technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.

Recommended Response: Add a SATA disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2207
OMSA Trap ID: 90300
PDR37

Message
The arg1 is not supported.

Arguments
arg1 = physical device

Detailed Description
The physical device may not have a supported version of the firmware or the physical device may not be supported.

Recommended Response
If the physical device is supported, then update the firmware to a supported version. If the physical device is not supported, then replace the physical device with one that is supported.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2211

OMSA Trap ID
90300

PDR38

Message
A clear operation started on arg1.

Arguments
arg1 = physical disk

Detailed Description
A user has initiated a clear operation on a physical disk.

Recommended Response
No response action is required.

Category
Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4347
OMSA Event ID: 2249
OMSA Trap ID: 90100

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**PDR39**

**Message:** A blink operation has initiated on arg1.

**Arguments:**

arg1 = physical disk

**Detailed Description:** This alert is provided for informational purposes.

**Recommended Response Action:** No response action is required.

**Category:** Storage (PDR = Physical Disk)

**Severity:** Severity 3 (Informational)

Trap/EventID: 4347
OMSA Event ID: 2251, 2437
OMSA Trap ID: 90100

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PDR4

**Message**
arg1 returned to a ready state.

**Arguments**
arg1 = physical disk

**Detailed Description**
A physical drive that was previously in an error state has returned to a ready state.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

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PDR40

**Message**
The blink operation has ceased on arg1.

**Arguments**
arg1 = physical disk

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2252:2438

**OMSA Trap ID**
90100
PDR41

**Message**
The clear operation on arg1 was cancelled.

**Arguments**
arg1 = physical disk

**Detailed Description**
The clear command did not complete on the physical disk. This means that some data was not cleared and may be recoverable.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2254

**OMSA Trap ID**
90100

---

PDR42

**Message**
arg1 has been started.

**Arguments**
arg1 = physical disk
Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2255

OMSA Trap ID
90100

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC ✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC ✔

PDR43

Message
The clear operation on arg1 has completed.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after a clear operation completes on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2269

OMSA Trap ID
90100

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC ✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC ✔

962
PDR44

Message
The clear operation on arg1 failed.

Arguments
arg1 = physical disk

Detailed Description
A Clear task was being performed on a physical disk but the task was interrupted and did not complete successfully. The controller may have lost communication with the disk, the disk was removed, or the cables may be loose or defective.

Recommended Response
Verify that the disk is present and not in a Failed state. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Restart the Clear task.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2270

OMSA Trap ID
90400

PDR46

Message
Patrol Read found an uncorrectable media error on arg1.

Arguments
arg1 = physical disk

Detailed Description
The Patrol Read task has encountered an error that cannot be corrected. There may be a bad disk block that cannot be remapped.

Recommended Response
Backup your data from the disk. Start disk initialization and wait for it to complete, then restore the data from the backup to the disk.
A block on \textit{arg1} was punctured by the controller.

The controller encountered an unrecoverable medium error when attempting to read a block on the physical disk and marked that block as invalid. If the controller encountered the unrecoverable medium error on a source physical disk during a rebuild or reconfigure operation, it punctures the corresponding block on the target physical disk. The invalid block clears on a write operation.

Back up the data from the disk. Start disk initialization and wait for it to complete, and then restore the data from a backup copy.
PDR48

Message
The arg1 rebuild has resumed.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after rebuild resumes on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2274

OMSA Trap ID
90100

PDR49

Message
The dedicated hot spare arg1 is too small.

Arguments
arg1 = PD Name

Detailed Description
The dedicated hot spare is not large enough to protect all virtual disks that reside on the disk group.

Recommended Response Action
Assign a larger disk as the dedicated hot spare.

Category
Storage (PDR = Physical Disk)
Message: arg1 is removed.

Arguments: arg1 = PD Name

Detailed Description: A physical disk has been removed from the disk group. This alert can also be caused by loose or defective cables or by problems with the enclosure.

Recommended Response: Do one of the following: 1) If a physical disk was removed from the disk group, either replace the disk or restore the original disk. Identify the disk that was removed by locating the disk that has a red "X" for its status. 2) Perform a rescan after replacing or restoring the disk. 3) If a disk was not removed from the disk group, then check for cable problems. Refer to product documentation for more information on checking the cables. 4) Make sure that the enclosure is powered on. 5) If the problem persists, check the enclosure documentation for further diagnostic information.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2049

OMSA Trap ID: 90300

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PDR5

Message: arg1 is removed.

Arguments: arg1 = PD Name

Detailed Description: A physical disk has been removed from the disk group. This alert can also be caused by loose or defective cables or by problems with the enclosure.

Recommended Response: Do one of the following: 1) If a physical disk was removed from the disk group, either replace the disk or restore the original disk. Identify the disk that was removed by locating the disk that has a red "X" for its status. 2) Perform a rescan after replacing or restoring the disk. 3) If a disk was not removed from the disk group, then check for cable problems. Refer to product documentation for more information on checking the cables. 4) Make sure that the enclosure is powered on. 5) If the problem persists, check the enclosure documentation for further diagnostic information.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2049

OMSA Trap ID: 90300
PDR50

Message  Insufficient space on the global hot spare arg1.

Arguments  arg1 = PD Name

Detailed Description  The global hot spare is not large enough to protect all virtual disks that reside on the controller.

Recommended Response  Assign a larger disk as the global hot spare.

Category  Storage (PDR = Physical Disk)

Severity  Severity 2 (Warning)

Trap/EventID  4346

OMSA Event ID  2277

OMSA Trap ID  90300

PDR51

Message  Hot spare arg1 SMART polling has failed. arg2

Arguments  arg1 = physical disk. arg2 = arg

Detailed Description  The controller firmware attempted to do SMART polling on the hot spare but could not complete the SMART polling. The controller may have lost communication with the hot spare.

Recommended Response  Verify the health of the disk assigned as a hot spare. Replace the disk and reassign the hot spare. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables.

967
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4345
OMSA Event ID: 2282
OMSA Trap ID: 90400

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓* ✓ ✓*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✓* ✓
CMC ✓ ✓*

PDR52

Message: A redundant path is broken.
Detailed Description: The controller has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.
Recommended Response: Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables. Make sure both Enclosure Management Modules (EMMs) are healthy.
Recommended Action: Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2283
OMSA Trap ID: 90300

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓* ✓ ✓*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✓* ✓
CMC ✓ ✓*
**PDR53**

**Message**  
A redundant path has been restored for arg1.

**Arguments**  
arg1 = PD Name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2284

**OMSA Trap ID**  
90100

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**PDR54**

**Message**  
A disk media error on arg1 was corrected during recovery.

**Arguments**  
arg1 = physical disk

**Detailed Description**  
This message is generated after a disk media error is corrected on a physical disk.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2285
Insufficient space available on the arg1 to perform a rebuild.

Arguments
arg1 = physical disk

Detailed Description
The physical disk inserted is too small for the rebuild to occur.

Recommended Response
Replace the physical disk with one of correct protocol (SAS, SATA) with at least the required size. Force rebuild if it does not start automatically.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

PDR55

Message
Bad block table on arg1 is 80% full.

PDR56
Arguments  \( \text{arg1} = \text{physical disk} \)

Detailed Description  The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur. The bad block table is now 80 percent full.

Recommended Response  Replace the disk generating this message.

Category  Storage (PDR = Physical Disk)

Severity  Severity 2 (Warning)

Trap/EventID  4346

OMSA Event ID  2306

OMSA Trap ID  90300

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PDR57

Message  Bad block table on \( \text{arg1} \) is full. Unable to log block \( \text{arg2} \).

Arguments  \( \text{arg1} = \text{physical disk}, \text{arg2} = \text{logical block address} \)

Detailed Description  The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur.

Recommended Response  Replace the disk generating this message and restore from a backup copy. You may have lost data.

Category  Storage (PDR = Physical Disk)

Severity  Severity 1 (Critical)

Trap/EventID  4345

OMSA Event ID  2307

OMSA Trap ID  90400
**PDR58**

**Message**
arg1 is incompatible.

**Arguments**
arg1 = PD Name

**Detailed Description**
A user attempted to replace a disk with another disk that is using an incompatible technology. For example, replaced one side of a mirror with a SAS disk when the other side of the mirror is using SATA technology.

**Recommended Response Action**
Refer to the hardware documentation for information on replacing disks.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2309

**OMSA Trap ID**
90300

---

**PDR59**

**Message**
A bad disk block was reassigned on arg1.

**Arguments**
arg1 = physical disk
Detailed Description
The disk has a bad block. Data was remapped to another disk block. No data loss has occurred.

Recommended Response
Monitor the disk for other messages or indications of poor health.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2331

OMSA Trap ID
90100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔* ✔
CMC ✔ ✔*

PDR6

Message
arg1 is offline.

Arguments
arg1 = physical disk

Detailed Description
A physical disk in the virtual disk is offline. This may have been user initiated.

Recommended Response
Force the physical disk online or assign a hot spare to the virtual disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2050

OMSA Trap ID
90300

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔*
**PDR60**

Message:  
Error occurred on \texttt{arg1} : \texttt{arg2}.

Arguments:  
\texttt{arg1} = physical disk, \texttt{arg2} = error code

Detailed Description:  
The reason for the error can vary depending on the situation. The firmware error code is indicated in the message.

Recommended Response:  
Verify the health of attached devices. Review the Lifecycle log for significant events. Replace faulty hardware, if required. Make sure the cables are attached securely. Refer to the storage hardware documentation for more information on checking the cable connections.

Category:  
Storage (PDR = Physical Disk)

Severity:  
Severity 2 (Warning)

Trap/EventID:  
4346

OMSA Event ID:  
2346

OMSA Trap ID:  
90300

**PDR61**

Message:  
The rebuild of \texttt{arg1} failed due to errors on the source physical disk.

Arguments:  
\texttt{arg1} = physical disk

Detailed Description:  
It is not possible to rebuild data that resides on a defective disk.

Recommended Response:  
Replace the source disk and restore data from backup.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4345
OMSA Event ID: 2347
OMSA Trap ID: 90400

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

iDRAC  ✔  ✔  ✔  ✔  ✔
CMC  ✔  ✔*  ✔  ✔*  

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔*  ✔
CMC  ✔  ✔*

PDR62

Message: The rebuild failed due to errors on the target arg1.
Arguments: arg1 = physical disk
Detailed Description: It is not possible to rebuild data that resides on a defective disk.
Recommended Response: Replace the target disk. If a rebuild does not automatically start after replacing the disk, then initiate the Rebuild task. You may need to assign the new disk as a hot spare to initiate the rebuild.
**PDR63**

**Message**
A bad disk block on $arg1$ cannot be reassigned during a write operation.

**Arguments**
$arg1$ = physical disk

**Detailed Description**
A write operation cannot complete because the disk contains bad disk blocks that could not be reassigned. Data loss may have occurred. Data redundancy may be lost.

**Recommended Response Action**
Replace the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2349

**OMSA Trap ID**
90400

---

**PDR64**

**Message**
An unrecoverable disk media error occurred on $arg1$.

**Arguments**
$arg1$ = physical disk

**Detailed Description**
The rebuild or recovery operation encountered an unrecoverable disk media error.

**Recommended Response Action**
Replace the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345
OMSA Event ID 2350
OMSA Trap ID 90400

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**PDR65**

**Message**  
arg1 is marked as missing.

**Arguments**  
arg1 = physical disk

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

Trap/EventID 4347
OMSA Event ID 2351
OMSA Trap ID 90100

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**PDR66**

**Message**
arg1 that was marked as missing has been replaced.

**Arguments**
arg1 = physical disk

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2352

**OMSA Trap ID**
90100

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**PDR67**

**Message**
An unsupported physical disk drive has been detected.

**Detailed Description**
The physical disk does not comply with the standards set by service provider and is not supported.

**Recommended Response**
Replace the physical disk with a supported physical disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346
PDR68

**Message**
Dedicated spare arg1 imported as global due to missing disk groups.

**Arguments**
argon1 = PD Name

**Detailed Description**
This alert is provided for informational purposes

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2366

**OMSA Trap ID**
90100

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PDR69

**Message**
Rebuild not possible on arg1.

**Arguments**
argon1 = physical disk
Physical disk inserted is of the incorrect protocol. SAS or SATA mixing is not supported in the same virtual disk.

Remove drive, insert correct protocol type, and force a rebuild as imposed for controller and system.

Storage (PDR = Physical Disk)

Severe 2 (Warning)

4346

2367

90300

iDRAC

CMC

PDR7

arg1 has degraded.

arg1 = physical disk

A physical disk has reported an error condition and may be degraded. The physical disk may have reported the error condition in response to a check consistency or other operation.

Replace the degraded physical disk. Identify the disk that is degraded by locating the disk that has a red "X" for its status. Perform a rescan after replacing the disk.

Storage (PDR = Physical Disk)

Severe 2 (Warning)

4346

2051

90300
PDR70

Message
Copyback started from arg1 to arg2.

Arguments
arg1 = physical disk, arg2 = physical disk

Detailed Description
A copyback operation began to copy data from one physical disk to another physical disk. This may be due to a user initiated operation or a predictive failure.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2060

OMSA Trap ID
120100

PDR71

Message
Copyback completed from arg1 to arg2.

Arguments
arg1 = physical disk, arg2 = physical disk
The copyback operation completed.

No response action is required.

Storage (PDR = Physical Disk)

Severity 3 (Informational)

4347

2075

120100

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</table>

Copyback resumed on arg1 from arg2.

arg1 = physical disk, arg2 = physical disk

This alert is provided for informational purposes

No response action is required.

Storage (PDR = Physical Disk)

Severity 3 (Informational)

4347

2087

90100

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</table>
### PDR73

**Message**
Copyback failed from *arg1* to *arg2*.

**Arguments**
- *arg1* = physical disk, *arg2* = physical disk

**Detailed Description**
The physical disk participating in the copyback operation failed.

**Recommended Response Action**
Replace the disk and retry the operation.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

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### PDR74

**Message**
Copyback cancelled on *arg1*.

**Arguments**
- *arg1* = physical disk

**Detailed Description**
A user cancelled the copyback operation.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347
OMSA Event ID 2184
OMSA Trap ID 90100

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PDR75

Message
Copyback stopped for hot spare arg1.

Arguments
arg1 = physical disk

Detailed Description
This alert is provided for informational purposes

Recommended Response
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2185

OMSA Trap ID
90300

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PDR76

Message: Copyback not possible as SAS or SATA mixing is not supported.

Detailed Description: Copyback not possible as SAS or SATA mixing is not supported in the same virtual disk. This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

OMSA Event ID: 2200

OMSA Trap ID: 90300

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PDR77

Message: arg1 state changed from READY to Non-RAID.

Arguments: arg1 = physical disk

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347
### PDR78

**Message**
```
arg1 state changed from Non-RAID to READY.
```

**Arguments**
```
arg1 = physical disk
```

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

---

### PDR79

**Message**
```
A user terminated Copyback from arg1 to arg2.
```

**Arguments**
```
arg1 = physical disk, arg2 = physical disk
```

**Detailed Description**
A user aborted an ongoing copyback operation. The operation did not complete.
Recommended Response Action

Category Storage (PDR = Physical Disk)
Severity Severity 3 (Informational)

Trap/EventID 4347

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**PDR8**

Message arg1 is inserted.

Arguments arg1 = PD Name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (PDR = Physical Disk)

Severity Severity 3 (Informational)

Trap/EventID 4347

OMSA Event ID 2052

OMSA Trap ID 90100

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</table>
Microcode update started on arg1.

Arguments
arg1 = physical disk

Detailed Description
The physical disk firmware update operation has started.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

Security on a secure encrypted disk was activated.

Arguments
arg1 = physical disk

Detailed Description
Security on a secure encrypted disk was activated.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347
PDR83

**Message**

arg1 is reprovisioned.

**Arguments**

arg1 = PD Name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

---

PDR84

**Message**

arg1 Security key has changed.

**Arguments**

arg1 = physical disk

**Detailed Description**

The Security key on a secure encrypted disk was activated.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID 4347

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**PDR85**

**Message**
Security subsystem errors detected for **arg1**.

**Arguments**
*arg1* = physical disk

**Detailed Description**
Errors were detected with security related operations on the disk. The data on the disk might not be retrieved or stored successfully. In addition, the security of the stored data might be at risk.

**Recommended Response Action**
Verify the disk is a Secure Encrypted Disk and is not locked. If it is not, replace the disk with a Secure Encrypted Disk. See the storage hardware documentation for more information.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID** 4345

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</table>
**PDR86**

**Message**
Bad block table on `arg1` is full.

**Arguments**
`arg1` = physical disk

**Detailed Description**
The number of blocks on the disk that exhibit an error has exceeded the capacity of the drive to remap. Any future writes to bad sectors will be unrecoverable.

**Recommended Response Action**
Replace the disk.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

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**PDR87**

**Message**
`arg1` was reset.

**Arguments**
`arg1` = physical device

**Detailed Description**
The physical device was reset. This is a normal part of operations and is not a cause for concern.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347
PDR88

Message  
Power state change failed on arg1. (from arg2 to arg3)

Arguments  
arg1 = PD Name, arg2 = state, arg3 = state

Detailed Description  
When physical drives in spun down power state are configured, the drives should transition to spun up power state. If the drive is not functioning properly, this transition could fail.

Recommended Response  
Replace the physical disk and try again. Contact technical support if the issue persists.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 1 (Critical)

Trap/EventID  
4345

OMSA Event ID  
2402

OMSA Trap ID  
90400

PDR9

Message  
Initialization has started on arg1.

Arguments  
arg1 = physical disk
### PDR9000

**Message**
Foreign Configuration was detected on arg1.

**Arguments**
arg1 = physical disk drive name

**Detailed Description**
Internal Use Only.

**Recommended Response Action**
Internal Use Only.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

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### PDR93

**Message**
Microcode update on \(\text{arg1}\) has completed.

**Arguments**
\(\text{arg1} = \text{physical disk}\)

**Detailed Description**
The physical disk firmware update operation has completed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

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### PDR94

**Message**
Microcode update on \(\text{arg1}\) has timed out.

**Arguments**
\(\text{arg1} = \text{physical disk}\)

**Detailed Description**
The attempt to update the physical disk has timed out. This may be due to too much activity on the bus, a bad update package, or a bad disk.

**Recommended Response Action**
Retry the update. The update utility may have already performed the retry operation.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347
PDR95

Message
Microcode update on arg1 has failed.

Arguments
arg1 = physical disk

Detailed Description
The attempt to update the physical disk has failed. This is due to too much activity on the bus, a bad update package, or a bad disk.

Recommended Response
Retry the update. If the update fails a second time, verify the update package is valid. If the update package is valid, replace the failing disk. Contact technical support if the problem persists.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

PDR96

Message
Security was disabled on arg1.

Arguments
arg1 = physical disk

Detailed Description
Security on a secure encrypted disk was disabled.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID 4347

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PDR97

Message
arg1 security key required.

Arguments
arg1 = physical disk

Detailed Description
The controller detected drives that require security keys for access. Without providing security keys, the drives are unstable.

Recommended Response Action
Provide the security key required to unlock the secure encrypted drives.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID 4347

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PDR98

Message  Command timeout occurred on arg1 . arg2.
Arguments arg1 = physical disk. arg2 = args
Detailed Description An error occurred while performing an action on the disk.
Recommended Response Action Check the disk is present or replace the disk.
Category Storage (PDR = Physical Disk)
Severity Severity 2 (Warning)
Trap/EventID 4346
OMSA Event ID 2405
OMSA Trap ID 90300

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PFM Event Messages

PFM0001

Message
The value of arg1 is greater than the upper critical threshold.

Arguments
arg1 = sensor name

Detailed Description
The utilization value of the sensor identified in the message is higher than the upper critical threshold.

Recommended Response
Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.

Category
System Health (PFM = System Performance Event)

Severity
Severity 1 (Critical)

Recommended Response
No alerts are applicable for this message

PFM0002

Message
The value of arg1 is greater than the upper warning threshold.

Arguments
arg1 = sensor name

Detailed Description
The utilization value of the sensor identified in the message is higher than the upper warning threshold.

Recommended Response
Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.

Category
System Health (PFM = System Performance Event)

Severity
Severity 2 (Warning)

Trap/EventID
2650

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### PFM0003

**Message** The value of arg1 is less than the lower warning threshold.

**Arguments**

`arg1 = sensor name`

**Detailed Description** The utilization value of the sensor identified in the message is lower than the lower warning threshold value.

**Recommended Response** The workload on server is almost zero. Consider assigning additional workloads to the server.

**Category** System Health (PFM = System Performance Event)

**Severity** Severity 3 (Informational)

*No alerts are applicable for this message*

### PFM0004

**Message** The value of arg1 is within specified limits.

**Arguments**

`arg1 = sensor name`

**Detailed Description** The value of the sensor identified in the message is within specified limits.

**Recommended Response** No response action is required.

**Category** System Health (PFM = System Performance Event)

**Severity** Severity 3 (Informational)

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999
POW Event Messages

POW000

Message
Power on permission error, chassis infrastructure not ready.

Detailed Description
Host failed to power up because chassis infrastructure is not ready. This message has been replaced by Message ID PWR2250

Recommended Response
Check status of chassis infrastructure.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)

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POW001

Message
Power on permission error, chassis cover open.

Detailed Description
Host failed to power up because chassis cover is open. This message has been replaced by Message ID PWR2251

Recommended Response
Check chassis cover.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)

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POW002

Message: Power on permission error, unknown component installed in Fabric1/Fabric2.

Detailed Description: Host failed to power up because unsupported components installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2252.

Recommended Response Action: Check for unsupported components installed in Fabric1/Fabric2.

Category: Audit (POW = Power Usage)

Severity: Severity 2 (Warning)

POW003

Message: Power on permission error, no PCI/Mezz card installed in Fabric1/Fabric2.

Detailed Description: Host failed to power up because PCI/Mezz cards not installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2253.

Recommended Response Action: Install PCI/Mezz card in Fabric1/Fabric2.

Category: Audit (POW = Power Usage)

Severity: Severity 2 (Warning)
POW004

**Message**
Power on permission error, unacknowledge use of 110V.

**Detailed Description**
Host failed to power up because of unacknowledged use of 110V. This message has been replaced by Message ID PWR2254

**Recommended Response**
Check for unacknowledged use of 110V.

**Category**
Audit (POW = Power Usage)

**Severity**
Severity 2 (Warning)

---

POW005

**Message**
Power on permission error, CMC is in MPCM mode.

**Detailed Description**
Host failed to power up because CMC MPCM mode is enabled. This message has been replaced by Message ID PWR2255

**Recommended Response**
Disable MPCM mode to power up.

**Category**
Audit (POW = Power Usage)

**Severity**
Severity 2 (Warning)
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PR Event Messages

PR1

**Message**
A replacement part was detected for device: \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The specified device has been replaced.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

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PR10

**Message**
Firmware update will not be performed. Firmware package is not present for \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The Part Replacement feature has detected a firmware difference and would apply firmware based on user settings for the system. However, the previous devices firmware update package is not present on the Lifecycle Controller.

**Recommended Response Action**
Use Unified Server Configurator or Dell update package to update device.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)
PR11

**Message**
A required license for the Part Replacement feature is not present, replacement action(s) will not be performed.

**Detailed Description**
A valid license for this feature is not present.

**Recommended Response Action**
Obtain license to utilize functionality

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)
**PR13**

**Message**
Firmware mismatch detected. Configuration changes not applied.

**Detailed Description**
The Part Replacement feature detected a firmware difference and cannot apply the configuration changes. After the device firmware is updated, configuration changes can be applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

**PR14**

**Message**
The configuration could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The device identified in the message could not apply the configuration settings. This may indicate configuration changes since the last system inventory.
**Recommended Response Action**
Check the current system configuration and retry the operation.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

---

**PR15**

**Message**
Unable to verify configuration changes for device: `arg1`

**Arguments**
`arg1` = device name

**Detailed Description**
The configuration changes requested have not passed the device specific verification check and will not be applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

---

**PR16**

**Message**
Some of the configuration values could not be applied to device: `arg1`
Arguments: arg1 = device name

Detailed Description: The device could not apply some of the configuration settings. This may indicate configuration changes since the last system inventory or mutually exclusive settings.

Recommended Response: Check the current system configuration and ensure all settings are correct. If not, retry the operation.

Category: Configuration (PR = Part Exchange)

Severity: Severity 2 (Warning)

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PR17

Message: Some of the configuration values stored for the previous device could not be applied to device: arg1

Arguments: arg1 = device name

Detailed Description: Some of the configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

Recommended Response: Check the devices configuration and ensure that the new configuration is correct for the system.

Category: Configuration (PR = Part Exchange)

Severity: Severity 2 (Warning)

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Firmware version difference detected for device: arg1

The Part Replacement feature has detected a firmware difference between the current and previous components. Depending on the Part Firmware Update setting value this may cause a firmware update to the replaced part.

No response action is required.

Configuration (PR = Part Exchange)

Severity 3 (Informational)

Job completed successfully.

The specified job has completed successfully.

No response action is required.

Configuration (PR = Part Exchange)

Severity 3 (Informational)
Configuration difference detected for device: arg1

Arguments: arg1 = device name

Recommended Response: No response action is required.

Category: Configuration (PR = Part Exchange)

Severity: Severity 3 (Informational)

Job in progress.

Recommended Response: No response action is required.

Category: Configuration (PR = Part Exchange)
Severity 3 (Informational)

## PR21

**Message**
Job failed.

**Detailed Description**
The specified job did not complete successfully.

**Recommended Response**
Check the Lifecycle Log for more details associated with this failure then retry the operation.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

---

### iDRAC
✔

### CMC

---

### PR22

**Message**
Preparing new job.

**Detailed Description**
This is the initial job status value when a job is created. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response**
No response action is required.

---

### iDRAC
✔

### CMC
**PR23**

**Message**
Job is ready for execution.

**Detailed Description**
The specified job is ready to start. It is waiting for scheduling from job control. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

**PR24**

**Message**
Job cancelled.

**Detailed Description**
The specified job was cancelled. This could be due to user action or system error. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.
Recommended Response Action

No response action is required.

Category

Configuration (PR = Part Exchange)

Severity

Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC

CMC

PR25

Message

Missing or corrupt configuration database.

Detailed Description

The systems configuration database is missing or is unreadable. This may be due to a user action such as Lifecycle Controller Wipe or a replaced motherboard.

Recommended Response Action

Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.

Category

Configuration (PR = Part Exchange)

Severity

Severity 1 (Critical)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC

CMC

PR26

Message

Missing or corrupt job information.
### Detailed Description
The configuration data associated with the specified job could not be located.

### Recommended Response
Retry the operation. If this issue persists, contact technical support.

### Category
Configuration (PR = Part Exchange)

### Severity
Severity 2 (Warning)

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### System Log Filters

- **PR27**

#### Message
Unable to allocate resources.

#### Detailed Description
The system ran out of memory while attempting to perform an operation. This has been deprecated.

#### Recommended Response
Retry the operation. If more than one operation was attempted retry them one at a time.

#### Category
Configuration (PR = Part Exchange)

#### Severity
Severity 1 (Critical)

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### System Log Filters
**PR28**

**Message**
Unable to locate device in current configuration.

**Detailed Description**
The device that the job was intended for is no longer detected. This could be due to the device being removed, disabled, or a failure.

**Recommended Response**
If the device was removed, reinsert the device and retry the operation. If the device was disabled, re-enable the device and retry the operation.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

### Filter Visibility
- **iDRAC**
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Alert
  - WS Eventing

- **CMC**

---

### Log Visibility
- **iDRAC**
  - LC Log
  - LCD
  - OS Log
  - Power Off
  - Power Cycle
  - Reset
  - Chassis Event Proxy

- **CMC**

---

**PR29**

**Message**
Unable to locate device in previous configuration.

**Detailed Description**
The device that the job was intended for has no previous information recorded. The request has failed as this information is required to initiate the operation. This has been deprecated.

**Recommended Response**
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

---

### Filter Visibility
- **iDRAC**
  - IPMI Alert
  - SNMP Alert
  - Email Alert
  - Remote System Alert
  - WS Eventing

- **CMC**

---

1015
**PR3**

**Message**
Newer version of firmware found on device: `arg1`

**Arguments**
`arg1` = device name

**Detailed Description**
The current component firmware version is higher than the replaced component firmware version.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

**PR30**

**Message**
Job processing initialization failure.

**Detailed Description**
Operation validation was unsuccessful. The command, target and operation data are all validated before proceeding. If any of them are missing or incorrect the request is failed.

**Recommended Response Action**
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. After the system has restarted, retry the operation.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)
PR31

Message: Job completed with errors.
Detailed Description: All the tasks in the Job were attempted, but some did not complete successfully.
Recommended Response: Check the Lifecycle Log for more details associated with this warning then retry the operation if appropriate.
Category: Configuration (PR = Part Exchange)
Severity: Severity 2 (Warning)

PR32

Message: Failed verification of configuration changes.
Detailed Description: The configuration changes requested, for the indicated job, have not passed the device specific verification check and will not be applied.
Recommended Response: Check the scripts or company documentation and try again
Category: Configuration (PR = Part Exchange)
Severity: Severity 2 (Warning)
**Message**
Motherboard replacement detected.

**Detailed Description**
The platform system motherboard was replaced.

**Recommended Response**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)
## PR35

**Message**
Power Supply slot arg1 firmware update will be performed during next system reboot.

**Arguments**
arg1 = PS slot number

**Detailed Description**
The Part Replacement feature has detected a firmware difference for the power supply and will start the firmware update process upon system reboot.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

## PR36

**Message**
Version change detected for arg1 firmware. Previous version: arg2, Current version: arg3

**Arguments**
arg1 = device name, arg2 = previous version, arg3 = current version
### Detailed Description
The system has detected a different firmware version than previously recorded for the indicated device. This may be due to a firmware update, rollback, or part replacement.

### Recommended Response Action
No response action is required.

### Category
Configuration (PR = Part Exchange)

### Severity
Severity 3 (Informational)

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### PR4

**Message**
Older version of firmware found on device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The current component firmware version is lower than the previous component firmware version.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

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## PR5

**Message**
The configuration values stored for the previous device could not be applied to device: \textit{arg1}

**Arguments**
\textit{arg1} = device name

**Detailed Description**
Some or all configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

**Recommended Response Action**
Check the devices configuration and ensure that the new configuration is correct for the system.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

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## PR6

**Message**
Configuration changes successfully applied to device: \textit{arg1}

**Arguments**
\textit{arg1} = device name

**Detailed Description**
The configuration values stored for the previous device were applied to the current device.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

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</table>
**PR7**

**Message**
New device detected: \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The specified device was added to the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

**PR8**

**Message**
Device not detected: \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The indicated device has been removed from the system, is no longer functioning, or has been disabled.

**Recommended Response Action**
If the part is present, make sure it is properly installed. Ensure that the device has not been disabled in the system BIOS or other configuration utility. Contact technical support if the device is still non functional.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)
### Firmware update operation initiated.

**Message**
Firmware update operation initiated.

**Detailed Description**
The Part Replacement feature started the firmware update process based on Part Firmware Update attribute settings.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
--- | --- | --- | --- | --- | ---

**iDRAC** ✔

CMC

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | ---

**iDRAC** ✔

CMC

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1023
PST Event Messages

PST0000

Message
Unrecognized Post Code.

Detailed Description
The BIOS provided a progress code to the iDRAC, but that progress code is not recognized by the current iDRAC firmware.

Recommended Response Action
Do one of the following: 1) Update the iDRAC firmware. 2) Restart the system and retry the operation. If the issue persists, contact your service provider.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Unrecognized Post Code.

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PST0001

Message
System Power On.

Detailed Description
System BIOS detected the system is turned on.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
System Power On.

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**PST0002**

**Message**
CPU Microcode load.

**Detailed Description**
System BIOS has started loading the processor microcode.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
CPU Microcode load.

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**PST0003**

**Message**
Chipset Initialization.

**Detailed Description**
System BIOS has started chipset initialization.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Started chipset initialization.
Memory Configuration.

System BIOS has started memory configuration.

No response action is required.

System Health (PST = BIOS POST)

Severity 3 (Informational)

Memory configuration started.

Shadow BIOS.

System BIOS has started copying image from flash to system memory.

No response action is required.

System Health (PST = BIOS POST)
Severity 3 (Informational)

LCD Message
Shadow BIOS operation started.

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**PST0006**

Message
Multiprocessor Initialization.

Detailed Description
System BIOS has started initialization multiprocessor support.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Started multiprocessor initialization.

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**PST0007**

Message
POST processing start.

Detailed Description
System BIOS has started power on self test.
Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: Started power on self test (POST).

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔ | ✔ | |
CMC | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | 
CMC | |

PST0008

Message: System Management Mode (SMM) initialization.

Detailed Description: System BIOS has started System Management Mode (SMM) initialization.

Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: System Management Mode (SMM) initialization.

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | | |
CMC | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | | | | | | 
CMC | | | | | |
PST0009

Message: PCI bus enumeration & video initialization.
Detailed Description: System BIOS has started PCI bus enumeration and video initialization.
Recommended Response: No response action is required.
Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
LCD Message: PCI bus enumeration & video initialization.

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

- iDRAC: ✔ ✔
- CMC:

LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

iDRAC
CMC

PST0010

Message: iDRAC is ready.
Detailed Description: The iDRAC initialization is completed.
Recommended Response: No response action is required.
Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
LCD Message: iDRAC initialization completed.

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

- iDRAC: ✔ ✔
- CMC:
### PST0011

**Message**: Extended Memory test started.

**Detailed Description**: System started extended memory test.

**Recommended Response Action**: No response action is required.

**Category**: System Health (PST = BIOS POST)

**Severity**: Severity 3 (Informational)

**LCD Message**: Extended memory test started.

<table>
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<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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### PST0012

**Message**: Extended Memory test running \ 

**Detailed Description**: System extended memory test in progress.

**Recommended Response Action**: No response action is required.

**Category**: System Health (PST = BIOS POST)

**Severity**: Severity 3 (Informational)

**LCD Message**: Extended Memory test running \ 

1030
## PST0013

**Message**
Extended Memory test running /

**Detailed Description**
System extended memory test in progress.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Extended Memory test running /

---

## PST0014

**Message**
Extended Memory test completed.

**Detailed Description**
System completed extended memory test.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)
Severity 3 (Informational)

Extended Memory test completed.

**PST0064**

**Message**
Display sign-on.

**Detailed Description**
System BIOS is displaying power on splash screen.

**Recommended Response**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Display sign-on.

**PST0065**

**Message**
PCI configuration.

**Detailed Description**
System BIOS is configuring PCI devices.
**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
PCI configuration.

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔ ✔
**CMC**

**LC Log**
- LC
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC**
**CMC**

---

**PST0080**

**Message**
An issue was detected. System at boot F1/F2 prompt. Requires entry to continue.

**Detailed Description**
System is at the F1/F2 prompt because the system BIOS detected an issue other than "No bootable devices".

**Recommended Response Action**
Check post display screen for details. Press F1 to continue boot, or press F2 to go to setup.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 2 (Warning)

**LCD Message**
System BIOS at F1/F2 prompt.

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔ ✔
**CMC**

**LC Log**
- LC
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC**
**CMC**
PST0081

Message
No bootable devices.

Detailed Description
System is at F1/F2 prompt because the system BIOS was unable to detect a bootable device.

Recommended Response Action
Make sure a bootable device is attached to the system and enabled in BIOS setup. If device is attached and enabled, remove and reapply power to server. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

LCD Message
No bootable devices found. Check bootable devices.

---

PST0082

Message
In BIOS Setup Menu.

Detailed Description
System is at the BIOS Setup Menu.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
In BIOS Setup Menu.

---

1034
**PST0083**

**Message**
In BIOS Boot Menu.

**Detailed Description**
System is at the BIOS Boot Menu.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
In BIOS Boot Menu.

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**PST0084**

**Message**
Automated Task application.

**Detailed Description**
System started the Automated Task application.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Automated Task application.
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**PST0085**

**Message**  
Performing CSIOR.

**Detailed Description**  
System is performing CSIOR (Collect System Inventory on Restart).

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Performing CSIOR.

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**PST0086**

**Message**  
In Lifecycle Controller.

**Detailed Description**  
System BIOS has launched the Lifecycle Controller user interface.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)

LCD Message: Initializing iDRAC.

Detailed Description: System BIOS is preparing to boot the system.

Recommended Response: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: Initializing iDRAC
Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Preparing to Boot.

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PST0089

Message
A problem was detected during Power-On Self-Test (POST).

Detailed Description
A problem was detected during Power-On Self-Test (POST). The next logged message contains more specific details for the detected issue.

Recommended Response Action
Review the next logged message for the recommended response action to resolve the problem.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

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PST0090

Message
A problem was detected related to the previous server boot.
A problem was detected related to the previous server boot. The next logged message contains more specific details for the detected issue.

Review the next logged message for the recommended response action to resolve the problem.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

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**PST0091**

A problem was detected in Memory Reference Code (MRC).

Review the next logged message for the recommended response action to resolve the problem.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

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PST0126

Message: Giving control to UEFI aware OS.
Detailed Description: System is currently booting to an UEFI compatible operating system. No more POST codes will be generated in this boot sequence.
Recommended Response: No response action is required.
Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
LCD Message: Giving control to UEFI aware OS.

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PST0127

Message: Giving control to OS.
Detailed Description: System BIOS gave control to the operating system.
Recommended Response: No response action is required.
Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
LCD Message: Giving control to OS.

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iDRAC
CMC

**PST0128**

**Message**
No memory is detected.

**Detailed Description**
System BIOS was unable to detect memory in the system. This exception occurred early in system power on, thus the system may not display video (BIOS Post Exception 80).

**Recommended Response**
Inspect System Memory.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
No memory is detected. Inspect memory devices

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**PST0129**

**Message**
Memory is detected, but is not configurable.

**Detailed Description**
System BIOS detected memory, but was unable to configure the memory for system operation. Compare system memory installation to supported system memory configurations. Reduce the system to minimum memory configuration if acceptable. This exception occurred early in system power on, thus the system may not display video (BIOS POST Exception Code 81).

**Recommended Response**
Compare system memory installation to supported system memory configurations.

**Category**
System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)

Trap/EventID: 2425

LCD Message: Memory is detected, but is not configurable. Check memory devices

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PST0130

Message: Memory is configured, but not usable.

Detailed Description: During memory configuration system BIOS encountered device failures or speed configurations that resulted in unused memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 82)

Recommended Response: Remove input power. Reseat memory devices or reduce system to minimum supported memory configuration.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

Trap/EventID: 2425

LCD Message: Memory is configured, but not usable. Check memory devices

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PST0131

Message: System BIOS shadow failed.
Detailed Description: Memory errors occurred copying BIOS image into system memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 83)
Recommended Response: Remove input power. Reduce system memory to minimum configuration and apply input power.

Category: System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)

LCD Message: System BIOS shadow failed. Check memory devices

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔ *
CMC

PST0132

Message: CMOS failed.
Detailed Description: System BIOS detected a failure with CMOS memory during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 84)
Recommended Response: Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)
Trap/EventID: 2425

LCD Message: CMOS failed. Power cycle system
**PST0133**

**Message**
DMA controller failed.

**Detailed Description**
System BIOS detected a failure with the DMA controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 85)

**Recommended Response Action**
Remove and reapply input power.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
DMA controller failed. Power cycle system

---

**PST0134**

**Message**
Interrupt controller failed.

**Detailed Description**
System BIOS detected a failure with the interrupt controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 86)
Recommended Response Action
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Interrupt controller failed. Power cycle system

---

**PST0135**

**Message**
Timer refresh failed.

**Detailed Description**
System BIOS detected a timer refresh failure during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 87).

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Timer refresh failed. Power cycle system
PST0136

Message
Programmable interval timer error.

Detailed Description
System BIOS detected an failure with the programmable interval timer during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 88)

Recommended Response
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Programmable interval timer error. Power cycle system

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PST0137

Message
Parity error.

Detailed Description
System BIOS detected a parity error during post. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 89)

Recommended Response
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Parity error. Power cycle system
PST0138

Message
SuperIO failed.

Detailed Description
System BIOS detected a failure with the SIO. This exception occurred early in system power on, thus the system may not display video. (BIOS POST code exception code 8A)

Recommended Response
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
SuperIO failure. Power cycle system

PST0139

Message
Keyboard controller failed.

Detailed Description
System BIOS detected a failure with the Keyboard Controller. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8B)
**Recommended Response Action**

Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

Keyboard controller failed. Power cycle system

---

**PST0140**

**Message**

System management interrupt initialization failed.

**Detailed Description**

System BIOS failed to initialize the system management interrupt. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8C)

**Recommended Response Action**

Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

SMI initialization failed. Power cycle system
PST0141

Message: QuickPath Interconnect (QPI) fatal error.

Detailed Description: Quick Path Interconnect failed during system POST. Reboot the system. If problem persists, remove input power and reseat processors. This exception occurred early in system power on, thus the system may not display video.

Recommended Response: Reboot the system. If problem persists, remove input power and reseat processors.

Category: System Health (PST = BIOS POST)

Severity: Severity 1 (Critical)

Trap/EventID: 2425

LCD Message: QuickPath Interconnect (QPI) fatal error. Contact support

Filter Visibility

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CMC

LC Log LC LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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Intel Trusted Execution Technology (TXT) fatal error.

**Detailed Description**
TXT boot failed. This could be related to memory errors or an error with the system TXT configuration. A socketed TPM module may have been removed. This exception occurred early in system power on, thus the system may not display video.

**Recommended Response**
Check TPM presence. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Intel Trusted Execution Technology (TXT) fatal error. Contact support
Recommended Response Action

Remove and reapply power to server. If the problem persists, contact your server provider. Refer to the product documentation to choose a convenient contact method.

Category

System Health (PST = BIOS POST)

Severity

Severity 1 (Critical)

LCD Message

Unable to load required BIOS files.

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**PST0192**

Message

Shut-down test failed.

Detailed Description

System BIOS shutdown test failed during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C0).

Recommended Response Action

Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category

System Health (PST = BIOS POST)

Severity

Severity 1 (Critical)

Trap/EventID

2425

LCD Message

Shut-down test failed. Power cycle system

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1051
PST0193

Message          BIOS POST memory test failed.
Detailed Description          System BIOS POST memory test failed. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C1)
Recommended Response          Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration.
Action
Category          System Health (PST = BIOS POST)
Severity          Severity 1 (Critical)
Trap/EventID       2425
LCD Message       BIOS POST memory test failed. Check memory devices

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC  ✔  ✔  ✔  ✔  ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
iDRAC  ✔*  ✔
CMC

PST0194

Message          Remote access controller configuration failed.
Detailed Description          System BIOS could not configure the Remote Access controller This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C2)
Recommended Response          Cycle input power and power on the system. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Action
Category          System Health (PST = BIOS POST)
Severity          Severity 1 (Critical)
Trap/EventID       2425
LCD Message       Remote access controller configuration failed. Check screen message
CPU configuration failed. The current processor configuration is unsupported or encountered a fatal exception during POST. Check the processor configuration. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C3).

Recommended Response
Review system processor configuration and reduce the system to the minimum configuration.

Category System Health (PST = BIOS POST)
Severity Severity 1 (Critical)

Incorrect memory configuration. System BIOS detected an invalid memory population. Reinstall the memory to match the supported population. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code C4)
Recommended Response Action

Re-install memory to match supported memory configuration.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Incorrect memory configuration. Review User Guide

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**PST0208**

Message
System BIOS has halted.

Detailed Description
System BIOS has halted and is unable to continue.

Recommended Response Action
Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

LCD Message
System BIOS has halted. Check console for details.

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1054
**PST0209**

**Message**
System BIOS has halted due to Non-Maskable Interrupt (NMI).

**Detailed Description**
System BIOS has halted and is unable to continue. System BIOS has detected a Non-Maskable Interrupt (NMI) which may have been caused by a hardware change.

**Recommended Response**
Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**LCD Message**
System halted due to NMI: Check Console for Details

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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**iDRAC**
- ✔

**CMC**
- ✔

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**LC Log**
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

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**iDRAC**
- CMC

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**PST0254**

**Message**
General failure after video.

**Detailed Description**
System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code FE).

**Recommended Response**
Check system video and review event log for additional information.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
General failure after video. Check screen message
**PST0256**

**Message**  
POST fatal error detected.

**Detailed Description**  
System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details.

**Recommended Response**  
Check system video and review event log for additional information.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2425

**LCD Message**  
POST fatal error detected. Contact support
PSU Event Messages

PSU0000

Message
Power supply \textit{arg1} is present.

Arguments\n\textit{arg1} = number

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

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PSU0001

Message
Power supply \textit{arg1} failed.

Arguments\n\textit{arg1} = number

Detailed Description
None

Recommended Response
Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
PSU <number> failed. Check PSU
OMSA Event ID: 5300

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**PSU0002**

**Message**: A predictive failure detected on power supply $arg1$.

**Arguments**: $arg1 = number$

**Detailed Description**: System performance and power redundancy may be degraded or lost.

**Recommended Response**: Remove and re-install the power supply at the next service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**: System Health (PSU = Power Supply)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 2186

**LCD Message**: Predictive failure on PSU <number>. Check PSU

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**PSU0003**

**Message**: The power input for power supply $arg1$ is lost.

**Arguments**: $arg1 = number$
Detailed Description
The power supply is installed correctly but an input source is not connected or is not functional.

Recommended Response
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Power input for PSU <number> is lost. Check PSU cables

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**PSU0004**

Message
The power input for power supply arg1 is outside of range.

Arguments
arg1 = number

Detailed Description
The operating requirements for the power supply may be found in product documentation or on the power supply itself.

Recommended Response
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Power input for PSU <number> is outside of range. Check PSU cables

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</table>
**PSU0005**

**Message**
The power input for power supply \( \text{arg1} \) is outside of the allowable range, but it is attached to the system.

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
The operating requirements for the power supply may be found in product documentation or on the power supply itself.

**Recommended Response Action**
Verify the input power is within the operating requirements for the power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2186

**OMSA Event ID**
5353

**OMSA Trap ID**
5353

**PSU0006**

**Message**
Power supply \( \text{arg1} \) is incorrectly configured.

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
The power supply identified in the message must be supported by the platform. Generally, multiple power supplies in the server should have the same feature set and power rating.
Recommended Response
Review server product documentation for supported power supplies and power supply configurations.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Power supply <number> is incorrectly configured. Check PSU.

OMSA Event ID
5354

OMSA Trap ID
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**PSU0007**

Message
Power supply arg1 is operating at 110 volts, and could cause a circuit breaker fault.

Arguments
arg1 = number

Detailed Description
A power supply that is designed to operate at 220V, but is connected to a 110V power source requires additional current for operation. The additional current may trip circuit-breakers or cause other electrical issues with the input source.

Recommended Response
Check input power source and cabling. Use recommended input power. Review the product documentation. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

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</table>
**PSU0017**

**Message**  
Power supply \textit{arg1} is operating normally.

**Arguments**  
\textit{arg1} = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2187

**OMSA Event ID**  
5352

**OMSA Trap ID**  
5352

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**PSU0019**

**Message**  
The input power for power supply \textit{arg1} has been restored.

**Arguments**  
\textit{arg1} = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)

Trap/EventID: 2187

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| iDRAC              | ✔*         |          |             |                   |             |
| CMC                | ✔*         |          |             |                   |             |

PSU0022

Message: Power supply arg1 is correctly configured.
Arguments: arg1 = number
Detailed Description: None
Recommended Response: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Trap/EventID: 2187

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| iDRAC              | ✔*         |          |             |                   |             |
| CMC                | ✔*         |          |             |                   |             |

PSU0023

Message: Power supply arg1 operating at 110 volts has been acknowledged by user.
Arguments: arg1 = number
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

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**PSU0031**

Message
Cannot communicate with power supply arg1.

Arguments
arg1 = number

Detailed Description
The power supply may operate, however power supply monitoring will be degraded. System performance may be degraded.

Recommended Response Action
Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Cannot communicate with PSU <number>. Reseat PSU.
**PSU0032**

**Message**
The temperature for power supply \( \text{arg1} \) is in a warning range.

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Check the system operating environment, including airflow and inlet temperature.
Check system logs for temperature and thermal component failures.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2186

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**PSU0033**

**Message**
The temperature for power supply \( \text{arg1} \) is outside of range.

**Arguments**
\( \text{arg1} = \text{number} \)

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Check the system operating environment, including airflow and inlet temperature.
Check system logs for temperature and thermal component failures.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
PSU <number> temperature outside of range. Check PSU
PSU0034

Message: An under voltage fault detected on power supply arg1.

Arguments: arg1 = number

Detailed Description: This failure may be the result of an electrical issue with cables or subsystem components in the system.

Recommended Response: 1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Trap/EventID: 2185

LCD Message: An under voltage fault detected on PSU <number>. Check power source.

PSU0035

Message: An over voltage fault detected on power supply arg1.

Arguments: arg1 = number
PSU0036

Detailed Description
An over current fault detected on power supply arg1.

Arguments
arg1 = number

Detailed Description
This failure may be the result of an electrical issue with cables or subsystem components in the system.

Recommended Response Action
1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
An over current fault detected on PSU <number>. Check PSU.
PSU0037

Message: Fan failure detected on power supply arg1.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: Check for fan blockage. If not replace the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Trap/EventID: 2185

LCD Message: Fan failure detected on PSU <number>. Check PSU.

PSU0038

Message: Power supply arg1 fan is operating normally.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)
**PSU0039**

**Message**
An under current fault detected on power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
Insufficient amount of current to keep power supply operating at a normal levels.

**Recommended Response**
1) Remove and re-install the power supply input cord. 2) Check power distribution or PSU input source for anomalies. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Under current fault detected on PSU <number>. Check PSU.

**PSU0040**

**Message**
An output under voltage fault detected on power supply arg1.

**Arguments**
arg1 = number
The power supply output voltage is insufficient to keep system operating at a normal levels.

1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

System Health (PSU = Power Supply)

Severity 1 (Critical)

2185

Output under voltage fault detected on PSU <number>.

---

**PSU0041**

An output over voltage fault detected on power supply arg1.

arg1 = number

none

1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

System Health (PSU = Power Supply)

Severity 1 (Critical)

2185

Output over voltage fault on PSU <number>. Check PSU
PSU0042

Message
An output over current fault detected on power supply arg1.

Arguments
arg1 = number

Detailed Description
none

Recommended Response
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Output over current fault detected on PSU <number>. Check PSU.

PSU0043

Message
An output under current fault detected on power supply arg1.

Arguments
arg1 = number

Detailed Description
None

Recommended Response
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)
Trap/EventID: 2185
LCD Message: Output under current fault detected on PSU <number>. Check PSU.

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**PSU0044**

**Message**: Cannot obtain status information from power supply arg1.

**Arguments**: arg1 = number

**Detailed Description**: The power supply is operating but the system cannot get status information.

**Recommended Response**: If problem persist, remove and re-install power supply.

Category: System Health (PSU = Power Supply)
Severity: Severity 2 (Warning)
Trap/EventID: 2186

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PSU0045

Message  Power supply arg1 status information successfully obtained.
Arguments  arg1 = number
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PSU = Power Supply)
Severity  Severity 3 (Informational)
Trap/EventID  2187

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PSU0046

Message  Communication has been restored to power supply arg1.
Arguments  arg1 = number
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PSU = Power Supply)
Severity  Severity 3 (Informational)
Trap/EventID  2187
A power supply wattage mismatch is detected; power supply arg1 is rated for arg2 watts.

Arguments: arg1 = number, arg2 = value

Detailed Description: Power supplies should be of the same input type and power rating.

Recommended Response: Install matched power supplies and review product documentation for proper configuration.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Trap/EventID: 2185

LCD Message: PSU wattage mismatch; PSU <number> = <value> watts

Power supply arg1 vendor type mismatch detected.

Arguments: arg1 = number
Detailed Description
Power supplies should be of the same input type and power rating.

Recommended Response Action
Install matched power supplies and review product documentation for proper configuration.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

OMSA Event ID
5354

OMSA Trap ID
5354

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iDRAC ✔️
CMC ✔️

LC Log
OS Log
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Power Cycle
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Chassis Event Proxy

iDRAC ✔️
CMC ✔️

PSU0078

Message
Power supply arg1 revision mismatch detected.

Arguments
arg1 = number

Detailed Description
This power supply revision is not supported for this system.

Recommended Response Action
Review product documentation, change power supply with correct revision.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185

OMSA Event ID
5354

OMSA Trap ID
5354

Filter Visibility
IPMI Alert
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iDRAC ✔️
CMC ✔️
**PSU0080**

**Message**
Power supply arg1 voltage rating does not match the systems requirements.

**Arguments**
arg1 = number

**Detailed Description**
The system does not support mixed voltage power supplies.

**Recommended Response Action**
Review product documentation, change power supply with correct voltage rating.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**PSU0090**

**Message**
Power supply arg1 wattage mismatch corrected.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187
PSU0091

Message
Power supply unit arg1 rating exceeds the system power distribution limits.

Arguments
arg1 = PSU number

Detailed Description
The rating of the power supply unit identified in the message should not exceed system power distribution limits.

Recommended Response
Remove the power supply unit identified in the message and review server product documentation for appropriate configuration.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
2186

LCD Message
Power supply <number> exceeds power distribution limits. Remove PSU.

PSU0092

Message
Power supply unit arg1 rating is appropriate for the system power distribution limits.

Arguments
arg1 = PSU number
Detailed Description: The rating of the power supply unit identified in the message does not exceed system power distribution limits.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Trap/EventID: 2187

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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**PSU0800**

Message: Power Supply arg1 : Status = 0x arg2 , IOUT = 0x arg3 , VOUT = 0x arg4 , TEMP = 0x arg5 , FAN = 0x arg6 , INPUT = 0x arg7

Arguments: arg1 = PSU_name, arg2 = PSU_Status, arg3 = Output_Current, arg4 = Output_Voltage, arg5 = Temp, arg6 = Fan, arg7 = Input

Detailed Description: Lists the complete status of the power supply unit.

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

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PSU0801

Message: Power Supply arg1 : CRC error detected
Arguments: arg1 = PSU_Name
Detailed Description: The Power Supply had a CRC error detected
Recommended Response Action: Acquire the power supply firmware image and update the power supply indicated in the message.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)

PSU0802

Message: The power supply redundancy policy on the system has been set.
Detailed Description: The power supply redundancy policy on the system has been set.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
PSU0803

Message: Insufficient power in chassis to power on server.
Detailed Description: Insufficient power in chassis to power on server.
Recommended Response Action: Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, retry the operation.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)

PSU0900

Message: Power unit arg1 is off.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
PSU0901

Message: Power unit arg1 is on.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)

PSU0902

Message: Power unit arg1 was power cycled.
Arguments: arg1 = number
Detailed Description: None
**Recommended Response Action**

No response action is required.

**Category**

System Health (PSU = Power Supply)

**Severity**

Severity 3 (Informational)

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**iDRAC**

**CMC**

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**PSU0904**

**Message**

Could not power down 240VA on power unit arg1.

**Arguments**

arg1 = number

**Detailed Description**

In order to meet service requirements the supply must be shut down.

**Recommended Response Action**

Remove input power at the power supply.

**Category**

System Health (PSU = Power Supply)

**Severity**

Severity 1 (Critical)

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**iDRAC**

✔*

**CMC**

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**PSU0906**

**Message**

An interlock power down error detected on power unit arg1.
Arguments: $arg1 = \text{number}$

Detailed Description: In order to meet service requirements the supply must be shut down.

Recommended Response Action: Remove input power at the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

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**PSU0907**

Message: An interlock power down error was corrected for power unit $arg1$.

Arguments: $arg1 = \text{number}$

Detailed Description: None

Recommended Response Action: Remove input power at the power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

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1083
PSU0908

**Message**
Power lost on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
The power supply is installed correctly but an input source is not connected or is not functional.

**Recommended Response**
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

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PSU0909

**Message**
Power restored on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)
PSU0910

Message: Soft power control failure detected on power unit arg1.
Arguments: arg1 = number
Detailed Description: The system did not respond correctly to a power down request.
Recommended Response Action: Disconnect Input Power
Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)

PSU0911

Message: Soft power control restored on power unit arg1.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
PSU0912

Message: A failure detected on power unit arg1.

Arguments: arg1 = number

Detailed Description: Status from the power supply indicates a power supply exception occurred. The power supply will try to operate in a degraded state. System Performance and power redundancy may be degraded or lost.

Recommended Action: Check input power. Re-install the power supply. If problem persists contact support.

Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)

OMSA Event ID: 5354
OMSA Trap ID: 5354

PSU0913

Message: Power unit arg1 is operating normally.
Arguments: \( \text{arg}1 = \text{number} \)

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

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**PSU0914**

Message: A predictive failure detected on power unit \( \text{arg}1 \).

Arguments: \( \text{arg}1 = \text{number} \)

Detailed Description: Status from the power supply indicates a power supply exception occurred. The power supply will try to operate. System Performance and power redundancy may be degraded or lost.

Recommended Response Action: Remove input power and re-install supply at the next service window.

Category: System Health (PSU = Power Supply)

Severity: Severity 2 (Warning)

OMSA Event ID: 5353

OMSA Trap ID: 5353

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</table>
Power supply arg1 is offline.

Power supply cable has been removed from arg1.
Severity: Severity 2 (Warning)
Trap/EventID: 4234
OMSA Event ID: 2312;2313
OMSA Trap ID: 100300

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**PSU1001**

**Message**: `arg1` has failed.
**Arguments**: `arg1` = PSU Sensor Name
**Detailed Description**: The enclosure detected that a power supply unit has failed.
**Recommended Response Action**: Check for other messages related to the state of the power supply unit/enclosure. These may help determine the cause of this event. Contact technical support if the issue still persists.
**Category**: Storage (PSU = Power Supply)
**Severity**: Severity 1 (Critical)
**Trap/EventID**: 4233

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PSU1002

Message  
arg1 was removed

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The enclosure detected that a power supply unit was removed and is no longer functioning in optimal condition.

Recommended Response  
Re-insert the power supply unit into the enclosure. Re-connect the AC power cable and switch on the power supply unit. Contact technical support if the issue persists.

Category  
Storage (PSU = Power Supply)

Severity  
Severity 1 (Critical)

Trap/EventID  
4233

OMSA Event ID  
2324

OMSA Trap ID  
100400

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PSU1003

Message  
arg1 is switched OFF.

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The power supply is not providing any power. This may be because the power supply switch is in the off position or the power supply has failed.

Recommended Response  
Check whether the power switch on the power supply unit is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. See the storage hardware documentation for more information.

Category  
Storage (PSU = Power Supply)

Severity  
Severity 2 (Warning)

Trap/EventID  
4234
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**PSU1004**

**Message**
Power supply cable has been inserted into arg1.

**Arguments**

*arg1* = PSU Sensor Name

**Detailed Description**
The enclosure detected that AC power supply was restored to the power supply unit.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4235

**OMSA Event ID**
2325

**OMSA Trap ID**
100100

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**PSU1005**

**Message**
arg1 is switched on.

** Arguments**

*arg1* = PSU sensor name
Detailed Description
The enclosure detected that a power supply unit was switched on.

Recommended Response Action
No response action is required.

Category Storage (PSU = Power Supply)
Severity Severity 3 (Informational)
Trap/EventID 4235

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PSU1006

Message arg1 was inserted.
Arguments arg1 = PSU sensor name
Detailed Description The enclosure detected that a power supply unit was inserted.
Recommended Response Action No response action is required.
Category Storage (PSU = Power Supply)
Severity Severity 3 (Informational)
Trap/EventID 4235

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1092
**PSU1007**

**Message**
`arg1` has failed.

**Arguments**
`arg1` = PSU Sensor Name

**Detailed Description**
A device has been failed and the system is no longer functioning in optimal condition.

**Recommended Response Action**
Replace the device.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4233

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**PSU101**

**Message**
Power supply `arg1` is not present.

**Arguments**
`arg1` = power supply unit

**Detailed Description**
The power supply unit identified in the message is not present, because of the one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit. 4) Restore the input power supply.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5352

**OMSA Trap ID**
5352
**PSU1010**

**Message**
The DC power supply is switched off.

**Detailed Description**
The power supply unit is switched off. Either you have switched off the power supply unit or it is defective.

**Recommended Response**
Check to see whether the power switch is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. If the problem continues or if the power switch is already turned on, then replace the power supply unit.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4233

---

**PSU102**

**Message**
Power supply arg1 status is unknown.

**Arguments**
arg1 = power supply unit

**Detailed Description**
The status of the power supply unit identified in the message is unknown, because of one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.
### PSU1050

**Message**

`arg1` is switched ON.

**Arguments**

`arg1` = power supply name

**Detailed Description**

The power supply identified in the message is switched ON.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PSU = Power Supply)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

2323

**OMSA Trap ID**

100100

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Do one of the following to resolve the issue:
1. Reseat the power supply unit.
2. Reconnect the power cable to the power supply unit.
3. Install a new power supply unit.
4. Restore the input power supply.

**Category**

System Health (PSU = Power Supply)

**Severity**

Severity 2 (Warning)

**OMSA Event ID**

5351

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1095
PSU500

**Message**
Unable to get the current server power status.

**Detailed Description**
Racadm tool cannot obtain the power status possible reason is that the IPMI call failed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

PSU501

**Message**
Server is already powered ON.

**Detailed Description**
The server was already up, when the user gave a power on request.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

PSU502

**Message**
Server is already powered OFF.

**Detailed Description**
The server was already down, when the user gave a power off request.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
PSU503
Message: Server power status: arg1
Arguments: arg1 = Status
Detailed Description: Success message.
Recommended Response: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

PSU504
Message: Server power operation successful
Detailed Description: Success message.
Recommended Response: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

PSU8501
Message: Unable to retrieve PSU arg1 input voltage information.
Arguments: arg1 = slot number
Detailed Description: Unable to retrieve input voltage information for the PSU specified in the message.
Recommended Response: Remove the PSU from the chassis, wait for two minutes, and reinsert it. If the issue persists, contact your service provider.
Category: Audit (PSU = Power Supply)
Severity: Severity 2 (Warning)
PSU8502

Message
The PSU in slot arg1 detected 110 VAC input voltage and does not match chassis configuration.

Arguments
arg1 = slot number

Detailed Description
The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.

Recommended Response
Do the following: 1) Check the power configuration “Allow 110 VAC Operation” setting and make sure it is enabled. 2) Check if the input voltage of all the PSUs are the same. 3) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)

PSU8503

Message
The PSU in slot arg1 detected 220 VAC input voltage and does not match chassis configuration.

Arguments
arg1 = slot number

Detailed Description
The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.
Do the following: 1) Check if the input voltage of all the PSUs are the same. 2) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

Audit (PSU = Power Supply)

Severity 2 (Warning)

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**PSU8504**

The Allow 110 VAC Operation overload risk is not acknowledged.

Selecting the Allow 110 VAC Operation involves potential risk that an overload can occur. The overload risk was not acknowledged in the CMC Web interface when the selection was made.

Select the Allow 110 VAC Operation and accept the subsequent dialog that acknowledges the overload risk.

Audit (PSU = Power Supply)

Severity 3 (Informational)

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**PSU8505**

Unable to set the chassis redundancy policy to AC Redundancy.
Unable to set the chassis redundancy policy to AC Redundancy.

Retry the operation using the CMC command line interface or CMC Web interface.
To set the chassis redundancy policy using the command line, enter "racadm config -g cfgChassisPower -o cfgChassisRedundancyPolicy 1". To configure the chassis redundancy policy using the Web interface, click Chassis Overview > Power > Configuration. From the Redundancy drop-down menu, select AC Redundancy.

Audit (PSU = Power Supply)
Severity 1 (Critical)
8329

Unable to change power cap because Server Based Power Management Mode is enabled.
When the Server Power Management mode is enabled the Power cap cannot be set.
To enable the ability to set the power cap, switch to external Power Management and disable the Server Based Management Mode in the CMC Web interface.
Audit (PSU = Power Supply)
Severity 2 (Warning)
8506

1100
PSU8507

Message
Insufficient power available because PSU in the slot arg1 is not present.

Arguments
arg1 = slot number

Detailed Description
The PSU identified in the message has been disengaged or removed. Insufficient power is available.

Recommended Response
Insert a PSU in the slot identified in the message.

Category
Audit (PSU = Power Supply)

Severity
Severity 3 (Informational)

---

PSU8508

Message
arg1, PSU arg2 firmware update is in progress.

Arguments
arg1 = error string, arg2 = slot number

Detailed Description
Unable to set the Power configuration because the PSU firmware update is in progress.

Recommended Response
Retry the operation after the PSU firmware update is completed.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)
PSU8510

Message: PSU in slot *arg1* FW updated successfully to version *arg2*

Arguments: *arg1* = slot number, *arg2* = version number

Detailed Description: The firmware for the PSU identified in the message is successfully updated to the version displayed in the message.

Recommended Response Action: No response action is required.

Category: Audit (PSU = Power Supply)

Severity: Severity 3 (Informational)

PSU8511

Message: Successfully updated the firmware for the PSU in slot *arg1*.

Arguments: *arg1* = slot number

Detailed Description: The firmware for the PSU identified in the message was successfully updated.

Recommended Response Action: No response action is required.

Category: Audit (PSU = Power Supply)

Severity: Severity 3 (Informational)
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**PSU8512**

**Message**  
Unable to update the firmware for the PSU in slot arg1. Error=0x arg2 (arg3)

**Arguments**
arg1 = slot number, arg2 = error number, arg3 = error string

**Detailed Description**
The firmware update operation for the PSU identified in the message did not complete, because of internal communication errors.

**Recommended Response**
Retry the firmware update operation. If the issue persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8330

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</table>

**PSU8513**

**Message**  
Unable to complete the PSU slot arg1 firmware update. Error=0x arg2.

**Arguments**
arg1 = number, arg2 = error number

**Detailed Description**
Unable to update the PSU firmware due to PMBus communication errors.
Recommended Response
Retry the firmware update operation. If the problem persists, contact your service provider.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
8330

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

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</table>

PSU8515

Message
Unable to set the Enable Dynamic Power Supply Engagement attribute.

Detailed Description
Unable to set the Enable Dynamic Power Supply Engagement attribute.

Recommended Response
Do the following: 1) Retry the operation. 2) If the issue persists, review the tracelog for more details. To retrieve the tracelog, in the CMC Web interface, go to Troubleshooting > Diagnostics page and enter the “gettracelog” command, or use RACADM “gettracelog” command. If the issue continues to persist, contact your service provider and provide the tracelog.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

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</table>

iDRAC ✔
CMC ✔
PSU8516

Message
Unable to set redundancy policy because PSU enumeration is in progress.

Detailed Description
Unable to set redundancy policy because PSU enumeration is in progress. The policy can be set after PSU enumeration is complete.

Recommended Response
Retry the operation after the PSU enumeration is complete.

Category
Audit (PSU = Power Supply)

Severity
Severity 3 (Informational)

PSU8517

Message
PSU redundancy policy changed.

Detailed Description
The operation to change the PSU redundancy policy is complete.

Recommended Response
No response action is required.

Category
Audit (PSU = Power Supply)

Severity
Severity 3 (Informational)
### PSU8518

**Message**
Unable to access the PSU `arg1` FRU data.

**Arguments**
`arg1` = slot number

**Detailed Description**
The operation to read the FRU data from the PSU identified in the message did not complete successfully due to internal communication errors.

**Recommended Response**
Retry the operation. If the condition persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8329

---

**Filter Visibility**
- iDRAC ✔ *
- CMC ✔ *

**IPMI Alert**
- ✔ *

**SNMP Alert**
- ✔ *

**Email Alert**
- ✔ *

**Remote System Log**
- ✔ *

**WS Eventing**
- ✔ *

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**LC Log**
- ✔ *

**LCD**
- ✔ *

**OS Log**
- ✔ *

**Power Off**
- ✔ *

**Power Cycle**
- ✔ *

**Reset**
- ✔ *

**Chassis Event Proxy**
- ✔ *

---

### PSU8519

**Message**
Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended.

**Detailed Description**
The Dynamic Power Supply Engagement (DPSE) feature is suspended due to the configuration or the type of PSU present. The feature is enabled, but suspended until a supported PSU configuration is in place.

**Recommended Response**
Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration. Verify the PSUs are supported. Replace the unsupported PSUs.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

---

1106
PSU8520

Message: Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported.
Detailed Description: The Dynamic Power Supply Engagement feature is supported and fully operational.
Recommended Response Action: No response action is required.
Category: Audit (PSU = Power Supply)
Severity: Severity 3 (Informational)

PSU8521

Message: PSU arg1 exceeded upper temperature threshold and has been turned off.
Arguments: arg1 = slotnum
Detailed Description: The power supply unit (PSU) identified in the message was turned off because the temperature exceeded the high temperature threshold in the unit.
Recommended Response Action: Remove and reinsert the PSU or remove AC power and reapply power to the PSU to get it functional again.
Category: Audit (PSU = Power Supply)
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Severity: Severity 1 (Critical)
Trap/EventID: 8329
**PSUA Event Messages**

**PSUA0016**

**Message**  
Power supply `arg1` is absent.

**Arguments**  
`arg1 = number`

**Detailed Description**  
The supply has been removed or has failed.

**Recommended Response Action**  
Install the power supply if needed.

**Category**  
System Health (PSUA = PSU Absent)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2465

**LCD Message**  
PSU <number> is absent. Check PSU

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1109
# PWR Event Messages

## PWR0100

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<th>The power button was pressed.</th>
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<td>Detailed Description</td>
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<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (PWR = Power Usage)</td>
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<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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## PWR0101

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<tr>
<td>Detailed Description</td>
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<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (PWR = Power Usage)</td>
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</table>

1110
### PWR0102

**Message**: The sleep button was pressed.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (PWR = Power Usage)

**Severity**: Severity 3 (Informational)

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<tr>
<td>CMC</td>
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</table>

### PWR0103

**Message**: The sleep button was released.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (PWR = Power Usage)

**Severity**: Severity 3 (Informational)

<table>
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<tr>
<td>CMC</td>
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</tbody>
</table>
### PWR0104

**Message**
The reset button was pressed.

**Detailed Description**
The system will reset.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

<table>
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### PWR0105

**Message**
The reset button was released.

**Detailed Description**
The system will reset.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

<table>
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</table>
PWR0106

Message: The arg1 is latched.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)

PWR0107

Message: The arg1 is unlatched.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)


### PWR0108

**Message**
The arg1 service was requested.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

---

### PWR0109

**Message**
The arg1 service has completed.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

---
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)

### PWR1000

**Message:** The system performance restored.

**Detailed Description:** None

**Recommended Response Action:** No response action is required.

**Category:** System Health (PWR = Power Usage)

**Severity:** Severity 3 (Informational)

**Trap/EventID:** 2275

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### PWR1001

**Message:** The system performance degraded.

**Detailed Description:** To avoid shutdown, system performance has been degraded.

**Category:** System Health (PWR = Power Usage)

**Severity:** Severity 3 (Informational)

**Trap/EventID:** 1115

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### iDRAC

- ✔

### CMC

- ✔

### LC Log

- ✔

### LCD

- ✔

### Power Off

- ✔

### Power Cycle

- ✔

### Reset

- ✔

### Chassis Event Proxy

- ✔
**Recommended Response Action**

- **Category**: System Health (PWR = Power Usage)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 2274
- **LCD Message**: System performance degraded. Check PSUs and system configuration

<table>
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**PWR1002**

**Message**: The system performance degraded because of thermal protection.

**Detailed Description**: To avoid shutdown, system performance has been degraded.

**Recommended Response Action**

- **Category**: System Health (PWR = Power Usage)
- **Severity**: Severity 2 (Warning)
- **Trap/EventID**: 2274

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PWR1003

Message
The system performance degraded because cooling capacity has changed.

Detailed Description
To avoid shutdown, system performance has been degraded.

Recommended Response
If unintended, review system configuration changes and thermal policy.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

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PWR1004

Message
The system performance degraded because power capacity has changed.

Detailed Description
To avoid shutdown, system performance has been degraded.

Recommended Response
If unintended, review system configuration changes and power policy.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

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### PWR1005

**Message**
The system performance degraded because of user-defined power capacity has changed.

**Detailed Description**
To avoid exceeding the user defined capacity, system performance has been degraded.

**Recommended Response**
If unintended, review system configuration changes and power policy.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

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### PWR1006

**Message**
The system halted because system power exceeds capacity.

**Detailed Description**
The system may shutdown.

**Recommended Response**
Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**LCD Message**
System power exceeds capacity. System halted. Contact support
### PWR1007

**Message**
The system performance degraded because power exceeds capacity.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response**
Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

**LCD Message**
System power exceeds capacity. Performance degraded. Check PSU configuration

### PWR1008

**Message**
The system performance degraded because power draw exceeds the power threshold.

**Detailed Description**
To avoid shutdown, system performance has been degraded.
**Recommended Response Action**

Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**LCD Message**
System power exceeds threshold. Performance degraded. Check PSU configuration

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**PWR1009**

**Message**
System power capacity is restored.

**Detailed Description**
System power capacity is restored.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2275

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# PWR200

**Message**

Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature.

**Detailed Description**

Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature. MPCM forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

**Recommended Response Action**

No response action required.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 2 (Warning)

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# PWR2000

**Message**

The system powered up.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

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### PWR2001

**Message**  
The system hard reset.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR2002

**Message**  
The system warm reset.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR2003

**Message**  
User requested a PXE boot.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR2004

**Message**  
System booted automatically into diagnostics.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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PWR2005

Message: The OS run-time software initiated a hard reset.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

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PWR2006

Message: The OS run-time software initiated a warm reset.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

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**LC Log**  
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### PWR2007

**Message**  
System restarted.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR201

**Message**  
Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode. Do you want to continue?

**Detailed Description**  
Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

---

1125
Enabling the Max Power Conservation Mode (MPCM) feature forces servers into a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

**Recommended Response Action**
No response action required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

---

Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled.

**Detailed Description**
The System Input Power Cap value cannot be set to less than or equal to 13300 W, because the Extended Power Performance feature is enabled.
**Recommended**
Enter a Power cap value greater than 13300 W, and then retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**PWR204**

**Message**
Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

**Detailed Description**
Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

**Recommended Response**
No response action required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**PWR205**

**Message**
The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.
The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.

Recommended Response
Disable Extended Power Performance and retry the operation.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

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PWR206

Message The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

Detailed Description The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

Recommended Response
Disable Extended Power Performance and retry the operation.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

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PWR207

Message
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

Detailed Description
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

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PWR209

Message
Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Detailed Description
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

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**PWR210**

**Message**  
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

**Detailed Description**  
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

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**PWR211**

**Message**  
Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled.

**Detailed Description**  
The Fresh Air (FA) mode cannot be set because the Extended Power Performance (EPP) feature is enabled.

**Recommended Response Action**  
No response action required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)
Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled.

Recommended Response
Disable the Max Power Conservation Mode and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)
### PWR216

**Message**
Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy.

**Detailed Description**
Unable to enable Extended Power Performance, because redundancy policy is set to Grid Redundancy or No Redundancy.

**Recommended Response**
Configure Redundancy Policy to Power Supply Redundancy and retry the operation. Using the CMC Web GUI, click Power > Configuration. From the Redundancy Policy drop-down menu, select Power Supply Redundancy.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

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### PWR218

**Message**
Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) the feature because the Fresh Air (FA) mode is enabled.
Recommended Response Action
No response action is required.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

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PWR219

Message The Extended Power Performance (EPP) feature cannot be enabled because the PSU in slot \textit{arg1} is not a 3000 W PSU.

Arguments \textit{arg1} = slot number

Detailed Description The Extended Power Performance (EPP) feature cannot be enabled because PSU in the slot identified in the message is not a 3000 W PSU.

Recommended Response Action In order to use the Extended Power Performance (EPP) feature, replace the PSU identified in the message with a 3000 W PSU.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

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PWR220

Message
The Extended Power Performance (EPP) feature cannot be enabled because slot \texttt{arg1} is empty.

Arguments \texttt{arg1} = slot number

Detailed Description
The Extended Power Performance (EPP) feature cannot be enabled because the slot identified in the message is empty.

Recommended Response
Insert an appropriate PSU in the slot identified in the message and retry the operation.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

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PWR2200

Message
The system is in the ON state.

Detailed Description
None

Recommended Response
No response action is required.

Category System Health (PWR = Power Usage)
Severity Severity 3 (Informational)

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### PWR2201

**Message**
The system is sleeping with system hardware and processor context maintained.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR2202

**Message**
The system is sleeping with lost processor context.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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PWR2203

Message  The system is sleeping with system hardware and processor context lost.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PWR = Power Usage)
Severity  Severity 3 (Informational)

PWR2204

Message  The system is in a non-volatile sleep state.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PWR = Power Usage)
Severity  Severity 3 (Informational)
### PWR2205

**Message**
The system is in a soft-off state.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR2207

**Message**
The system is in a mechanical off state.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR2208

**Message**  
The system is in a sleep state.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR2209

**Message**  
The system is in an undermined sleep state.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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### PWR221

**Message**
The Extended Power Performance (EPP) feature is already disabled.

**Detailed Description**
The Extended Power Performance (EPP) feature is already disabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

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### PWR2210

**Message**
The system was forced into a soft-off state.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)
PWR2211

Message: The system is in legacy ON state.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)

PWR2212

Message: The system is in legacy OFF state.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
The Extended Power Performance (EPP) feature is already enabled.

No response action is required.

System Health (PWR = Power Usage)

Severity 2 (Warning)

Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled.

Disable the Extended Power Performance (EPP) feature and retry the operation.

System Health (PWR = Power Usage)

Severity 2 (Warning)
Unable to turn on the server because the chassis infrastructure not ready.

**Detailed Description**
The server did not turn on because the chassis infrastructure is not ready. The chassis infrastructure includes: PCIe subsystem, storage components, and the chassis management controller.

**Recommended Response**
Check the status of the chassis infrastructure in the CMC Web or RACADM interface. Wait until the chassis infrastructure components are fully turned on.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)
Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

The server did not turn on because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

Check the release notes for the product and make sure to install compatible components in the server.

Audit (PWR = Power Usage)

Severity 2 (Warning)
Recommended Response Action
Install a PCI or Mezzanine card in the appropriate slot and retry the operation.

Category Audit (PWR = Power Usage)
Severity Severity 2 (Warning)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔
CMC

PWR2254

Message The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server.

Detailed Description The use of 110V is unacknowledged for the chassis and the chassis cannot grant power on permission to the server.

Recommended Response Action Check for unacknowledged use of 110V and change to acknowledged. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then check the 110V Acknowledge field. Retry the operation to turn on the server.

Category Audit (PWR = Power Usage)
Severity Severity 2 (Warning)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔
CMC

PWR2255

Message The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.
The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.

**Recommended Response Action**  
Disable the Max Power Conservation Mode on the chassis and retry the operation. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then uncheck the Max Power Conservation Mode field.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

---

**Message**  
Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components.

**Detailed Description**  
The chassis infrastructure components are being initialized and are not ready to grant power on permission to the servers.

**Recommended Response Action**  
Wait until the chassis infrastructure has been initialized and then retry the operation. To check that the infrastructure is initialized, using the RACADM command line utility run the command “racadm getmodinfo” and check that the “pwrstate” field is on for the chassis component.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

---

**Message**  
Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components.

**Detailed Description**  
The chassis infrastructure components are being initialized and are not ready to grant power on permission to the servers.

**Recommended Response Action**  
Wait until the chassis infrastructure has been initialized and then retry the operation. To check that the infrastructure is initialized, using the RACADM command line utility run the command “racadm getmodinfo” and check that the “pwrstate” field is on for the chassis component.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)
**PWR2257**

**Message**
The target power allocation override is arg1. The target power allocation (AC) is arg2 Watts.

**Arguments**
arg1 = override state, arg2 = target power

**Detailed Description**
The target power allocation override has been enabled or disabled as identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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**PWR2258**

**Message**
The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: arg1 %, Sleep Threshold: arg2 %.

**Arguments**
arg1 = wake threshold, arg2 = sleep threshold

**Detailed Description**
The Power Supply Unit (PSU) hotspare thresholds were modified to the Wake Threshold and Sleep Threshold identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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## PWR2260

**Message**
The Intel Management Engine is unresponsive and the server thermal failsafe state is activated.

**Detailed Description**
The iDRAC experienced an IPMB communication issue with the Intel Management Engine and was not able to recover IPMB communications. The server thermal failsafe state is activated.

**Recommended Response Action**
Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

### Filter Visibility

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## PWR2261

**Message**
Current Monitor initialization issue observed, IMON Revision arg1, CPLD IMON MFR Revision arg2.

**Arguments**

- **arg1** = current monitor revision number, **arg2** = CPLD revision number

**Detailed Description**
The iDRAC experienced an issue initializing the Current Monitor. The system motherboard may need replacement.

**Recommended Response Action**
Contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)
### PWR2262

**Message**  
The Intel Management Engine has reported an internal system error.

**Detailed Description**  
The Intel Management Engine is unable to utilize the PECI over DMI facility.

**Recommended Response Action**  
Look for the PWR2264 "normal system operation" message in the Lifecycle Log after the PWR2262 entry. It may take 30 seconds for the message to be logged. If the PWR2264 message does not appear, do the following: Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

### PWR2263

**Message**  
User ignored Power Supply Oversubscription Warning.

**Detailed Description**  
User continued after receiving power supply oversubscription warning (F1/F2).

**Recommended Response Action**  
No response action required.
The Intel Management Engine has reported normal system operation.

The Intel Management Engine has recovered the ability to utilize the PECI over DMI facility.

If the PWR2262 "internal system error" was logged within the previous 30 seconds, ignore the message. No response action required.

Power management firmware unable to maintain power limit

The power management firmware cannot reduce power consumption to meet configuration or user defined settings.
Recommended Response
"1) Review system power policy. 2) Check system event logs for thermal or power related exceptions."

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)

PWR2401

Message Power management firmware initialization error
Detailed Description The iDRAC controller detected that the power management firmware did not initialize properly. The system may operate in a performance degraded state.
Recommended Response "1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision."
Action
Category System Health (PWR = Power Usage)
Severity Severity 1 (Critical)

PWR2402

Message iDRAC is unable to communicate with power management firmware.
Detailed Description: The iDRAC controller cannot communicate with the power management firmware due to an problem with the interface to the power management engine or with the power management engine itself. The system may operate in a performance degraded state.

Recommended Response Action: Check the Lifecycle Controller Log (LC Log) and make sure that there are no subsequent log entries indicating that Communication with power management firmware has been restored. If this log entry is not present then do one of the following: 1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision.

Category: System Health (PWR = Power Usage)
Severity: Severity 1 (Critical)

Message: iDRAC communication with power management firmware has been restored.
Detailed Description: The iDRAC controller established communication to the power management firmware. System performance will return to normal.
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)

PWR2403

iDRAC
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
iDRAC ✔*
CMC

Remote System Log | WS Eventing
iDRAC
CMC
PWR2404

Message
Power supply capacity alert disabled.

Detailed Description
Power supply capacity alert disabled due to user configuration.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

PWR3000

Message
The system is being shut down for thermal protection.

Detailed Description
To avoid system damage because of insufficient cooling, the system is being shut down.

Recommended Response
Review the Embedded System Management Log for thermal or environmental failures and warnings, and replace the faulty components. If the issue persists, contact your service provider.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)
PWR3001

Arguments: arg1 = peak value
Detailed Description: The system has detected a new peak power value.
Recommended Response: Make sure that the power usage corresponds to the current hardware configuration and workload.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
OMSA Event ID: 5013

PWR8500

Message: Chassis power state updated to arg1 from arg2.
Arguments: arg1 = new power state, arg2 = old power state
Detailed Description: The chassis power state from the configuration database and the current state are different. The current chassis power state will be updated in the configuration database. This is to ensure the chassis power state will be the same if the CMC is rebooted or a CMC failover occurs. Note that the numerical value of the state is intended for technical support use.
Recommended Response: No response action is required.
Category: Audit (PWR = Power Usage)
Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC ✔ | ✔ |
CMC ✔ | ✔ |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔ | ✔ |
CMC ✔ | ✔ |

PWR8501

Message Successfully set Virtual Infrastructure Device power to **arg1** WDC

Arguments **arg1** = power reading

Detailed Description Power allocation succeeded for Virtual Infrastructure.

Recommended Response No response action is required.

Action

CategoryAudit (PWR = Power Usage)

SeveritySeverity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC ✔ | ✔ |
CMC ✔ | ✔ |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC ✔ | ✔ |
CMC ✔ | ✔ |

PWR8503

Message The current value of System Input Power Cap (**arg1** AC) is less than the upper limit (**arg2** AC).

Arguments **arg1** = power value, **arg2** = power value

Detailed Description This Information is provided to enable checking whether the powercap is lower than the maximum supported powercap limit.
### PWR8504

**Message**

Chassis power button is pressed, but the button is disabled.

**Detailed Description**

The chassis power button press is detected but the button has been disabled.

**Recommended Response Action**

The chassis power button is disabled. To enable the chassis power button use the CMC RACADM command line interface, CMC Web interface. Using the command line, enter "racadm config -g cfgChassisPower -o cfgChassisPowerButtonEnable 1". Using the Web interface, click Chassis Overview > Power > Configuration. Clear the Disable Chassis Power Button check box.

**Category**

Audit (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

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### PWR8505

**Message**

The Dynamic Power Supply Engagement feature was not successfully enabled.
Detailed Description
The Dynamic Power Supply Engagement feature was not successfully enabled.

Recommended Response
Restart the Chassis Management Controller and retry the operation. To restart the Chassis Management Controller, using the WEB UI, go to Chassis Overview > Power > Control, select the Reset CMC option, and then click Apply.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Filter Visibility

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*
CMC ✔* ✔*

PWR8506

Message
Cumulative power computation (KWH) time is reset on arg1.

Arguments
arg1 = time

Detailed Description
Resetting the power computation reading causes the log to report time at which it is reset.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Filter Visibility

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*
CMC ✔* ✔*
PWR8507

Message  System Input Power Cap changed from \textit{arg1} W AC to \textit{arg2} W AC.
Arguments \textit{arg1} = previous power value, \textit{arg2} = new power value
Detailed Description The system Input Power Cap was changed from the value to the value indicated in the message.
Recommended Response No response action is required.
Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)

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PWR8508

Message  New power budget (\textit{arg1} W AC) may permit future degradation of redundancy.
Arguments \textit{arg1} = power value
Detailed Description If the power budget exceeds the effective capacity for the current redundancy policy, it is possible for power allocations to grow beyond the effective capacity, which would reduce redundancy capabilities.
Recommended Response No response action is required. Make sure there are enough PSUs to support redundancy at the specified power budget.
Category Audit (PWR = Power Usage)
Severity Severity 2 (Warning)

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</table>
Unable to change the server power priority because Server Based Power Management mode is enabled.

Unable to change the server power priority because Server Based Power Management mode is enabled.

The server power priority can be changed once Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview > Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

Audit (PWR = Power Usage)

Severity 2 (Warning)

Unable to set chassis power property arg1.

arg1 = property name

Unable to set the chassis power identified in the message.

Retry the operation. If the issue persists, contact your service provider.

Audit (PWR = Power Usage)

Severity 2 (Warning)
Unable to set the CHASSIS_POWER_button_disable chassis power property.

Unable to set the CHASSIS_POWER_button_disable chassis power property.

Retry the operation. If the issue persists, contact your service provider.

Audit (PWR = Power Usage)

Severity 2 (Warning)

CMC rebooted, because the power configuration data could not be accessed.

Power configuration data in memory cannot be accessed due to synchronization issues.

No response action is required.

Audit (PWR = Power Usage)

Severity 1 (Critical)
Unable to perform chassis power action due to insufficient privileges.

Unable to perform the chassis power action because the chassis is not turned on.

Unable to perform the chassis power action because the chassis is not turned on.

Unable to perform the chassis power action because the chassis is not turned on.
### Severity 3 (Informational)

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### PWR8516

**Message**
Unable to perform the chassis power action requested.

**Detailed Description**
Unable to perform the chassis power action requested.

**Recommended Response**
Check the tracelog for more information. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR8517

**Message**
Unable to turn off chassis power.

**Detailed Description**
Chassis power state transition did not complete successfully. This may be due to one of the following: 1) Unable to turn off one or more servers, 2) A firmware update may be in progress.

**Recommended Response**
Check the tracelog for more information. If the issue persists, contact your service provider.
Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)

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PWR8518

Message: Unable to perform the chassis power action because the chassis is already turned on.

Detailed Description: Unable to perform the chassis power action because the chassis is already turned on.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

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PWR8519

Message: Unable to perform the chassis power action because the chassis is already turned off.

Detailed Description: Unable to perform the chassis power action because the chassis is already turned off.
Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | * | | | |
CMC | ✔ | * | | | |

PWR8520

Message: Initiated the chassis reset operation.
Detailed Description: The chassis reset operation was initiated.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | * | | | |
CMC | ✔ | * | | | |

PWR8521

Message: Completed chassis reset operation.
The chassis reset operation was completed.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)

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Initiated chassis power cycle operation.

The chassis power cycle operation was initiated.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)

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</table>
### PWR8523

**Message**
Completed chassis power cycle operation.

**Detailed Description**
The chassis power cycle operation was completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR8524

**Message**
Redundancy was lost, while Server Performance Over Power Redundancy is enabled.

**Detailed Description**
The redundancy was lost because the power requirement of the chassis exceeds the current redundant policy.

**Recommended Response Action**
No response action is required. Review the power requirements and determine if more PSUs are needed to restore redundancy.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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## PWR8525

**Message**  
110VAC Operation acknowledged.

**Detailed Description**  
110VAC operation of PSUs is acknowledged.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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## PWR8526

**Message**  
110VAC Operation unacknowledged.

**Detailed Description**  
110VAC operation of PSUs is unacknowledged.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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PWR8527

Message
Server slot power priorities changed - reallocating power.

Detailed Description
Server slot power priorities were changed. Power to servers is being reallocated.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

PWR8528

Message
Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled.

Detailed Description
The Max Power Conservation Mode can be enabled only when Server Based Power Management Mode is disabled.

Recommended Response Action
The Max Power Conservation Mode can be changed when Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview > Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)
PWR8529

Message  Max Power Conservation Mode is enabled.
Detailed Description  The Max Power Conservation Mode is enabled.
Recommended Response Action  No response action is required.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)

PWR8530

Message  Max Power Conservation Mode is disabled.
Detailed Description  Max Power Conservation Mode is disabled.
Recommended Response Action  No response action is required.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)
PWR8531

Message
Server Based Power Management Mode is enabled.

Detailed Description
Server Based Power Management Mode is enabled.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

PWR8532

Message
Server Based Power Management Mode is disabled.

Detailed Description
Server Based Power Management Mode is disabled.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)
Power cap changed from arg1 W AC to arg2 W AC.

**Arguments**

arg1 = power value, arg2 = power value

**Detailed Description**

Power cap setting was changed.

**Recommended Response Action**

No response action is required.

**Category**

Audit (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

Unable to set Server Based Power Management Mode to enable.

**Detailed Description**

Unable to set Server Based Power Management Mode to enable.

**Recommended Response Action**

Retry the operation. If the issue persists, contact your service provider.

**Category**

Audit (PWR = Power Usage)
Severity | Severity 2 (Warning)
---|---

<table>
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**PWR8535**

**Message**
Unable to set Server Based Power Management Mode to disable.

**Detailed Description**
Unable to set Server Based Power Management Mode to disable.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

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**PWR8536**

**Message**
Server Performance Over Power Redundancy is enabled.

**Detailed Description**
Server Performance Over Power Redundancy is enabled.

**Recommended Response Action**
No response action is required.
PWR8537

Message
Server Performance Over Power Redundancy is disabled.

Detailed Description
Server Performance Over Power Redundancy is disabled.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Filter Visibility

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PWR8538

Message
Power Remote Logging is enabled.

Detailed Description
Power Remote Logging is enabled.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)
Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

PWR8539

Message: Power Remote Logging is disabled.

Detailed Description: Power Remote Logging is disabled.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

PWR8540

Message: Power Remote Logging Interval set to arg1

Arguments: arg1 = interval
Detailed Description
The interval for remote logging of power information is set to the value identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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**PWR8541**

Message
Chassis powerup operation initiated.

Detailed Description
Chassis powerup operation initiated.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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PWR8542

Message
Chassis powerup operation completed.

Detailed Description
Chassis powerup operation completed.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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PWR8543

Message
Server arg1 power inventory is not valid. Power inventory reading is Max Power= arg2 AC Watt, Min Power= arg3 AC Watt, Allocated Power= arg4 AC Watt

Arguments
arg1 = slot number, arg2 = max power reading, arg3 = min power reading, arg4 = allocated power reading

Detailed Description
Invalid power inventory reported by the iDRAC of the server identified in the message to the CMC.

Recommended Response
Turn on the server identified in the message. If the issue persists, contact your service provider.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)
**PWR8544**

**Message**
Chassis Management Controller turned off the Server *arg1* because of insufficient power at inventory.

**Arguments**
*arg1* = slot number

**Detailed Description**
Insufficient power is available for the server identified in the message to function.
The server will be turned off until there is sufficient power available.

**Recommended Response**
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**PWR8545**

**Message**
Chassis Management Controller turned off the server *arg1* because of incorrect power data retrieved from iDRAC at inventory.

**Arguments**
*arg1* = slot number

**Detailed Description**
Incorrect power inventory information reported by the iDRAC for the server identified in the message.

**Recommended Response**
Invalid power inventory information could be due to outdated iDRAC firmware or server BIOS firmware versions. Update the components to their latest versions.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)
Chassis shutdown already in progress.

A chassis shutdown was already in progress, when the additional shutdown request was received.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)
### PWR8548

**Message**  
Chassis shutdown operation initiated.

**Detailed Description**  
Chassis shutdown operation initiated.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

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**PWR8549**

**Message**  
Chassis shutdown did not complete successfully.

**Detailed Description**  
The requested chassis shutdown operation did not complete successfully.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 2 (Warning)

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1178
PWR8550

Message
Chassis shutdown completed.

Detailed Description
Chassis shutdown completed.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

PWR8551

Message
Successfully set Virtual Infrastructure Device power to arg1 DC Watt.

Arguments
arg1 = power reading

Detailed Description
This will be logged when a Virtual Infrastructure Device power allocation is configured.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)
### Severity
Severities 3 (Informational)

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### PWR8552

**Message**
Chassis Management Controller is unable to turn on `arg1` - `arg2` because of insufficient power.

**Arguments**
- `arg1` = component name, `arg2` = component id

**Detailed Description**
There is insufficient power for the component identified in the message to turn on.

**Recommended Response**
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Contact your service provider for information on the power required for the component identified in the message.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8418

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### PWR8554

**Message**
Chassis Management Controller is unable to send power allocation information to `arg1` - `arg2` at priority `arg3`.

1180
Arguments

arg1 = component name, arg2 = component id, arg3 = priority number

Detailed Description

This situation occurs if the iDRAC is found to be turned off after power allocation information is sent by the CMC or if the communications between the CMC and iDRAC is non-functional.

Recommended Response

Perform a Virtual Reseat of the component identified in the message. Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat.

Category

Audit (PWR = Power Usage)

Severity

Severity 1 (Critical)

Filter Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

✔*

✔*

PWR8555

Message

Chassis Management Controller unable to turn on arg1 - arg2 at priority arg3 because of insufficient power. Minimum power needed is arg4 AC Watt, but only arg5 AC Watt is available.

Arguments

arg1 = component name, arg2 = slot number, arg3 = priority number, arg4 = min power, arg5 = available power

Detailed Description

The request to turn on the component identified in the message was not successful because insufficient power is available at the identified priority for the component.

Recommended Response

Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category

Audit (PWR = Power Usage)

Severity

Severity 2 (Warning)

Trap/EventID

8418
**PWR8556**

Message: Server arg1 was shutdown due to insufficient power.

Arguments: `arg1 = slot number`

Detailed Description: The Server identified in the message was shutdown due to insufficient power.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 8417

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**PWR8557**

Message: The System Input Power Cap is too low to be enforced using the current Power Supply configuration.

Detailed Description: The current Power Cap setting cannot be enforced. This may be the result of changing the redundancy mode or by changing the PSUs. The power cap setting must be increased to be usable.
**Recommended Response Action**

Increase the Power Cap value. To increase the Power Cap do one of the following:

1) Using CMC Web interface: Select ‘Chassis Overview’ -> Power -> Configuration and then adjust System Input Power Cap values. 2) Run the following RACADM command at the command line interface: "config -g cfgChassisPower -o cfgChassisPowerCap <value>". Try setting the power cap above the lower bound displayed on the power configuration page.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2274

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**PWR8558**

**Message**

The System Input Power Cap is being enforced with the current Power Supply configuration.

**Detailed Description**

A configuration change has occurred such that the current power cap is now supported.

**Recommended Response Action**

No response action is required.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2275

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PWR8559


Arguments: arg1 = iOM slot name

Detailed Description: Power cycle initiated for the I/O module in the slot identified in the message.

Recommended Response: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

---

PWR8560

Message: Unable to turn on I/O Module arg1 due to insufficient chassis power.

Arguments: arg1 = IOM slot name

Detailed Description: Unable to turn on the I/O Module identified in the message due to insufficient chassis power.

Recommended Response: Utilize the Chassis Management Controller (CMC) web interface to check available power and I/O Module power requirements. If sufficient power is available, restart the CMC and retry the operation. If sufficient power is not available due to an insufficient number of PSUs, add additional PSU(s) and reinsert the I/O Module.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 8417

---
PWR8561

**Message**
Unable to power on server arg1 because of iDRAC communication issue.

**Arguments**
arg1 = server number

**Detailed Description**
The Chassis Management Controller is unable to communicate with the Server iDRAC service processor and the server could not be powered on. This situation may occur when iDRAC is rebooting.

**Recommended Response Action**
Wait for three minutes and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

---

PWR8562

**Message**
Unable to power on the server arg1 before power on timer expired.

**Arguments**
arg1 = server number

**Detailed Description**
Unable to power on the server before the power on timer has expired. This happens if the server did not show power on status change within 30 seconds after the power on operation was initiated. This issue may also occur when iDRAC is rebooting.

**Recommended Response Action**
The Server may need more time to power on. Wait for ten seconds and check the power status. If the server was not powered on, retry the operation. If the issue persists, remove and reinsert the server, wait for the iDRAC to complete startup, and retry the operation.
Audit (PWR = Power Usage)
Severity 2 (Warning)

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**PWR8563**

**Message**
Unable to turn on Server arg1 due to I/O fabric inconsistency.

**Arguments**
arg1 = server number

**Detailed Description**
The Server identified in the message did not turn on due to a fabric mismatch between the I/O Module and the Mezzanine card on the Server.

**Recommended Response**
Make sure that the hardware compatibility between the I/O Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID** 8417

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**PWR8564**

**Message**
Unable to turn on the Server arg1 because the power request exceeded the System Input Power Cap.

**Arguments**
arg1 = slot number

1186
Detailed Description
The server identified in the message was not turned on because the available power is less than the requested power.

Recommended Response
Utilize the Chassis Management Controller web interface to check the System Input Max Power Capacity Power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the System Input Power Cap value.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

PWR8565

Message
Unable to turn off the Server arg1 due to iDRAC communication issue.

Arguments
arg1 = server number

Detailed Description
The Chassis Management Controller is unable to communicate with the iDRAC service processor for the Server identified in the message and the Server could not be turned off. This situation may occur when iDRAC is rebooting.

Recommended Response
Do the following: 1) Wait for a few minutes for the iDRAC service processor to complete startup. 2) Retry the operation. 3) If the issue persists, reset the iDRAC and wait a few minutes for the iDRAC startup to complete before retrying the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)
Unable to turn off the Server arg1 before the Power Off timer expired.

Arguments: arg1 = server number

Detailed Description: Unable to turn off the Server before the Power Off timer has expired. This happens if the Server did not show 'power off' status change within 30 seconds after the operation was initiated. This situation may also occur when iDRAC is rebooting.

Recommended Response: The Server may need more time to turn off. Wait for ten seconds and check the power status. If the Server was not turned off, retry the operation. If the issue persists, remove and reinsert the Server, wait for the iDRAC to complete startup, and retry the operation.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)

Unable to turn off Server arg1 on a power cycle action.

Arguments: arg1 = server number

Detailed Description: Unable to turn off the Server on a power cycle operation. This happens if the Server did not show a "power off" status change within the expected time.

Recommended Response: The Server could have taken more time to turn off than expected. If the Server is turned off, turn on to complete the power cycle. If the Server has not completed a power cycle, retry the operation.

Category: Audit (PWR = Power Usage)

Severity: Severity 2 (Warning)
**PWR8568**

**Message**
Server arg1 did not gracefully shutdown before the timer expired.

**Arguments**
arg1 = slot number

**Detailed Description**
The server identified in the message did not gracefully shutdown before the CMC shutdown timer expired. This happens if the server did not show power off status change within 60 seconds after the operation was initiated, or if the OS in the server has not successfully shutdown.

**Recommended Response**
Check if the OS in the server identified in the message has successfully shutdown, if not, manually complete the shutdown or wait for the shutdown to complete normally. If the issue persists, perform a forced power down of the server identified in the message.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

---

**PWR8569**

**Message**
Unable to power cycle the server arg1 because the server is off.

**Arguments**
arg1 = slot number

**Detailed Description**
The requested power cycle operation cannot be performed when the server is not turned on. The server should be already turned on for the power cycle operation to be successful.
**Recommended Response Action**

Turn on the server, if necessary, before requesting a power cycle operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
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**iDRAC** | ✔ * | | | | |
**CMC** | | ✔ * | | | |

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**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
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**iDRAC** | ✔ * | | | | | |
**CMC** | ✔ * | | | | | ✔ *

---

**Message**
Unable to communicate to the iDRAC, when trying to power cycle the server arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore, the server could not be power cycled. This situation may occur when iDRAC is rebooting.

**Recommended Response Action**
Wait for few minutes, and then retry the operation. If the issue persists, do one of the following: 1) Reset the iDRAC, 2) Perform a Virtual Reseat of the server, 3) Remove and re-insert the server.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
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**iDRAC** | ✔ * | | | | |
**CMC** | | ✔ * | | | |

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**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
--- | --- | --- | --- | --- | --- | --- | ---
**iDRAC** | ✔ * | | | | | |
**CMC** | ✔ * | | | | | ✔ *
PWR8571

**Message**
Unable to perform the power action requested for the server `arg1` because another power action is in progress.

**Arguments**
`arg1` = server id

**Detailed Description**
Another power action is in progress. The requested power action cannot be carried out until the power action in progress completes.

**Recommended Response**
Wait for the power action in progress to complete and retry the operation. It may take a few minutes for the current power action to complete.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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PWR8572

**Message**
Unable to shutdown the server `arg1` because the server is off.

**Arguments**
`arg1` = server id

**Detailed Description**
The server identified in the message can be shutdown only if the server is turned on.

**Recommended Response**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server `arg1`.

Arguments `arg1` = server id

Detailed Description The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be turned off. This situation may occur when iDRAC is restarting.

Recommended Response Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.

Category Audit (PWR = Power Usage)

Severity Severity 2 (Warning)

Trap/EventID 8418

---

The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server `arg1`.

Arguments `arg1` = slot number

Detailed Description The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be hard reset. This situation may occur when iDRAC is restarting.

Recommended Response Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.
**PWR8575**

**Message**
Initiated the Virtual Reseat of server \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{server id} \)

**Detailed Description**
A Virtual Reseat for the server identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

---

**PWR8576**

**Message**
Unable to turn on the Sleeve or Sled \( \text{arg1} \) after a virtual reseat operation.

**Arguments**
\( \text{arg1} = \text{slot number} \)
Detailed Description
The virtual reseat initiated on the Sleeve or Sled identified in the message successfully turned off the component. However, the Sleeve or Sled did not turn on successfully. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

Recommended Response Action
Retry the virtual reseat operation on the Sleeve or Sled identified in the message. If the issue persists, manually remove and reinsert the Sleeve or Sled in the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

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PWR8577
Message
A virtual reseat operation is initiated on Sleeve or Sled arg1.

Arguments
arg1 = slot number

Detailed Description
A virtual reseat operation is initiated on the Sleeve or Sled identified in the message. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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PWR8578

Message  Chassis Management Controller is unable to turn on the iDRAC on server-\( arg1 \) because power required is less than available power.

Arguments  \( arg1 = \) slot number

Detailed Description  The Chassis Management Controller is unable to turn on the iDRAC because power required is less than available power.

Recommended Response Action  Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Remove and reinsert the server when enough power is available.

Category  Audit (PWR = Power Usage)

Severity  Severity 2 (Warning)

Trap/EventID  8418

Summary

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PWR8579

Message  Request to reset the CMC \( arg1 \) is initiated.

Arguments  \( arg1 = \) slot id

Detailed Description  A request to reset the CMC identified in the message is initiated. If a second CMC is present, a failover to the other CMC will occur as a result.

Recommended Response Action  No response action is required.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)
PWR8580

Message
Chassis Management Controller is unable to turn on server- \textit{arg1} because the Chassis is not turned on.

Arguments \textit{arg1} = slot number

Detailed Description
The power on request for the server identified in the message was not successful because the Chassis is turned off.

Recommended Response
Turn on the Chassis, and then retry the operation. To turn on the Chassis using the Chassis Management Controller Web UI, go to Chassis Overview > Power > Control, select the Power On System option, and then click Apply.

Category Audit (PWR = Power Usage)

Severity Severity 3 (Informational)

PWR8581

Message
Chassis Management Controller is unable to turn on server- \textit{arg1} because another chassis power operation is in progress.

Arguments \textit{arg1} = slot number

Detailed Description
A chassis power operation is currently in progress and the server identified in the message could not be turned on.
Recommended Response Action
Wait until the current chassis power operation is complete and the chassis is On and then retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Message
Chassis Management Controller is unable to turn on server- arg1 because Max Power Conservation Mode is enabled.

Arguments
arg1 = slot number

Detailed Description
Unable to turn on the server identified in the message because the Max Power Conservation Mode (MPCM) is enabled. After MPCM is enabled, the chassis will be in power conservation mode and the CMC cannot process any further server power on operation requests.

Recommended Response Action
Disable the Max Power Conservation Mode and retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC
PWR8583

Message  Chassis Management Controller is unable to turn on server- arg1 because unacknowledged 110V PSUs are present.

Arguments  arg1 = slot number

Detailed Description  To enable 110V operation, the Allow 110VAC Operation feature must be enabled. If the feature is not enabled, the server turn-on operation will not be processed.

Recommended Response  On the Power Configuration page, in the Web UI, select the Allow 110VAC Operation for power supplies and retry the operation. Using the RACADM utility, run the following command, "racadm config -g cfgChassisPower -o cfgChassisAllow110VACOperation 1".

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

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PWR8584

Message  Chassis Management Controller is unable to turn on server- arg1 because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power.

Arguments  arg1 = slot number

Detailed Description  If power redundancy is lost and the server Performance Over Power Redundancy feature is disabled, the server turn-on will not be allowed.

Recommended Response  To enable the server to be turned-on, on the Power Configuration page in the Web UI, enable the server Performance Over Power Redundancy option. Using the RACADM utility, run the following command 'racadm config -g cfgChassisPower -o cfgChassisPerformanceOverRedundancy 1'. Then retry the operation.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)
Chassis Management Controller granted the power required to turn on server-arg1.

Arguments arg1 = slot number

Detailed Description Chassis Management Controller granted the power required to turn on the server identified in the message.

Recommended Response Action No response action is required.

Category Audit (PWR = Power Usage)

Severity Severity 3 (Informational)

Chassis Management Controller is unable to turn on server-arg1 because it is not supported in the VRTX chassis.

Arguments arg1 = slot number

Detailed Description The Chassis does not support the server identified in the message.
Recommended Response
The server inserted is not supported in the Chassis. Remove the server from the Chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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PWR8587

Message
Chassis Management Controller is unable to turn on server- \textit{arg1} because the chassis enclosure is open.

Arguments
\textit{arg1} = slot number

Detailed Description
The server cannot be turned on if the chassis enclosure is open.

Recommended Response
The chassis enclosure is open. Retry the operation after closing the enclosure.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

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<tr>
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<th>IPMI Alert</th>
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PWR8588

Message  Chassis Management Controller is unable to turn on server- \textit{arg1} because a chassis infrastructure firmware update is in progress.

Arguments  \textit{arg1} = slot number

Detailed Description  The server identified in the message cannot be turned on while a chassis infrastructure firmware update operation is in progress.

Recommended Response  The chassis infrastructure firmware update is in progress. Retry the operation after the firmware update is complete.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

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PWR8589

Message  The server- \textit{arg1} does not have PCIe Mezzanine card in slot B1.

Arguments  \textit{arg1} = slot number

Detailed Description  The PCIe Mezzanine card in the slot B1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.

Recommended Response  Insert a PCIe Mezzanine card in slot B1.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

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</table>
Message: The server- arg1 does not have PCIe Mezzanine card in slot C1.

Arguments: arg1 = slot number

Detailed Description: The PCIe Mezzanine card in slot C1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.

Recommended Response Action: Insert a PCIe Mezzanine card in slot C1.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

---

Message: Servers are turned off to allocate power to the newly inserted hard disk drives.

Detailed Description: Before inserting hard disk drives, always make sure the Chassis has enough available power. Otherwise, operating servers may be turned off.

Recommended Response Action: Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 8417
PWR8592

Message  Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress.

Detailed Description  The request to turn on or turn off the chassis was issued before the previous power operation was completed.

Recommended Response  Retry the operation after the current operation is complete.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

No alerts are applicable for this message

PWR8593

Message  Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress.

Detailed Description  The chassis power operation cannot be performed when a chassis infrastructure firmware update is in progress.

Recommended Response  Retry the operation after the chassis infrastructure component firmware update is complete.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

No alerts are applicable for this message

PWR8594

Message  Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power arg1 AC Watt is more than available power arg2 AC Watt.
Arguments
arg1 = requested watts, arg2 = available watts

Detailed Description
The available power is not sufficient to enable the Enhanced Cooling Mode feature.

Recommended Response
Make sure there is enough power supply to enable the Enhanced Cooling Mode feature. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

PWR8595

Message
Chassis Management Controller is unable to turn on server arg1 due to insufficient power for the arg2.

Arguments
arg1 = slot id, arg2 = chassis component name

Detailed Description
The turn-on request for the server identified in the message did not succeed because of insufficient power to the chassis component identified in the message.

Recommended Response
The Chassis Management Controller (CMC) will retry turning on the server and the corresponding components associated to the server after a predefined interval. If the issue persists, refer to the Managing and Monitoring Power section in the CMC User Guide for more information on configuring power management settings.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

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PWR8596

Message
Chassis Management Controller is unable to turn on server- arg1 because PSU redundancy is lost and the available power is insufficient.

Arguments
arg1 = slot number
Detailed Description: The Chassis Management Controller cannot turn on the server identified in the message, because PSU redundancy is lost or PSUs are removed. Sufficient power is not available for the operation.

Recommended Response: Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. When enough power is available, retry the operation.

Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

PWR8597

Message: The Power Supply Unit (PSU) arg1 is turned off because it is not supported by the Chassis.

Arguments: arg1 = PSU number

Detailed Description: The identified Power Supply Unit (PSU) is turned off because it is not supported by the Chassis.

Recommended Response: Replace the PSU identified in the message with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

Category: Audit (PWR = Power Usage)
Severity: Severity 1 (Critical)

Trap/EventID: 8417

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✔ ✔* ✔* ✔* ✔*
CMC ✔ ✔* ✔* ✔*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔* ✔
CMC ✔* ✔* ✔*

PWR8598

Message: The Power Supply Unit (PSU) arg1 is turned off because it is not compatible with the other PSUs used in the Chassis.

Arguments: arg1 = PSU number
**Detailed Description**
The Power Supply Unit (PSU) identified in the message is turned off because it is not compatible with the other PSUs in the Chassis.

**Recommended Response**
Replace the PSU with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

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**PWR8601**

**Message**
The multinode sled power button is disabled.

**Detailed Description**
The power buttons for all multinode sleds in the chassis are disabled. The operation to disable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

**Recommended Response**
To enable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter “racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 1”. Using the Web interface, click Server Overview > Power > Control. Clear the Disable power button for all multinode sleds in the chassis” check box.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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PWR8602

Message  The multinode sled power button is enabled.

Detailed Description  The power buttons for all multinode sleds in the chassis are enabled. The operation to enable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

Recommended Response  To disable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter "racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 0". Using the Web interface, click Server Overview > Power > Control. Select the "Disable power button for all multinode sleds in the chassis" check box.

Category  Configuration (PWR = Power Usage)

Severity  Severity 3 (Informational)

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

| iDRAC | ✔  |
| CMC  | ✔  |

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC | ✔  |
| CMC  | ✔  |

PWR8654

Message  Chassis Management Controller (CMC) is unable to send power allocation information to the component \texttt{arg1 - arg2}.

Arguments  \texttt{arg1} = component name, \texttt{arg2} = component id

Detailed Description  CMC could not successfully send the power allocation information to the component identified in the message, because either iDRAC is stopped after the power allocation was sent by CMC or the communication between CMC and iDRAC has ended.

Recommended Response  Perform a Virtual Reseat operation of the component, and then retry the operation.

Action  To virtually reseat a component, log in to the CMC Web interface, select Chassis Overview > Troubleshooting > Reset Components > select the option corresponding to the component, and then click Virtual Reseat.

Category  Audit (PWR = Power Usage)

Severity  Severity 1 (Critical)
Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power. The minimum required power is arg3 AC Watts, but only arg4 AC Watts is available.

Arguments

arg1 = component name, arg2 = slot number, arg3 = min power, arg4 = available power

Detailed Description

CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response

Make sure there is sufficient power available, and then retry the operation. To view the available power, on the CMC Web interface, click Chassis Overview > Power > Power Budget Status. The available power is displayed in the Total Input Power Available For Allocation field. To increase available power, add more PSUs or remove unused components from the Chassis.

Category

Audit (PWR = Power Usage)

Severity

Severity 2 (Warning)

Trap/EventID

8418

Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power.
Arguments

arg1 = component name, arg2 = slot number

Detailed Description
CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response
Make sure there is sufficient power available, and then retry the operation. To increase available power, add more PSUs, use PSUs with higher voltage inputs or a higher power rating, remove unused components from the Chassis, or change the redundancy policy to Redundancy Alerting Only or Non-redundant.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID 8418

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PWR8663

Message
Unable to turn on the server arg1 because of an inconsistency between the I/O module and mezzanine card.

Arguments
arg1 = server number

Detailed Description
The server identified in the message could not be successfully turned on because of incompatibility between the I/O module and mezzanine card.

Recommended Response
Make sure that the I/O module and mezzanine card are compatible. For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID 8417

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The Dynamic Power Supply Engagement feature is **arg1**.

**Arguments**

**arg1** = enabled or disabled

**Detailed Description**

The power configuration property dynamic power supply engagement feature is disabled or enabled as identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (PWR = Power Usage)

**Severity**

Severity 3 (Informational)

---

The Chassis power button is **arg1**.

**Arguments**

**arg1** = enabled or disabled

**Detailed Description**

The property chassis power button is either enabled or disabled as identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (PWR = Power Usage)

**Severity**

Severity 3 (Informational)
### PWR8666

**Message**
The iKVM power cycle operation is initiated.

**Detailed Description**
The iKVM power cycle operation is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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### PWR8667

**Message**
Chassis Management Controller (CMC) is resetting iKVM to its default settings.

**Detailed Description**
Chassis Management Controller (CMC) is resetting iKVM to its default settings.

**Recommended Response Action**
No response action is required

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

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**PWR8668**

**Message**
Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

**Detailed Description**
Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

---

**PWR8669**

**Message**
Unable to turn on the server *arg1* because of an inconsistency between the chassis and server components.

**Arguments**
*arg1* = server number

**Detailed Description**
The server identified in the message could not be successfully turned on because of incompatibility between the chassis PCIe components and mezzanine card.

**Recommended Response Action**
Make sure that the chassis PCIe components and mezzanine card are compatible. For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual available at the support site.
PWR8670

Message
Unable to turn on server arg1 because the required power arg2 AC Watts exceeds the subsystem Connector Limit arg3 AC Watts for IO modules, Blowers and Servers.

Arguments
arg1 = slot ID, arg2 = power level, arg3 = power limit

Detailed Description
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

Recommended Response
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

PWR8670

Message
Unable to turn on server arg1 because the required power arg2 AC Watts exceeds the subsystem Connector Limit arg3 AC Watts for IO modules, Blowers and Servers.

Arguments
arg1 = slot ID, arg2 = power level, arg3 = power limit

Detailed Description
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

Recommended Response
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)
PWR8671

Message
The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power $arg1$ AC Watts exceeds the subsystem power limit $arg2$ AC Watts for IO Modules, Blowers and Servers.

Arguments
$arg1$ = requested power level, $arg2$ = power limit

Detailed Description
The Enhanced Cooling Mode feature cannot be enabled because the requested power exceeds the Chassis subsystem power limit for IO Modules, Blowers and Servers.

Recommended Response Action
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available to set Enhanced Cooling Mode.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Trap/EventID
8419

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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</tbody>
</table>

PWR8672

Message
The server in slot $arg1$ does not have a $arg2$ mezzanine card in slot $arg3$.

Arguments
$arg1$ = server slot number, $arg2$ = card type, $arg3$ = mezzanine position number

Detailed Description
The server identified in the message does not have a card in the Mezzanine slot as identified in the message. A mezzanine card position is identified with the following numbers: For quarter-width server, the position number is 1. For half-width server mezzanine C & B maps to position numbers 1 & 2 respectively. For full-width server, mezzanine C & B on the upper- or left part of the server maps to position numbers 1 & 2 respectively. Mezzanine C & B on the lower- or right part of the server maps to position numbers 3 & 4 respectively.

Recommended Response Action
Insert a mezzanine card in the slot identified in the message.
PWR8673

Message
arg1 hassis configuration detected at arg2 arg3.

Arguments
arg1 = Carrier grade, arg2 = voltage, arg3 = power state

Detailed Description
Displays voltage change with power configuration change.

Recommended Response Action
No response action is required.

Category Configuration (PWR = Power Usage)
Severity Severity 3 (Informational)

PWR8674

Message Unable to change the value of Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.

Detailed Description Unable to change the value of the Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.
Recommended Response Action
No response action is required.

Category System Health (PWR = Power Usage)

Severity Severity 3 (Informational)

---

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

<table>
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</tr>
</tbody>
</table>

PWR8675

Message AC power supply is detected in the NEBS configuration.

Detailed Description AC power supply is detected in the NEBS configuration.

Recommended Response Action No response action is required.

Category Configuration (PWR = Power Usage)

Severity Severity 3 (Informational)

---

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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PWR8676

Message Unable to set the chassis power property arg1.

Arguments arg1 = property name
The chassis power property identified in the message cannot be set.

Contact your service provider.

Configuration (PWR = Power Usage)

Severity 2 (Warning)

Dynamic Power Supply Engagement configuration is changed.

No response action is required.

Configuration (PWR = Power Usage)

Severity 3 (Informational)
PWR8678

Message
The value of the property arg1 is arg2.

Arguments
arg1 = power property name, arg2 = enable or disable

Detailed Description
The power property identified in the message is changed as identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PWR = Power Usage)

Severity
Severity 3 (Informational)

PWR8680

Message
The arg1 firmware in the server slot arg2 does not support the storage sled.

Arguments
arg1 = iDRAC/BIOS, arg2 = slot number

Detailed Description
The firmware identified in the message does not support the storage sled.

Recommended Response Action
Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the storage sled.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273
**PWR8681**

**Message**

The arg1 firmware in the server slot arg2 does not support additional PCIe slots.

**Arguments**

arg1 = iDRAC/BIOS, arg2 = slot number

**Detailed Description**

The firmware identified in the message does not support the PCIe reassignment operation.

**Recommended Response**

Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the PCIe reassignment.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2273

---

**PWR8682**

**Message**

Unable to turn on the storage sled controller arg1 in slot arg2 because the arg3 module is not functioning.

**Arguments**

arg1 = controller number, arg2 = slot number, arg3 = module name

**Detailed Description**

The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message. The Chassis storage sled controller is unable to turn on due to a configuration or hardware issue.

**Recommended Response**

Remove the storage sled identified in the message, re-insert it and observe whether the issue is resolved. If the issue persists, contact your service provider.

**Category**

System Health (PWR = Power Usage)
Severity 2 (Warning)

Message
Initiated the Virtual Reseat of peripheral \texttt{arg1}.

Arguments
\texttt{arg1} = slot number

Detailed Description
A Virtual Reseat for the peripheral sled identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a peripheral sled.

Recommended Response
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Message
Storage sled controller \texttt{arg1} in slot \texttt{arg2} turned on successfully.

Arguments
\texttt{arg1} = controller number, \texttt{arg2} = slot number

Detailed Description
The storage sled controller in the slot identified in the message turned on successfully.
PWR8685

Message  The arg1 firmware in the server slot arg2 supports the storage sled.

Arguments  arg1 = iDRAC/BIOS, arg2 = slot number

Detailed Description  The firmware identified in the message supports the storage sled.

Recommended Response Action  No response action is required.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

Trap/EventID  8419
**PWR8686**

**Message**
The Chassis Management Controller (CMC) is unable to turn on the storage sleds associated with server in slot arg1 because the iDRAC firmware version in the server does not support the chassis storage module.

**Arguments**
arg1 = slot number

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message because iDRAC version installed on the server is not compatible.

**Recommended Response**
Update the iDRAC firmware identified in the message to the supported latest available version and retry the operation. For information about the supported firmware versions, refer to the Chassis Management Controller users Guide available at the support site.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

**Filter Visibility**
IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | ---
iDRAC | ✔ | ✔* | ✔* | 
CMC | ✔ | ✔* | ✔* | 

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
iDRAC | ✔* | ✔* | | | | |
CMC | ✔* | ✔* | ✔* | ✔* |

**PWR8687**

**Message**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller installed on server in slot arg1 because the server does not have a Mezzanine card.

**Arguments**
arg1 = server slot

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller installed on the server in the slot identified in the message because the server does not have a Mezzanine card. A Mezzanine card position is identified with the following numbers: For quarter-width server, the position number is 1. For half-width server mezzanine C & B maps to position numbers 1 & 2 respectively. For full-width server, Mezzanine C & B on the upper- or left part of the server maps to position numbers 1 & 2 respectively. Mezzanine C & B on the lower- or right part of the server maps to position numbers 3 & 4 respectively.
**Recommended Response**
Install a Mezzanine card in the Mezzanine card slot of the server identified in the message, and then retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

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<td>✔*</td>
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</table>
RAC Event Messages

RAC001

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC002

**Message**
General failure.

**Detailed Description**
An unknown error occurred.

**Recommended Response Action**
Do one of the following: 1) Rerun the command. 2) Reset iDRAC and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

RAC003

**Message**
Missing required parameter arg1.

**Arguments**
arg1 = parameter name

**Detailed Description**
One or more required parameters for the method are missing.

**Recommended Response Action**
Refer to the profile document and provide the required parameters.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
### RAC004

**Message**  
Invalid parameter value for `arg1`.

**Arguments**  
`arg1` = parameter

**Detailed Description**  
The parameter value for the given parameter is invalid.

**Recommended Response Action**  
Provide a valid parameter value for specified parameter.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC005

**Message**  
Mismatch in AttributeName and AttributeValue count.

**Detailed Description**  
The name value pairs do not match in the input specified in the method invocation parameters.

**Recommended Response Action**  
Provide a valid (AttributeName, AttributeValue) pair.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC006

**Message**  
The attribute value cannot be changed because it is of read-only type.

**Detailed Description**  
The attribute value cannot be changed because it is of read-only type.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
### RAC007

<table>
<thead>
<tr>
<th>Message</th>
<th>The attribute value is outside the acceptable range.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attribute value is outside the acceptable range.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Enter a value within the range and retry the operation. For more information about the acceptable range, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and DCIM Profile Documents available at the support site.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
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<td>Severity</td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message.

### RAC008

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid boolean Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attribute boolean value is not valid for the specified attribute.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Provide valid boolean value for the specified attribute.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message.

### RAC009

<table>
<thead>
<tr>
<th>Message</th>
<th>Input string length exceeds maximum length.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested operation cannot be completed because the length of the input string exceeds maximum length allowed.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Verify the string length and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message.
RAC010

Message: Input contains invalid character.
Detailed Description: The input value for the attribute being set contains characters that are not allowed.
Recommended Response: Retry the operation using valid input characters. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0100

Message: The Smart Card is removed. Further communication is not possible.
Detailed Description: Communication with the Smart Card has been lost.
Recommended Response: Insert a valid Smart Card and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0101

Message: The inserted Smart Card is not valid or the Smart Card reader is not supported.
Detailed Description: The data returned is not in a known format.
Recommended Response: This error may occur because: 1. Smart Card is invalid. Insert a valid Smart Card and try again. 2. Check connection between reader and system. 3. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0102

Message
The Smart Card Logon plug-in is not installed. Install the plug-in from the iDRAC Web GUI to log in using Smart Card.

Detailed Description
The software to communicate with the Smart Card is not loaded in this browser. Smart Card can be used for log in only if the appropriate Smart Card software is installed in the browser.

Recommended Response Action
Install the plug-in prompted by the iDRAC Web GUI to log in using Smart Card.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0103

Message
This browser does not support Smart Card logon on iDRAC. Use Internet Explorer version 7.0 or later to use this feature.

Detailed Description
Smart Card login is only supported in newer versions of Internet Explorer.

Recommended Response Action
See the iDRAC help text or documentation for a list of supported browsers.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0104

Message
An incorrect PIN was entered.

Detailed Description
An invalid PIN was entered. Too many log in attempts with a Smart Card login can result in a user being locked out of the system.

Recommended Response Action
1. Enter a valid Smart Card PIN and try again. 2. Use a different Smart Card.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
RAC0105
Message  The Smart Card reader cannot be detected. Check whether the reader is installed correctly.
Detailed Description  Communication with the Smart Card reader cannot be established, or is lost.
Recommended Response Action  This error may occur because: 1. Check connection between reader and system. 2. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

RAC0106
Message  The Smart Card cannot be detected. Insert the Smart Card correctly.
Detailed Description  Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems reading the Smart Card.
Recommended Response Action  This error may occur because: 1. Make sure the Smart Card is seated correctly. 2. Smart Card is invalid. Insert a valid Smart Card and try again. 3. Check connection between reader and system. 4. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

RAC0107
Message  The inserted Smart Card cannot be recognized. Ensure that the correct Smart Card CSP drivers are installed.
Detailed Description  Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems accessing the Smart Card. The appropriate Cryptographic Service Provider (CSP) drivers are not installed.
Recommended Response Action  There may be an issue with the Smart Card Cryptographic Service Provider (CSP) drivers. Use the client OS to install CSP driver. If the OS has problem with Smart Card, then there will have problem using the Smart Card. So make sure Smart Card can login with Windows OS.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

RAC0108

Message
An internal error is encountered. Insert a valid Smart Card and try again. (Does this and preceeding messages show up in the SEL?)

Detailed Description
A non-specific error is detected when accessing the Smart Card.

Recommended Response Action
Review the error message preceeding or following this message.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC011

Message
A configuration Job already exists, cannot process more set operations.

Detailed Description
A Job has already been scheduled to apply pending iDRAC attribute values. Additional configuration operations are not allowed while there is a configuration Job pending execution.

Recommended Response Action
Wait for the scheduled Job to complete before setting more attributes.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0113

Message
Remote Syslog Port value is invalid: Valid range is 1-65535 or 0x1-0xFFFF.

Detailed Description
Data entered is not an integer value in the valid range of numbers.

Recommended Response Action
Enter a Remote Syslog Port number. Expected range: [1-65535 or 0x1-0xFFFF]

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
### RAC0115

**Message**
The Destination IP Address value is invalid.

**Detailed Description**
The IPv4 address does not conform to the addressing standard or the supported IPv4 address range.

**Recommended Response**
Enter the Destination IP Address value between [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0116

**Message**
Invalid Destination IPv6 Address.

**Detailed Description**
The entered IPv6 address does not conform to the addressing standard or the supported IPv6 address range.

**Recommended Response**
Enter a valid Destination IPv6 Address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0117

**Message**
SD card is unavailable.

**Detailed Description**
The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.

**Recommended Response**
This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0118

Message: Unsupported vFlash SD card detected.
Detailed Description: The SD card is not a valid vFlash SD card. The use of non-Dell media prevents the use of some extended capabilities and functions.
Recommended Response: Insert a supported vFlash SD card.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC012

Message: Unable to perform the operation because of insufficient user privileges.
Detailed Description: The user credentials supplied do not have sufficient privileges to perform the operation.
Recommended Response: Retry the operation with user credentials authorized for the requested operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC0120

Message: The selected partition size exceeds the available space.
Detailed Description: Requested partition size exceeds the available space.
Recommended Response: Enter a partition size smaller than the unused space on the vFlash SD card.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
## RAC0121

**Message**
SD card is not initialized.

**Detailed Description**
SD card not readable. The card must be initialized.

**Recommended Response**
Initialize the SD card before it can be used.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

## RAC0124

**Message**
Invalid label: Label must be exclusively alphanumeric characters.

**Detailed Description**
All characters in the label must be alphanumeric.

**Recommended Response**
Enter all alphanumeric characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

## RAC0126

**Message**
The label value is invalid. Expected range: 1-6 alphanumeric characters.

**Detailed Description**
The label field is empty. A label is required to create an empty partition.

**Recommended Response**
Enter a label that contains one to six alphanumeric characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0127

**Message**
The specified size must be a non-fractional numeric value.

**Detailed Description**
Size must be a whole number.

**Recommended Response**
Enter a whole number for the size field.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

RAC0128

**Message**
An error has occurred in vFlash.

**Detailed Description**
A non-specific error has been detected while accessing the vFlash.

**Recommended Response**
Try the operation again in a few minutes. If the problem persists, reset iDRAC before trying the operation again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

RAC0129

**Message**
An error has occurred while initializing the SD card.

**Detailed Description**
No status response was returned after completing the initialization request.

**Recommended Response**
Try reinitializing the card again in a few minutes.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
**RAC013**

**Message**
Unable to run the method because an invalid FQDD is entered.

**Detailed Description**
The method cannot be run because an invalid FQDD is entered.

**Recommended Response**
Enter a valid FQDD and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**RAC0130**

**Message**
An error has occurred while creating a partition.

**Detailed Description**
A separate message will provide more detail about this error which was detected while creating the vFlash partition.

**Recommended Response**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**RAC0131**

**Message**
An error has occurred while deleting a partition.

**Detailed Description**
A separate message will provide more detail about this error which was detected while deleting the vFlash partition.

**Recommended Response**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>RAC0132</th>
<th>Message</th>
<th>An error has occurred while formatting a partition.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>A separate message will provide more detail about this error which was detected while formatting the vFlash partition.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RAC0133</th>
<th>Message</th>
<th>An error has occurred while downloading a partition.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>A non-specific error has been detected when downloading the partition.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response</td>
<td>Try downloading the partition again in a few minutes. If the problem persists, reset iDRAC before trying the operation again.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RAC0134</th>
<th>Message</th>
<th>This operation is unavailable for non-vFlash SD cards.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>The SD card is not a valid vFlash SD card. The use of non-Dell media prevents the use of some extended capabilities and functions.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response</td>
<td>Insert a valid vFlash SD card.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
### RAC0135

**Message**  
An error has occurred while detaching a partition.

**Detailed Description**  
A separate message will provide more detail about this error which was detected while detaching the vFlash partition.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0136

**Message**  
An error has occurred while attaching a partition.

**Detailed Description**  
A separate message will provide more detail about this error which was detected while attaching the vFlash partition.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0137

**Message**  
An error has occurred while changing the read-write state for the partition.

**Detailed Description**  
A separate message will provide more detail about this error which was detected while changing the read-write state of the vFlash partition.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0138

Message: A valid certificate is not loaded.
Detailed Description: The retrieved certificate came back as a null or empty document.
Recommended Response: Upload a valid certificate.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC014

Message: Unable to run the method because an invalid attribute name is entered.
Detailed Description: The method cannot be run because an invalid attribute name is entered.
Recommended Response: Enter a valid attribute name and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0140

Message: Firmware update has failed.
Detailed Description: The firmware update process returned an Update Failed status.
Recommended Response: Try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### RAC0141

**Message**
Firmware update verification failed: The update status is unknown.

**Detailed Description**
Firmware update verification process failed; the firmware update status is unknown.

**Recommended Response**
Verify if the firmware has been updated by checking the new firmware version number. If it has not been updated try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0142

**Message**
File is not valid for iDRAC firmware update.

**Detailed Description**
The firmware update process identified an invalid firmware image.

**Recommended Response**
Upload a valid iDRAC firmware image.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0146

**Message**
Firmware rollback has failed.

**Detailed Description**
Firmware rollback operation failed.

**Recommended Response**
Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0147
Message: Rollback firmware is not available.
Detailed Description: Firmware rollback image is missing or is corrupt.
Recommended Response Action: Upload a new firmware image.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0148
Message: Unable to retrieve the batteries information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the batteries.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0149
Message: Unable to retrieve the fan information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the fans.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
### RAC015

**Message**
Unable to run the method because the input value is not one of the possible values for `AttributeName arg1`.

**Arguments**
`arg1` = attribute name

**Detailed Description**
The input attribute value is not valid for the attribute identified in the message.

**Recommended Response**
Provide valid attribute value for the attribute identified in the message and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0150

**Message**
Unable to retrieve the intrusion sensor information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about system intrusion.

**Recommended Response**
Turn the system on to view this information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0151

**Message**
Unable to retrieve the removable flash media information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about removable flash media.

**Recommended Response**
Turn the system on to view this information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0152

Message: Unable to retrieve the power supply information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about power supplies.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message.

RAC0153

Message: Non-redundant power mode: Check the system hardware manual for implications.
Detailed Description: Power redundancy is typically used to protect equipment from unexpected power disruption that could cause data loss or hardware damage.
Recommended Response Action: It is recommended to use power redundancy
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message.

RAC0154

Message: Non-redundant power mode: Secondary power supply has degraded.
Detailed Description: Displayed when a group of redundant power supplies has one or more individual power supplies with bad status.
Recommended Response Action: Replace the degraded power supply unit. Check the Power Supplies page for more information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message.
---

### RAC0155

**Message**
Unable to retrieve the temperature information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about system temperature.

**Recommended Response**
Turn the system on to view this information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### RAC0156

**Message**
Unable to retrieve the voltage information. The system is powered off.

**Detailed Description**
While the system is powered off it is unable to retrieve information about system voltage.

**Recommended Response**
Turn the system on to view this information.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### RAC0158

**Message**
Uploading kerberos keytab has failed.

**Detailed Description**
The Kerberos keytab is needed by the iDRAC to authenticate itself to the Kerberos (Active Directory) server. It is created on the AD server, and issued for the iDRAC. Its like a password, and therefore should be kept secret.

**Recommended Response**
The Kerberos keytab file may be corrupt. Upload a valid Kerberos keytab file.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0159

**Message**
Certificate upload failed: No pending CSR or private key.

**Detailed Description**
Certificate upload failed because there is no pending Certificate Signing Request (CSR) or private key.

**Recommended Response**
Upload failed due to no pending Certificate Signing Request (CSR). Try creating a new CSR and then upload the certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC016

**Message**
Unable to run the method because an invalid attribute name is entered.

**Detailed Description**
The method cannot be run because an invalid attribute name is entered.

**Recommended Response**
Enter a valid attribute name and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

RAC0160

**Message**
Certificate upload failed: Cannot validate the certificate.

**Detailed Description**
Certificate upload failed because the certificate could not be validated.

**Recommended Response**
Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### RAC0169

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate upload failed: Certificate is not valid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Certificate upload failed because the certificate is not valid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

### RAC017

<table>
<thead>
<tr>
<th>Message</th>
<th>Job created to apply the attribute value.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested job has been created.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

### RAC0171

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate upload failed: Certificate has expired.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Certificate upload failed because the certificate has expired.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Certificate has expired. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**
<table>
<thead>
<tr>
<th>RAC018</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The Job is completed but with errors..</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>All the tasks in the Job were attempted, but some did not complete successfully.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Examine source of the errors by inspecting the results from the Job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>RAC0180</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Certificate upload failed: Unable to get local issuer certificate from the Certification Authority (CA) for confirming the CA is legitimate.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Certificate upload failed. Unable to get local issuer certificate. The local issuer certificate is the certificate for the Certificate Authority (CA) that has signed the certificate for the Active Directory (AD) server, unless it is self signed. The iDRAC needs to verify that the CA is legitimate.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Certificate has expired. Try creating a new CSR and then upload the certificate.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>RAC019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Job did not complete successfully.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The submitted job did not complete successfully.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Examine source of the errors by inspecting the results from the job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**RAC020**

<table>
<thead>
<tr>
<th>Message</th>
<th>Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>The submitted job completed successfully.</td>
</tr>
<tr>
<td>Recommended</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC0206**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Certificate upload failed because this is not a certificate file.</td>
</tr>
<tr>
<td>Recommended</td>
<td>Upload a valid certificate.</td>
</tr>
<tr>
<td>Action Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC0207**

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate upload failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Certificate upload failed possibly due to poor network connection.</td>
</tr>
<tr>
<td>Recommended</td>
<td>Try the operation again in a few minutes. If the problem persists, issue a new Certificate Signing Request (CSR) and try again.</td>
</tr>
<tr>
<td>Action Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
### RAC0208

**Message**
Upload failed: May be due to invalid key data.

**Detailed Description**
Upload failed possibly due to invalid key data.

**Recommended Response**
Upload a certificate with a valid key.

---

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### RAC0209

**Message**
Certificate upload failed: iDRAC unable to upload at this time.

**Detailed Description**
Certificate upload failed because iDRAC unable to upload at this time.

**Recommended Response**
Try the operation again in a few minutes.

---

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### RAC021

**Message**
Unable to set static values for IPAddress Net mask or Gateway because DHCP is Enabled.

**Detailed Description**
The static values for IPAddress Net mask or Gateway cannot be set because DHCP is enabled.

**Recommended Response**
Disable DHCP to set static values for IPAddress Net mask or Gateway.

---

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC0211

Message  
Firmware update has failed.

Detailed Description  
Firmware update has failed. This may be due to a corrupt firmware image, poor network connection, or another issue.

Recommended Response  
Download a new firmware image and try loading the firmware again.

Category  
Audit (RAC = RAC Event)

Severity  
Severity 3 (Informational)

No alerts are applicable for this message

RAC0212

Message  
Login failed. Verify that username and password is correct.

Detailed Description  
This is a generic error message used on all the login pages.

Recommended Response  
Enter valid credentials.

Category  
Audit (RAC = RAC Event)

Severity  
Severity 3 (Informational)

No alerts are applicable for this message

RAC0213

Message  
Missing Username.

Detailed Description  
Login page is missing a username.

Recommended Response  
Enter a valid username.

Category  
Audit (RAC = RAC Event)

Severity  
Severity 3 (Informational)

No alerts are applicable for this message
RAC0214

Message: Missing Password.
Detailed Description: Login page is missing a password.
Recommended Response: Enter a valid password.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0215

Message: Login failed: User does not have Login to iDRAC privilege.
Detailed Description: Login failed because the user does not have Login to iDRAC privilege.
Recommended Response: Login to iDRAC privilege is needed.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0216

Message: Login failed.
Detailed Description: Login failed because of an unknown reason.
Recommended Response: Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### RAC0217

**Message**
- iDRAC is not responding.

**Detailed Description**
- Client did not receive a response for the login request.

**Recommended Response Action**
- Try pinging the iDRAC and then try again.

**Category**
- Audit (RAC = RAC Event)

**Severity**
- Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0218

**Message**
- The maximum number of user sessions is reached.

**Detailed Description**
- A maximum of 4 iDRAC Web GUI sessions can be open at any time.

**Recommended Response Action**
- Close one or more sessions before opening another session.

**Category**
- Audit (RAC = RAC Event)

**Severity**
- Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0219

**Message**
- Power command failed.

**Detailed Description**
- Requested power state change has failed.

**Recommended Response Action**
- Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

**Category**
- Audit (RAC = RAC Event)

**Severity**
- Severity 3 (Informational)

*No alerts are applicable for this message*
**RAC022**

**Message**
Unable to set values for User Password, IPMILan, IPMISerial or User Admin Privilege because the User Name is not configured.

**Detailed Description**
Unable to set values for User Password, IPMILan, IPMISerial or User Admin Privilege because the User Name is not configured.

**Recommended Response Action**
Set User Name before attempting to set values of other identified attributes.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

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**RAC0221**

**Message**
The Destination E-mail Address is too long. The maximum length is 64 characters.

**Detailed Description**
The Destination E-mail Address can contain upto 64 characters.

**Recommended Response Action**
Enter an email address that contains upto 64 characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

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**RAC0222**

**Message**
The Destination E-mail Address is invalid.

**Detailed Description**
The specified email address does not match an email address format. Ex: "janedoe@email.com."

**Recommended Response Action**
Enter a valid email address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
RAC0223

Message  Enter an alphanumeric value or a valid symbol for the following (see the online help for more information):

Detailed Description  The Subject line in the email contains invalid characters.

Recommended Response Action  Invalid character. Enter a valid value as mentioned in the online help.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

No alerts are applicable for this message

RAC0224

Message  Invalid e-mail description.

Detailed Description  A partial string used to construct a complete error message.

Recommended Response Action  Enter a valid email description.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

No alerts are applicable for this message

RAC0225

Message  Sending the test mail failed.

Detailed Description  Sending the test mail failed. This will prevent alert messages from being sent to this email address.

Recommended Response Action  Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

No alerts are applicable for this message
RAC0226

Message: Send Failed: Request processing failed.

Detailed Description: Sending the test mail failed. This will prevent alert messages from being sent to this email address.

Recommended Response: Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0227

Message: SD card is not detected: Insert an SD Card of size greater than 256MB.

Detailed Description: The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.

Recommended Response: This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0228

Message: SD Card is detected with an unrecognized format. Click Initialize to initialize the card.

Detailed Description: SD Card needs to be formatted to make it usable. The card must be initialized.

Recommended Response: Click Initialize to initialize the card and make it usable.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
**RAC023**

**Message**
Unable to enable the User or set values for IPMI Lan, IPMI Serial, or User Admin Privilege because the User Password is not configured.

**Detailed Description**
Unable to enable the User or set values for IPMI Lan, IPMI Serial, or User Admin Privilege because the User Password is not configured.

**Recommended Response**
Set User Password before attempting to enable the other identified attributes.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

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**RAC0230**

**Message**
This operation erases all data in the SD Card. Do you want to continue?

**Detailed Description**
This message is displayed when a confirmation is required to initialize the vFlash SD Card.

**Recommended Response**
Press OK to initialize the SD Card. This will erase all data. If undesired press Cancel.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

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**RAC0231**

**Message**
This operation erases all data in the partition. Do you want to continue?

**Detailed Description**
This message is displayed when a confirmation is required to format the vFlash SD Card partition.

**Recommended Response**
Press OK to initialize this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0235

Message: vFlash image upload timed out.
Detailed Description: When uploading an image to the vFlash partition, the operation is unresponsive, and has timed out.
Recommended Response Action: Try uploading the vFlash image again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0236

Message: Invalid image: Upload failed
Detailed Description: vFlash image upload failed because the image is not valid.
Recommended Response Action: Image may be corrupt. Try uploading a valid vFlash image.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0237

Message: An error occurred while uploading the vFlash image.
Detailed Description: A separate message will provide more detail about this error which was detected while uploading the vFlash image.
Recommended Response Action: Try uploading the vFlash image again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
RAC0238
Message: vFlash is currently in-use by another process. Try again later.
Detailed Description: vFlash is unable to service the request at this time. Try again later.
Recommended Response: Try the operation after a few minutes.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0239
Message: SD Card is write-protected.
Detailed Description: The contents of a write protected SD Card cannot be modified.
Recommended Response: Make sure the SD Card is not write-protected before attempting to change its contents.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC024
Message: Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled.
Detailed Description: Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled.
Recommended Response: Enable VLAN to set VLAN Priority.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
RAC0240

Message  vFlash is disabled.
Detailed Description  vFlash needs to be enabled before attempting this operation.
Recommended Response  Enable vFlash before trying the operation.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

RAC0241

Message  The specified size exceeds the maximum size of \texttt{arg1} MB.
Arguments  \texttt{arg1} = size
Detailed Description  SD Card does not have enough free space available.
Recommended Response  Delete existing data or insert a SD card of greater size and retry.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

RAC0242

Message  The selected partition does not exist.
Detailed Description  The vFlash partition does not exist. This may be due to another user deleting that partition.
Recommended Response  Refresh the Web GUI page to see the available partitions.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)

No alerts are applicable for this message
### RAC0243

**Message**
Partition failed: A partitioning conflict has occurred with another session.

**Detailed Description**
There was a conflict with a concurrent session. Another user may have logged in using a separate browser or RACADM.

**Recommended Response**
There was a conflict with a concurrent session. Refresh the page to see the currently available options.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0244

**Message**
The partition label must be unique.

**Detailed Description**
This message is displayed when a duplicate vFlash partition name is entered.

**Recommended Response**
Enter a unique label name for the partition.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0245

**Message**
The partition is in-use by another process.

**Detailed Description**
The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.

**Recommended Response**
Try the operation after a few minutes or with another partition. If the problem persists, reset iDRAC and repeat the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0246

Message: Partition is read-only.
Detailed Description: The contents of a read-only partition cannot be modified.
Recommended Response Action: Make sure the partition is writable before attempting to change its contents.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0247

Message: The partition is currently attached.
Detailed Description: This message is displayed when trying to format or download to an attached vFlash partition.
Recommended Response Action: Detach this partition and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0248

Message: This operation deletes the partition permanently. Do you want to continue?
Detailed Description: This message is displayed when trying to delete a vFlash partition.
Recommended Response Action: Press OK to delete this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
RAC0249

Message: One or more partitions are in-use by another process.
Detailed Description: The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.
Recommended Response: Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC025

Message: Unable to set values for DNS1 or DNS2 attributes because DNS from DHCP is Enabled.
Detailed Description: Unable to set static values for DNS1 or DNS2 when DNS from DHCP is Enabled.
Recommended Response: Disable DNS from DHCP to set values for DNS1 or DNS2.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0250

Message: One or more partitions are read-only.
Detailed Description: The vFlash partitions are read-only. Therefore, the current operation cannot proceed.
Recommended Response: Make sure the partitions are writable before attempting to change their contents.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0251

Message: One or more partitions are currently attached.
Detailed Description: The vFlash partitions are attached. Therefore, the current operation cannot proceed.
Recommended Response Action: Detach the partitions and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0252

Message: One or more partitions are currently detached.
Detailed Description: The vFlash partitions are detached. Therefore, the current operation cannot proceed.
Recommended Response Action: Attach the partitions and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0253

Message: The IP Address is invalid. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].
Detailed Description: This error message is displayed to indicate that the IPv4 address does not conform to the required format.
Recommended Response Action: Enter a valid IP Address. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0254

Message
The Gateway Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description
This error message is displayed to indicate that the IPv4 Gateway Address does not conform to the required format.

Recommended Response
Enter a valid Gateway Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0255

Message
The Subnet Mask is invalid. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

Detailed Description
This error message is displayed to indicate that the IPv4 Subnet Mask does not conform to the required format.

Recommended Response
Enter a valid Subnet Mask. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0256

Message
The Preferred DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description
This error message is displayed to indicate that the Preferred DNS IPv4 address does not conform to the required format.

Recommended Response
Enter a valid Preferred DNS Server Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
RAC0257

Message
The Alternate DNS Server Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Detailed Description
This error message is displayed to indicate that the Alternate DNS IPv4 address does not conform to the required format.

Recommended Response
Enter a valid Alternate DNS Server Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0259

Message
Invalid IPv6 address.

Detailed Description
This error message is displayed to indicate that the IPv6 address does not conform to the required format.

Recommended Response
Enter a valid IPv6 address.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC026

Message
Unable to set DNS Domain Name because “Domain Name From DHCP” is Enabled.

Detailed Description
Unable to set DNS Domain Name because “Domain Name From DHCP” is Enabled.

Recommended Response
Disable “Domain Name From DHCP” to set values for DNS Domain Name.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
**RAC0260**

**Message**
Invalid IPv6 prefix length. Expected range: 0-128.

**Detailed Description**
The specified IPv6 address prefix length is invalid.

**Recommended Response**
Enter a valid IPv6 prefix length. Expected range: 0-128.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**RAC0261**

**Message**
Invalid IPv6 gateway address.

**Detailed Description**
This error message is displayed to indicate that the IPv6 gateway address does not conform to the required format.

**Recommended Response**
Enter a valid IPv6 gateway address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**RAC0262**

**Message**
The Preferred IPv6 DNS Server Address is invalid.

**Detailed Description**
This error message is displayed to indicate that the Preferred IPv6 DNS Server address does not conform to the required format.

**Recommended Response**
Enter a valid Preferred IPv6 DNS server address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
RAC0263

Message          The Alternate IPv6 DNS Server Address is invalid.
Detailed Description          This error message is displayed to indicate that the Alternate IPv6 DNS Server address does not conform to the required format.
Recommended Response          Enter a valid Alternate IPv6 DNS server address.

Category          Audit (RAC = RAC Event)
Severity          Severity 3 (Informational)

No alerts are applicable for this message

RAC0265

Message          Specify the VLAN ID and VLAN Priority.
Detailed Description          If VLAN is enabled, specify the VLAN ID and VLAN Priority.
Recommended Response          Enter a VLAN ID and VLAN Priority.

Category          Audit (RAC = RAC Event)
Severity          Severity 3 (Informational)

No alerts are applicable for this message

RAC0266

Message          Invalid VLAN ID. Expected range: 1-4094.
Detailed Description          Specify a valid VLAN ID.
Recommended Response          Enter a VLAN ID. Expected range: 1-4094.

Category          Audit (RAC = RAC Event)
Severity          Severity 3 (Informational)

No alerts are applicable for this message
RAC0267

**Message**
Invalid VLAN Priority. Expected range: 0-7.

**Detailed Description**
Specify a valid VLAN Priority.

**Recommended Response**
Enter a valid VLAN Priority. Expected range: 0-7.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0268

**Message**
NIC is disabled.

**Detailed Description**
The NIC is disabled. This may adversely affect the current operation, and might not allow subsequent GUI interactions to this NIC.

**Recommended Response**
Enable the NIC before performing the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0269

**Message**
The NIC MTU is invalid. Expected range: 576-1500 or 0x240-0x5DC.

**Detailed Description**
Specify a valid NIC MTU.

**Recommended Response**
Enter a valid NIC MTU. Expected range: 576-1500 or 0x240-0x5DC.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### RAC027

**Message**
Unable to set values for Speed or Duplex because Auto Negotiation is Enabled.

**Detailed Description**
Unable to set static values for Speed or Duplex when the Auto Negotiation attribute is enabled.

**Recommended Response**
Disable Auto Negotiation in order to set values for Speed or Duplex.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0270

**Message**
IPv4 and IPv6 are disabled.

**Detailed Description**
This is a warning message that continuing this operation does not allow subsequent GUI interactions to this NIC.

**Recommended Response**
Enable IPv4 or IPv6 before continuing the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0271

**Message**
Continuing will lock user account.

**Detailed Description**
Locking the user account prevents them from gaining access to iDRAC.

**Recommended Response**
Press OK to lock this user account. This action will prevent future access for this user. If undesired press Cancel.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**RAC0272**

**Message**
Disabling NIC will prevent the user from accessing the iDRAC remotely through Web GUI, Remote Racadm, Ssh, and Telnet. Local Racadm and serial interface will continue to work.

**Detailed Description**
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response**
Disable NIC only if remote access is undesired.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC0273**

**Message**
iDRAC access will be limited to running the Racadm utility on the local server or using the serial interface.

**Detailed Description**
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response**
Enable remote access to access iDRAC remotely.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC0274**

**Message**
See the iDRAC user documentation for more information on using the Racadm utility or the serial interface.

**Detailed Description**
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response**
See iDRAC user documentation for more information on using racadm.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### RAC0275

**Message**  
Click OK to disable the NIC. Click Cancel to keep the setting unchanged.

**Detailed Description**  
If the the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response**  
Disable NIC only if remote access is undesired.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0276

**Message**  
To save the changes and update this page, click Apply.

**Detailed Description**  
If the the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response**  
Click Apply to save changes.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0277

**Message**  
Disabling IPv4 prevents access to iDRAC using an IPv4 address.

**Detailed Description**  
This warning message appears when IPv4 is disabled.

**Recommended Response**  
Use IPv6 network to access iDRAC remotely.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
**RAC0278**

**Message**
Disabling IPv6 prevents access to iDRAC using an IPv6 address.

**Detailed Description**
This warning message appears when IPv6 is disabled.

**Recommended Response**
Use IPv4 network to access iDRAC remotely.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC0279**

**Message**
Invalid Encryption Key. Expected format: 0 to 40 characters, even number of characters and no blank spaces are allowed.

**Detailed Description**
An invalid IPMI encryption key was entered.

**Recommended Response**
Enter a valid encryption key of up to 40 characters. Odd number of characters and blank spaces are not allowed.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC028**

**Message**
Unable to Enable "DNS Domain Name From DHCP" or "DNS From DHCP" because DHCP is Disabled.

**Detailed Description**
The attributes "DNS Domain Name From DHCP" and "DNS From DHCP" are dependent on the attribute DHCP being Enabled. Currently DHCP is configured as Disabled.

**Recommended Response**
Set DHCP attribute to Enable to be able to Enable DNS Domain Name From DHCP or DNS From DHCP.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC0280

**Message**
The IP Range Address is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

**Detailed Description**
This error message is displayed to indicate that the IPv4 address does not conform to the required format.

**Recommended Response**
Enter a valid IP Range Address. Expected range: 0.0.0.0 - 255.255.255.255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0281

**Message**
The IP Subnet Mask is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

**Detailed Description**
This error message is displayed to indicate that the IP Subnet Mask does not conform to the required format.

**Recommended Response**
Enter a valid IP Subnet Mask. Expected range: 0.0.0.0 - 255.255.255.255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0282

**Message**
IP Blocking Fail Count is invalid. Expected range: 2-16.

**Detailed Description**
This is the number of login failures attempted from an IP address before further login attempts are rejected from that address. The default value is 10.

**Recommended Response**
Enter a valid IP Blocking Fail Count. Expected range: 2-16.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC0283

Message: IP Blocking Fail Window is invalid. Expected range: 10-65535.

Detailed Description: This is the time span (in seconds) within which IP Blocking Fail Count failures must occur to trigger the IP Blocking Penalty Time. The default value is 3600 seconds (1 hour).

Recommended Response Action: Enter a valid IP Blocking Fail Window. Expected range: 10-65535.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0284

Message: IP Blocking Fail Penalty Time is invalid. Expected range: 10-65535.

Detailed Description: This is the time span (in seconds) within which login attempts from an IP address with excessive failures are rejected. The default value is 3600 seconds (1 hour).

Recommended Response Action: Enter a valid IP Blocking Fail Penalty Time. Expected range: 10-65535.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0285

Message: User name cannot be empty.

Detailed Description: The user name cannot be empty when creating a user account.

Recommended Response Action: Enter a user name.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0286

**Message**
New Password and Confirm New Password fields cannot be empty.

**Detailed Description**
When creating a user account, the New Password and Confirm New Password fields cannot be empty.

**Recommended Response**
Enter valid passwords for New Password and Confirm New Password.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0288

**Message**
Invalid entry: Entry must be exclusively alphanumeric characters and valid symbols.

**Detailed Description**
All characters entered must be alphanumeric or valid symbols.

**Recommended Response**
Enter all alphanumeric characters and valid symbols.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC0289

**Message**
Values in New Password and Confirm New Password fields do not match.

**Detailed Description**
When creating a user account, the same value must be entered for New Password and Confirm New Password.

**Recommended Response**
Enter the same values for both New Password and Confirm New Password.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
RAC029

Message: Unable to complete the operation because necessary dependency values are not found in the input.

Detailed Description: The operation cannot be completed because necessary dependency values are not found in the input.

Recommended Response: Refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and Profile Documents available at the support site, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0290

Message: The user name cannot have spaces.

Detailed Description: The user name value does not accept spaces.

Recommended Response: Do not enter spaces in the user name. If desired, use underscores.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0291

Message: The user name cannot contain: /, \, @, ., or " (quotation mark).

Detailed Description: The user name value does not accept these characters.

Recommended Response: Do not enter /, \, @, ., or " (quotation mark) for user name.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0292

Message: A valid certificate is not loaded.
Detailed Description: This error is displayed when LDAP or Active Directory cannot find its certificate.
Recommended Response: Load a valid certificate.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0293

Message: When certificate validation is enabled, a valid root Certificate Authority (CA) certificate must be uploaded. The CA certificate is used to verify the directory server SSL certificate.
Detailed Description: This error is displayed when LDAP or Active Directory cannot find an associated Certificate Authority (CA) certificate.
Recommended Response: Upload a valid root Certificate Authority (CA) certificate.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

RAC0294

Message: The Character Accumulate Interval value is invalid. Expected range: 1-255.
Detailed Description: The amount of time iDRAC waits before sending a partial Serial Over LAN (SOL) data packet. This parameter is specified in milliseconds. It is recommended to use 10 milliseconds for optimal performance.
Recommended Response: Enter a valid Character Accumulate Interval value. Expected range: 1-255.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
**RAC0295**

**Message**
The Character Send Threshold value is invalid. Expected range: 1-255.

**Detailed Description**
This is the number of characters per Serial Over LAN (SOL) data packet. When the number of characters accepted by iDRAC is equal to or greater than the Character Send Threshold value, iDRAC starts transmitting SOL data packets that contain the numbers of characters equal to or less than the Character Send Threshold value. If a packet contains fewer characters than this value, it is defined to be a partial SOL data packet. It is recommended to use 255 characters for optimal performance.

**Recommended Response Action**
Enter a valid Character Send Threshold value. Expected range: 1-255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**RAC0297**

**Message**
Specify a Domain Controller Address must be configured.

**Detailed Description**
The Domain Controller Address be specified for Active Directory configuration.

**Recommended Response Action**
Enter a valid Domain Controller Address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**RAC0298**

**Message**
Root Domain Name must be configured.

**Detailed Description**
A Root Domain Name must be specified for Active Directory configuration.

**Recommended Response Action**
Root Domain Name must be configured.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### RAC030

**Message:** This attribute is dependent on a related attribute that has an incorrect value.

**Detailed Description:** This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.

**Recommended Response Action:** Refer to the Lifecycle Controller - Remote Services User Guide or the DCIM iDRAC Card Profile to determine the required values for the related attribute and retry the operation with the appropriate value.

**Category:** Configuration (RAC = RAC Event)

**Severity:** Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0301

**Message:** Remote File Share connection is unavailable. Check the settings and try again.

**Detailed Description:** User will be unable to connect to Remote File Share.

**Recommended Response Action:** Make sure proper connectivity exists between the client and the remote file share before using this feature.

**Category:** Audit (RAC = RAC Event)

**Severity:** Severity 3 (Informational)

*No alerts are applicable for this message*

### RAC0302

**Message:** iDRAC Express does not support this feature.

**Detailed Description:** This error message is displayed when iDRAC does not have a valid Enterprise license.

**Recommended Response Action:** Upgrade to iDRAC Enterprise for supporting this feature.

**Category:** Audit (RAC = RAC Event)

**Severity:** Severity 3 (Informational)

*No alerts are applicable for this message*
### RAC0303

<table>
<thead>
<tr>
<th>Message</th>
<th>Virtual Console is disabled or you do not have the Access Virtual Console privilege.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>This error message is displayed when Virtual Console feature is unavailable.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Enable Virtual Console and ask the administrator to grant Access Virtual Console privilege.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### RAC0304

<table>
<thead>
<tr>
<th>Message</th>
<th>Firmware update is terminated.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Firmware update is terminated.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### RAC031

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation because an incorrect username is entered.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be completed because an incorrect username is entered.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Enter a valid username and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
RAC032

Message: Invalid value specified for DNS RAC name.
Detailed Description: The DNS RAC name specified is not valid.
Recommended Response: Retry operation with valid DNS RAC name.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC033

Message: Unable to enable attribute because IPv4 is Disabled.
Detailed Description: The specified attribute cannot be enabled since it depends on IPv4 to be enabled.
Recommended Response: Enable IPv4 and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC034

Message: Unable to create a job because the job queue is full.
Detailed Description: The job queue is full.
Recommended Response: Wait for existing jobs to run to completion or delete some jobs from the job queue.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
RAC035

Message: No pending configurations.
Detailed Description: There are no pending values for any of the iDRAC attributes.
Recommended Response: Make sure there are pending values for the attributes that are targeted for configuration.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC036

Message: Attribute dependency failed.
Detailed Description: The value of the specified attribute is dependent on the value of another attribute. The current value dependency is invalid. The other attribute value must be changed before the specified attribute value can be set.
Recommended Response: Refer to the Lifecycle Controller-Remote Services documentation for the specified attribute dependency on another attribute value and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC037

Message: No pending configurations to delete.
Detailed Description: There are no pending configurations to delete.
Recommended Response: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC038

Message: Unable to perform the operation due to an unknown error in iDRAC.

Detailed Description: The operation did not complete successfully because of an unknown error in the iDRAC.

Recommended Response: Retry the action. If the issue persists, reset the iDRAC.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC039

Message: Invalid parameter value for arg1.

Arguments: arg1 = parameter

Detailed Description: The value provided for the specified parameter is invalid.

Recommended Response: Verify the value for the specified parameter. Refer to the Lifecycle Controller-Remote Services documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC040


Arguments: arg1 = parameters

Detailed Description: One or more required parameters needed for the method invoked in the operation are missing.

Recommended Response: Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
RAC0400

Message: iDRAC memory low.

Detailed Description: iDRAC is running low on memory.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 2 (Warning)

Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

iDRAC
CMC

LC Log
- LC
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

iDRAC ✔
CMC

RAC0401

Message: idracmonitor: arg1

Arguments: 
arg1 = error string

Detailed Description: Critical error from iDRAC service recovery program.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 1 (Critical)

Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

iDRAC ✔
CMC
RAC041

Message: The set operation on the event filters failed.
Detailed Description: The event filters set operation did not complete successfully due to invalid input parameters.
Recommended Response: Verify the specified input parameters and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC042

Message: Invalid number of input parameters.
Detailed Description: The number of input parameters provided is not valid to perform the operation.
Recommended Response: Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC043

Message: Unable to update some event filter settings.
Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.
Recommended Response: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
RAC044

Message: Unable to update some event filter settings.
Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.
Recommended Response: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC045

Message: Event filter does not exist for input parameter combination.
Detailed Description: The combination of input parameters provided did not match any event filters.
Recommended Response: Verify the combination of input parameters and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC046

Message: Unsupported event notification for the event filter specified.
Detailed Description: The event notification selected is not supported for the event filter specified.
Recommended Response: Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event notification selection on the specified filter.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
RAC047

Message
Unsupported event action for the specified event filter.

Detailed Description
The event action selected is not supported for the event filter specified.

Recommended Response
Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event action selection on the specified filter.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC048

Message
The operation was successful.

Detailed Description
The operation completed successfully.

Recommended Response
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC049

Message
Resource allocation failure.

Detailed Description
The operation did not complete successfully because of lack of memory or file space in the iDRAC.

Recommended Response
Reset the iDRAC and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 1 (Critical)

No alerts are applicable for this message
**RAC050**

- **Message**: Invalid country code.
- **Detailed Description**: The country code is not entered in the correct format or does not exist. Refer to ISO 3166 for the correct country code format.
- **Recommended Response**: Enter country code in the correct format as defined in ISO 3166. For example, United States = US.
- **Category**: Configuration (RAC = RAC Event)
- **Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0500**

- **Message**: There are no batteries to be displayed.
- **Detailed Description**: Batteries cannot be displayed. This error may occur if the host system is powered off or there is a bad or disconnected cable for batteries connected to the controller.
- **Recommended Response**: 1. Check if the host system is powered off or shutdown. 2. Verify that the batteries are connected properly.
- **Category**: Storage (RAC = RAC Event)
- **Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0501**

- **Message**: There are no physical disks to be displayed.
- **Detailed Description**: Physical disks cannot be displayed. This error may occur if the host system is powered off or the physical disks are removed. This may result in communication loss while retrieving controller data.
- **Recommended Response**: 1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. There are no out-of-band capable controllers detected.
- **Category**: Storage (RAC = RAC Event)
- **Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*
**RAC0502**

**Message**: There are no virtual disks to be displayed.

**Detailed Description**: Virtual disks cannot be displayed. This error may occur if the host system is powered off or there are no virtual disks created.

**Recommended Response Action**: 1. Check if the host system is powered off or shutdown. 2. Check if virtual disks are created.

**Category**: Storage (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0503**

**Message**: There are no out-of-band capable controllers to be displayed.

**Detailed Description**: Out-of-band controllers cannot be displayed. This error may occur if the host system is powered off, or controllers are removed or disconnected.

**Recommended Response Action**: Check if the host system is powered off or shutdown.

**Category**: Storage (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0504**

**Message**: There are no enclosures to be displayed.

**Detailed Description**: Enclosures cannot be displayed. This error may occur if the host system is powered off, there is no enclosure connected to the controller, or there is a bad or disconnected adapter cable for the enclosure.

**Recommended Response Action**: 1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.

**Category**: Storage (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*
### RAC0505

**Message**
There are no devices to be displayed.

**Detailed Description**
Devices are not displayed. This error may occur because these components are removed or disconnected.

**Recommended Response Action**
1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0506

**Message**
You do not have privileges to perform this operation.

**Detailed Description**
This error occurs when the user tries to access a program or function that is beyond user granted privileges.

**Recommended Response Action**
Contact the system administrator to perform the operation or grant the required privileges.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

### RAC0507

**Message**
Unable to find the requested resource.

**Detailed Description**
The requested information cannot be displayed, because the system did not find any matching resource. This occurs because the system is turned off, resource is not present, or the resource is removed or deleted. For example, resources such as physical disks, vFlash SD card, SSL certificate or custom signing certificate.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Turn on the system. 2) Make the resource available.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC0508
Message: An unexpected error occurred.
Detailed Description: The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.
Recommended Response: Wait for few minutes and refresh the page. If the problem persists, contact service provider.
Category: Storage (RAC = RAC Event)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

RAC0509
Message: The server is temporarily unavailable. Try again after sometime
Detailed Description: The server is currently unable to handle the request due to temporary overloading or server maintenance.
Recommended Response: Wait for few minutes and refresh the page. If the issue persists, contact service provider.
Category: Storage (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC051
Message: Unsupported parameter name arg1.
Arguments: arg1 = parameter name
Detailed Description: The parameter name is not supported.
Recommended Response: Remove the unsupported parameter and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
RAC0510

Message: There are no events to be displayed.
Detailed Description: This error occurs if Lifecycle log events have not occurred recently.
Recommended Response: No response action is required.
Category: Storage (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0511

Message: There are no physical disks to be displayed.
Detailed Description: Physical disks cannot be displayed. This error may occur if the host system is powered off, physical disks are removed, or incorrect filters are applied.
Recommended Response: 1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. Check if correct filters are applied. 4. Check that the Storage Enclosure is on. 5. Verify that the adapter cables are properly connected and there are no bent pins.
Category: Storage (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0512

Message: There are no virtual disks to be displayed.
Detailed Description: Virtual disks cannot be displayed. This error may occur if the host system is powered off, no virtual disks were created, or incorrect filters are applied.
Recommended Response: 1. Check if the host system is ON. 2. Check if virtual disks are created. 3. Check if correct filters are applied. 4. Check if the Storage Enclosure is ON. 5. Verify that the adapter cables are properly connected and there are no bent pins.
Category: Storage (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
## RAC0513

**Message**
There are no virtual disks to be displayed.

**Detailed Description**
There are no virtual disks to be displayed. There may be no virtual disks created, the controller(s) may not be in RAID mode, or there may be pending creation or deletion jobs that have not completed.

**Recommended Response Action**
Check the following:
1) Check if the server is turned off. If the server is turned off, turn it on and wait until POST completes.
2) If no virtual disks are created, to start the virtual disk creation process, click #{create_virtualdisk_link}.
3) If create virtual disk operation(s) are in a pending state, complete the creation process. To complete the virtual disk(s) creation, go to the Pending Operations page and create a configuration job on the appropriate controller.
4) If delete virtual disk operation(s) are in pending state, then cancel the operation. To cancel delete virtual disk pending operation(s), go to the Pending Operations page and delete all pending operation(s) on the appropriate controller.
5) If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

## RAC0514

**Message**
Unable to create virtual disk(s) on the selected controller.

**Detailed Description**
Virtual disk(s) cannot be created because of one or more reasons identified in the Recommended Response Action.

**Recommended Response Action**
Check the following:
1) If no physical disk drives are available for virtual disk (VD) creation, install additional physical disk drives.
2) If the maximum number of VDs that can be created on the controller has been reached, a new VD cannot be created until an existing VD is deleted.
3) If the maximum number of VDs supported by drive group has been created, a new VD cannot be created until an existing VD is deleted from the selected drive group.
4) If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation.
5) If a job is currently running or scheduled on the selected controller, the job must be completed or deleted before attempting a new operation. Status of the scheduled job can be viewed and managed on the Job Queue page on iDRAC. Click Job Queue link to view the status of the scheduled jobs.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
RAC0516

Message: Converting physical disk drives to RAID-compatible will overwrite any OS-created RAID arrays.

Detailed Description: Converting physical disk drives to RAID-compatible will overwrite any OS-created RAID arrays.

Recommended Response: Make sure that there are no OS-configured RAID arrays, and then click OK.

Category: Storage (RAC = RAC Event)

Severity: Severity 2 (Warning)

<table>
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<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
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<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
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</tr>
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<tbody>
<tr>
<td>iDRAC</td>
<td></td>
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</tr>
</tbody>
</table>

RAC052

Message: Unable to create a configuration job because an existing configuration job is already in progress.

Detailed Description: Unable to create a configuration job because an existing configuration job is already in progress. Only one configuration job for a component can run or can be processed at any time.

Recommended Response: Retry the operation after the existing configuration job is complete, or cancel the existing configuration job and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC053

Message: OS to iDRAC pass-through is disabled.
Detailed Description

One or more attributes being set are dependent on OS to iDRAC pass-through being enabled.

Recommended Response

Enable OS to iDRAC pass-through and retry the previous command.

Category

Configuration (RAC = RAC Event)

Severity

Severity 3 (Informational)

No alerts are applicable for this message

RAC054

Message

User account attributes cannot be reset to default values due to an internal error.

Detailed Description

The user account attributes cannot be reset to default values due to an internal error.

Recommended Response

Make sure the configuration XML file contains valid values for user account attributes and retry the operation.

Category

Configuration (RAC = RAC Event)

Severity

Severity 3 (Informational)

No alerts are applicable for this message

RAC055

Message

User name cannot be cleared because the user account is enabled in the input configuration XML file.

Detailed Description

The user name for the user account cannot be cleared because the user account is enabled in the configuration XML file.

Recommended Response

Retry the operation after disabling the user account in the configuration XML file.

Category

Configuration (RAC = RAC Event)

Severity

Severity 3 (Informational)

No alerts are applicable for this message

RAC056

Message

Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: \texttt{arg1}

Arguments

\texttt{arg1} = user ID
Detailed Description: The Authentication Protocol attribute for the user account identified in the message cannot be disabled because the Privacy Protocol attribute is enabled. The Privacy Protocol for the user account is not set to None.

Recommended Response: Disable the Privacy Protocol attribute for the identified user ID account by setting the value to None, and retry the operation to set Authentication Protocol attribute to None.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

---

**RAC0560**

Message: RAC Software Initialization Error

Detailed Description: RAC Software Initialization error. Monitoring data will not be available for PERC and Network Cards.

Recommended Response: Contact Dell Tech Support

Category: System Health (RAC = RAC Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2531

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<td>CMC</td>
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<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<th>Chassis Event Proxy</th>
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</tr>
</tbody>
</table>

---

**RAC0561**

Message: iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots.

Detailed Description: iDRAC lost connection with CMC proxy component that enables agent free monitoring of PCIe slots. Agent free monitoring will not be supported for Chassis PCIe slots while this connection is not functioning.
Recommended Response Action

Do the following: 1) Check the Lifecycle Log for the subsequent RAC0562 communications restored message that will indicate the link was re-established automatically. 2) If there is no subsequent RAC0562 message in the Lifecycle Log, restart the iDRAC. The iDRAC can be restarted by using the RACADM command line utility and entering “racadm racreset”. 3) After the iDRAC has restarted, if the communications link is still not functioning, restart the CMC and check the Lifecycle Log for this link error after the CMC has restarted. 4) If the issue persists, contact your service provider.

Category
System Health (RAC = RAC Event)

Severity
Severity 3 (Informational)

Trap/EventID 2531

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<tr>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

RAC0562

Message
iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots.

Detailed Description
iDRAC automatically restored connection with CMC proxy component. Agent free Monitoring will now be supported for Chassis PCIe slots.

Recommended Response Action
No response action is required.

Category
System Health (RAC = RAC Event)

Severity
Severity 3 (Informational)

Trap/EventID 2531

<table>
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<tr>
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<td>✔</td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
RAC057

Message
Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: arg1.

Arguments
arg1 = user ID

Detailed Description
The Privacy Protocol for the user cannot be enabled because the Authentication protocol is disabled.

Recommended Response
Enable the Authentication Protocol attribute for the identified user ID account, and retry the operation to set the Privacy Protocol to an enabled state.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC058

Message
AttributeValue is not unique for AttributeName arg1.

Arguments
arg1 = attribute name

Detailed Description
The value provided for the specified attribute is not unique. For example, the user name for a user account must be unique.

Recommended Response
Provide a unique value for the specified attribute. For more information about the component being managed, see the DCIM Profile documentation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC059

Message
Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled.

Detailed Description
When the Network Time Protocol (NTP) feature is enabled, the iDRAC will get time from the configured NTP server. Directly configuration of the iDRAC time is disabled when NTP is enabled.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RAC060</strong></td>
<td><strong>Message</strong>: Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server <code>arg1</code>&lt;br&gt;<strong>Arguments</strong>: <code>arg1</code> = attribute name&lt;br&gt;<strong>Detailed Description</strong>: The attribute identified in the message could not be set, because certain features cannot be enabled when OMSA is installed on the server.<strong>Recommended Response</strong>&lt;br&gt;<strong>Action</strong>: Uninstall OMSA, and then retry the operation.</td>
</tr>
<tr>
<td><strong>RAC0600</strong></td>
<td><strong>Message</strong>: Unable to retrieve the temperature information.&lt;br&gt;<strong>Detailed Description</strong>: Temperature information cannot be displayed. This error may occur if the server is powered off.&lt;br&gt;<strong>Recommended Response</strong>&lt;br&gt;<strong>Action</strong>: Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact service provider.</td>
</tr>
<tr>
<td><strong>RAC0601</strong></td>
<td><strong>Message</strong>: Unable to retrieve alert recurrence information.&lt;br&gt;<strong>Detailed Description</strong>: The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.</td>
</tr>
<tr>
<td>Message</td>
<td>System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled.</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The system inventory may not be up-to-date because the Collect System Inventory On Restart (CSIOR) feature is disabled. The CSIOR feature retrieves detailed system inventory information during system startup and stores this information on iDRAC.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>
Recommended Response
Enable CSIOR, restart the system and retry the operation. To enable CSIOR, press F2 (System Setup) during system startup, navigate to iDRAC Settings >Lifecycle Controller, and select the Enabled option for Collect System Inventory on Restart.

Category
Configuration (RAC = RAC Event)

Severity
Severity 1 (Critical)

No alerts are applicable for this message

RAC0605

Message
There are no jobs to be displayed.

Detailed Description
There are no jobs to be displayed.

Recommended Response
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0606

Message
The network connection test operation was successful.

Detailed Description
The selected network connection test operation was successful.

Recommended Response
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0607

Message
Unable to perform OS to iDRAC Pass-Through with the current system configuration.

Detailed Description
The integrated NICs in the system do not support OS to iDRAC Pass-Through.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0608**

**Message**
The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed.

**Detailed Description**
The message appears in Job Queue page when the iDRAC firmware update job status is downloading. Communication to the iDRAC will be lost when the iDRAC restarts to complete the firmware update.

**Recommended Response**
Reconnect iDRAC communications session after iDRAC is restarted. The iDRAC will be ready for login once the restart is complete.

**Arguments**
arg1 = import or export job ID

**RAC0609**

**Message**
The job arg1 has been successfully added to the job queue.

**Arguments**
arg1 = import or export job ID

**Detailed Description**
The import or export system configuration operation with the job ID indicated in the message was successfully added to the Job Queue.

**Recommended Response**
No response action is required. The status of jobs can be viewed on the Job Queue page.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**RAC061**

**Message**
Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.
The IPMI Watchdog can not be enabled at the same time as the OS Watchdog.

Disable the OS Watchdog before enabling IPMI Watchdog.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

RAC0610

The passphrase and confirm passphrase values entered do not match.

Different values were entered for passphrase and confirm passphrase field.

Values entered in passphrase and confirm passphrase fields must be the same.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

RAC0611

IP Address cannot be blank.

The IP address cannot be blank for import or export of system configuration profile operation.

Enter a valid IP Address for network location.

Audit (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

RAC0612

Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?

Cancelling the firmware update operation will cancel all firmware updates selected and delete all uploaded firmware files.
<table>
<thead>
<tr>
<th><strong>Recommended Response</strong></th>
<th>Select Yes to cancel the firmware update operation and delete all uploaded firmware files. Select No to dismiss the message and continue the firmware update operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
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</tr>
<tr>
<td><strong>Severity</strong></td>
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<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**RAC0613**

**Message**
The uploaded file is invalid.

**Detailed Description**
An internal error occurred because of an invalid file.

**Recommended Response**
Make sure to upload the required file in the correct format and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0614**

**Message**
Incorrect password for PKCS#12 file.

**Detailed Description**
The specified password was incorrect for the PKCS#12 file.

**Recommended Response**
Make sure to use the correct password for the PKCS#12 file. If the PKCS#12 file is encrypted with a password, add it in required password box. Leave the password box empty if the file was not encrypted with a password.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0615**

**Message**
Invalid PKCS#12 file.

**Detailed Description**
The contents of the PKCS12 file was not valid because one of the following: 1) Not a valid PKCS#12 file, 2) Not a valid pfx file or 3) Did not contain a valid key.

**Recommended Response**
Make sure to upload the file in PKCS#12 format. OpenSSL can be used to validate a PKCS#12 file.
RAC0616

Message: Error while extracting custom signing certificate and private key from the PKCS#12 file.

Detailed Description: iDRAC was unable to continue with the operation after the PKCS#12 file was uploaded, because it is not able to extract the custom signing certificate and private key.

Recommended Response: Make sure to upload the PKCS#12 file that contains a valid custom signing certificate and private key.

RAC0617

Message: An error was encountered while generating new SSL Certificate.

Detailed Description: An error occurred while generating new iDRAC SSL Certificate or signing it with new custom signing certificate.

Recommended Response: Make sure to upload a PKCS#12 file that contains a valid custom signing certificate and private key, then retry the operation.

RAC0618

Message: Incorrect data entered.

Detailed Description: The data entered caused an error while processing the request.

Recommended Response: Make sure to enter the correct data and retry the operation.
**RAC0619**

**Message**  
The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed.

**Detailed Description**  
The message appears in Firmware Rollback page when the iDRAC firmware rollback action completed successfully.

**Recommended Response**  
Reconnect iDRAC communications sessions after iDRAC is restarted. The iDRAC will be ready for login once the restart is complete.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

No alerts are applicable for this message

---

**RAC062**

**Message**  
Unable to set the WatchdogResetTime because the IPMI Watchdog state is disabled.

**Detailed Description**  
The WatchdogResetTime can not be set if the IPMI Watchdog state is disabled.

**Recommended Response**  
Enable the IPMI Watchdog state and retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

No alerts are applicable for this message

---

**RAC0620**

**Message**  
Lifecycle Controller is unable to delete the selected jobs.

**Detailed Description**  
Lifecycle Controller is currently busy performing tasks. The selected jobs cannot be deleted until the following: 1) The Lifecycle Controller tasks are completed. 2) The system completes all the Power-on-Self-test (POST) operations.

**Recommended Response**  
Wait until Lifecycle Controller completes the current tasks and the system completes Power-on Self-test (POST).

**Category**  
Configuration (RAC = RAC Event)
<table>
<thead>
<tr>
<th>Severity</th>
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</tr>
</thead>
<tbody>
<tr>
<td><em>No alerts are applicable for this message</em></td>
<td></td>
</tr>
</tbody>
</table>

### RAC0621

**Message**
Successfully completed the iDRAC firmware update. All current user sessions will be closed.

**Detailed Description**
The message appears in Job Queue page when the iDRAC firmware update job status is completed. Communication to the iDRAC will be lost.

**Recommended Response Action**
The iDRAC will be ready for login once the restart is complete.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0622

**Message**
An invalid certificate file is uploaded.

**Detailed Description**
The certificate file is invalid for one of the following reasons: 1) CA Certificate is corrupted, expired, or does not have signing privileges. 2) CA private key does not match with CA Certificate being uploaded.

**Recommended Response Action**
Make sure the CA certificate and private key are correct and retry the operation. The certificate can be validated using the OpenSSL tools.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0623

**Message**
The firmware versions on all the components of this server are up-to-date.

**Detailed Description**
A firmware update is not required for the components on the server, because current firmware versions are the latest available in the repository.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
No alerts are applicable for this message

RAC0624
Message
Unable to find the requested job type or ID.
Detailed Description
The requested operation could not be completed, because an incorrect job type or job ID is entered.
Recommended Response
Enter the correct job type or ID, and then retry the operation.
Category
Configuration (RAC = RAC Event)
Severity
Severity 2 (Warning)
No alerts are applicable for this message

RAC0625
Message
Unable to schedule, because the requested job schedule type is not enabled.
Detailed Description
The requested job cannot be scheduled, because job schedule types such as Automatic Backup or Automatic Update is not enabled.
Recommended Response
Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Backup feature, select the Enable Automatic Backup option.
Category
Configuration (RAC = RAC Event)
Severity
Severity 2 (Warning)
No alerts are applicable for this message

RAC0626
Message
Unable to schedule, because an invalid schedule parameter is entered.
Detailed Description
The job cannot be scheduled, because all or some of the schedule parameters entered are incorrect.
Recommended Response
Enter correct input schedule parameters and retry the operation.
Category
Configuration (RAC = RAC Event)
Severity
Severity 2 (Warning)
No alerts are applicable for this message
RAC0627

Message
Unable to schedule, because the requested recurrent Automatic Backup job is already scheduled.

Detailed Description
The job cannot be scheduled, because the requested recurrent Automatic Backup job is already scheduled.

Recommended Response
Delete the current scheduled job, and then retry to create a new Automatic Backup job with a new schedule.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0628

Message
Unable to schedule, because the requested recurrent Automatic Update job is already scheduled.

Detailed Description
The job cannot be scheduled, because the requested recurrent Automatic Update job is already scheduled.

Recommended Response
Delete the current scheduled job, and then retry to create a new Automatic Update job with a new schedule.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0629

Message
Unable to schedule, because an invalid job type is entered.

Detailed Description
The job cannot be scheduled, because the requested job type is not supported.

Recommended Response
Enter a correct job type, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
### RAC063

**Message**  
The string length of the provided value for arg1 is inappropriate.

**Arguments**  
arg1 = attribute name

**Detailed Description**  
The string length of the entered value for the attribute identified in the message may be less than the minimum length or greater than the maximum length allowed.

**Recommended Response**  
Make sure that the string length is correct and retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0630

**Message**  
Unable to schedule, because an invalid network file share type is entered.

**Detailed Description**  
The job cannot be scheduled, because the requested network file share type is not supported.

**Recommended Response**  
Enter a correct network file share type, and then retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0631

**Message**  
Unable to access the network file share, because an invalid network file share name is entered.

**Detailed Description**  
The requested network file share cannot be accessed, because an invalid network file share name is entered.

**Recommended Response**  
Enter a valid network file share name, and then retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC0632
Message: Unable to access the network file share, because an invalid network file share hostname or IP address is entered.
Detailed Description: The requested network file share cannot be accessed, because an invalid hostname or IP address is entered.
Recommended Response Action: Enter a valid network file share hostname or IP address, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC0633
Message: Unable to access the network file share, because an invalid network share password is entered.
Detailed Description: The requested network file share cannot be accessed, because an invalid password is entered.
Recommended Response Action: Enter a valid network file share password, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

RAC0634
Message: Unable to access the network file share, because an invalid network file share username is entered.
Detailed Description: The requested network file share cannot be accessed, because an invalid username is entered.
Recommended Response Action: Enter a valid network file share username, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
RAC0635

Message: Unable to access the network file share, because an invalid domain name is entered.

Detailed Description: The requested network file share cannot be accessed, because an invalid domain name is entered.

Recommended Response: Enter a valid domain name, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0636

Message: Unable to access the network file share, because an invalid proxy password is entered.

Detailed Description: The requested network file share cannot be accessed, because an invalid proxy password is entered.

Recommended Response: Enter a valid proxy password, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0637

Message: Unable to access the network file share, because an invalid proxy user name is entered.

Detailed Description: The requested network file share cannot be accessed, because an invalid proxy user name is entered.

Recommended Response: Enter a valid proxy user name, and then retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>RAC0638</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to access the network file share, because an invalid proxy host name or IP address is entered.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The requested network file share cannot be accessed, because an invalid proxy host name or IP address is entered.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a valid proxy host name or IP address, and then retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RAC0639</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to schedule, because an invalid minute value is entered.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The job could not be successfully scheduled, because an invalid value is entered for minute while scheduling a job.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a correct value from 0 to 59, and then retry the operation.</td>
</tr>
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<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
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<tr>
<td><strong>Message</strong></td>
<td>iDRAC was successfully reset.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>iDRAC was successfully reset.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
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</tr>
<tr>
<td><strong>Severity</strong></td>
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</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>
RAC0640

Message
Unable to schedule, because an invalid hour value is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for hour while scheduling a job.

Recommended Response
Enter a correct value from 0 to 23, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0641

Message
Unable to schedule, because an invalid timevalue is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for time while scheduling a job.

Recommended Response
Enter a correct value in the HH:MM format, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0642

Message
Unable to schedule, because an invalid value is entered for the day of a month.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for day of a month while scheduling a job.

Recommended Response
Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
RAC0643

Message
Unable to schedule, because an invalid monthvalue is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for month while scheduling a job.

Recommended Response Action
Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0644

Message
Unable to schedule, because an invalid ear value is entered.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for year, while scheduling a job.

Recommended Response Action
Enter a correct value, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0645

Message
Unable to schedule, because an invalid value is entered for the recurrence frequency.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for recurrence frequency while scheduling a job.

Recommended Response Action
Enter a correct value, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
RAC0646

Message
Unable to schedule, because an invalid value is entered for the day of the week.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for day of the week while scheduling a job.

Recommended Response
Enter a correct value, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0647

Message
Unable to schedule, because an invalid value is entered for the week of the month.

Detailed Description
The job could not be successfully scheduled, because an invalid value is entered for week of the month while scheduling a job.

Recommended Response
Enter a correct value from 1 to 4, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0648

Message
Unable to process the request.

Detailed Description
The request cannot be processed, because the length of string entered for one of the input parameter is more than the specified length.

Recommended Response
Enter a string not more than 4095 characters in length, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
**RAC0649**

**Message**  
Unable to process the request.

**Detailed Description**  
Unable to process the request, because data is not entered or not selected in one or more mandatory fields.

**Recommended Response**  
Make sure to enter or select data in all the mandatory fields, and then retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC065**

**Message**  
iDRAC reset operation was not successful.

**Detailed Description**  
The iDRAC reset operation was not successful. This may be due to IPMI communications issues.

**Recommended Response**  
Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC0654**

**Message**  
No operations can be performed on the iDRAC Service Module.

**Detailed Description**  
Unable to perform operations on the iDRAC Service Module (iSM) because the iSM is not installed on the server operating system. All fields in the iDRAC GUI iSM page are disabled.

**Recommended Response**  
Make sure that the iDRAC Service Module is installed on the server operating system, and then retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC0655

Message: The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Detailed Description: The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Recommended Response Action: None

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0656

Message: Are you sure you want to disable the iDRAC Service Module on the server operating system?

Detailed Description: The iDRAC Service Module (iSM) service cannot be started by just enabling in iDRAC web interface because the service has to also be manually restarted on the server operating system.

Recommended Response Action: To re-enable the iDRAC Service Module (iSM), do the following: 1) Enable the iSM in the iDRAC web interface, 2) Start the iSM service on the server operating system.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0657

Message: The file name field must not be blank.

Detailed Description: The file name cannot be blank when performing the Backup Server Profile operation.

Recommended Response Action: Enter an appropriate file name, and then retry the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC0658

Message: The iDRAC Service Module service can now be manually started on the server operating system.

Detailed Description: The iDRAC Service Module service can now be started on the server operating system. This service needs to be started manually on the server operating system.

Recommended Response Action: None

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0659

Message: Unable to perform the storage configuration operation(s) on arg1 because a job is currently pending or is running on the adapter.

Arguments: arg1 = adapter name

Detailed Description: The storage configuration operation(s) cannot be performed on the adapter identified in the message because a job is currently pending or is running on the adapter.

Recommended Response Action: Wait for the job to completely run, or delete the job, and then retry the operation. To view the status of the scheduled jobs, go to the Job Queue page of iDRAC.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC066

Message: iDRAC is successfully reset to factory-default properties.

Detailed Description: iDRAC was successfully reset to factory-default properties.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)
RAC0660

Message
Unable to access the specified file server location.

Detailed Description
The file server cannot be accessed because of incorrect credentials.

Recommended Response
Check the file server credentials and retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0661

Message
Storage configuration operation - #(operation) is pending on the selected
#(devicetype) : #(devicename).

Detailed Description
Various storage configuration operations can be performed on different devices
such as physical disks, virtual disks, controllers, or enclosures. The operations are
applied to the device by creating a configuration job on the associated controller.

Recommended Response
To complete the storage configuration operation, create a storage configuration
job with the necessary scheduling.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0662

Message
The Clear Foreign Configuration operation will delete the foreign virtual disk
information from the controllers associated physical disk drives. Clearing will
remove metadata associated with the virtual disks, making the physical disk drives
available for creating new virtual disks. To remove foreign data, perform an
initialization operation.

Detailed Description
Clear foreign configuration will delete the foreign virtual disk information from the
controllers associated physical disk drives. Clearing will remove metadata
associated with the virtual disks, making the physical disk drives available for
creating new virtual disks. To remove foreign data, perform an initialization
operation.
| **Recommended Response Action** | Press OK to continue. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 2 (Warning) |

*No alerts are applicable for this message*

**RAC0663**

| **Message** | Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-sares from the associated controller. |
| **Detailed Description** | Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-sares from the associated controller. |
| **Recommended Response Action** | Press OK to continue. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 3 (Informational) |

*No alerts are applicable for this message*

**RAC0664**

| **Message** | Exporting the RAID Controller Log will take less than `arg1` minutes. Job ID: `#{jobID}` is created for the RAID Controller Log Export operation. |
| **Arguments** | `arg1` = number of minutes |
| **Detailed Description** | Exporting the RAID Controller Log will take less than the number of minutes identified in the message. The job identified in the message is created for the RAID Controller Log Export operation. |
| **Recommended Response Action** | To check the progress of the job click the Job Queue button. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 3 (Informational) |

*No alerts are applicable for this message*

**RAC0665**

| **Message** | RAID Controller Log data is being collected. This operation will take less than `arg1` minutes. |
RAID Controller Log data is being collected. This operation will take less than the number of minutes identified in the message.

Do not log off from the application until the log data collection process is completed.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message.

RAC0666

A RAID Controller Log is created.

To export the Log report, click OK. To delete the report, click Cancel.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message.

RAC0667

This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access to physical disk drive(s).

This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access to physical disk drive(s) or virtual disk(s) being marked offline. This may also result in some disk(s) being identified as foreign disks. Foreign physical disk drive(s) or virtual disk(s) can be imported or cleared.

Press OK to continue.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.
RAC0668

Message
This setting will be applied during the next server restart. If the setting is not compatible with the RAID Controller, then LED status indicators on all the associated hard disk drives (HDDs) stop functioning.

Detailed Description
This setting will be applied during the next server restart. If the setting is not compatible with the RAID Controller, then LED status indicators on all the associated hard disk drives (HDDs) stop functioning.

Recommended Response Action
Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0669

Message
Initializing the virtual disk will permanently delete data from the virtual disk.

Detailed Description
Initializing the virtual disk will permanently delete data from the virtual disk.

Recommended Response Action
Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC067

Message
iDRAC reset to factory defaults operation was not successful.

Detailed Description
iDRAC reset to factory defaults operation was not successful. This may be due to IPMI communications issues.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
RAC0670

Message
Deleting the virtual disk will remove the virtual disk from the controllers configuration.

Detailed Description
Deleting the virtual disk will remove the virtual disk from the controllers configuration. If the specified virtual disk is a boot device, the server will not boot unless another boot device is selected in BIOS.

Recommended Response
If the specified virtual disk is a boot device, the server will not boot. Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0671

Message
Going out of this page will not save the operations or configuration settings that were selected.

Detailed Description
Going out of this page will not save the operations or configuration settings that were selected.

Recommended Response
Press OK to continue. Press Cancel to continue working on the page.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0673

Message
OS Collector must be run on the server OS in order to export OS and Application Data. A virtual USB device labeled DRACRW has appeared in the server OS. This device contains the OS Collector utility, go to the Server OS and run the version of the utility appropriate to the OS type. After the OS Collector utility execution has completed, return to this page to finish exporting the Technical Support Report (TSR).

Detailed Description
To export operating system (OS) and application data, the OS Collector utility must be run on the server OS. A virtual USB device labeled DRACRW has appeared in the server OS. After the OS Collector utility execution has completed, return to this page to complete exporting the Tech Support Report (TSR).
**Recommended Response Action**

Invoke the OS Collector utility in the OS and wait for execution completion. Then return to this page to complete exporting the Technical Support Report (TSR).

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

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**RAC0674**

**Message**

Export Report will create a zip file of XML and text-based logs intended for Dell Technical Support assistance with troubleshooting system issues. Choose Advanced Export Options to specify optional report settings and actions.

**Detailed Description**

Export Report will create a zip file of XML and text-based logs intended for Dell Technical Support assistance with troubleshooting system issues. Choose Advanced Export Options to specify optional report settings and actions.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

---

**RAC0675**

**Message**

Results are not available for the search criterion entered.

**Detailed Description**

Results are not available for the search criterion entered.

**Recommended Response Action**

Enter another criterion and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

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</tbody>
</table>
RAC0676

Message
Unable to assign physical disk drives as global hotspare(s).

Detailed Description
Unable to assign physical disk drives as global hotspare(s). This may be because there are no disk drives available in a ready state or there are no virtual disks present.

Recommended Response Action
Do one of the following and retry the operation: 1) If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2) If no virtual disks are present, click <create virtualdisk link> and create at least one virtual disk. 3) If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation.

Category
Storage (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

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RAC0677

Message
No physical disk drives in ready state, no virtual disks are created, and no PCIe SSD drives are available to perform operations on.

Detailed Description
No physical disk drives in ready state, virtual disks, or PCIe SSD drives are available to perform operations on.

Recommended Response Action
Do one of the following: 1. If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2. If no virtual disks are present, click <create virtualdisk link> and create at least one virtual disk. 3. If PCIe SSD drives are inserted into the enclosure or attached to the backplane.

Category
Storage (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

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RAC0678

Message
Unable to perform Prepare to Remove or Secure Erase operations on PCIe SSD disk drives.

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Unable to perform Prepare to Remove or Secure Erase operations on the PCIe SSD disk drives.

Make sure PCIe SSD disk drives are inserted into the enclosure or attached to the backplane and retry the operation. If the issue persists, contact your service provider.

Storage (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

RAC0679

A job operation is already running. Retry the operation after the existing job is completed.

Unable to process the request because a job operation is already running.

Wait until the running job is completed or delete the scheduled job and retry the operation.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

RAC068

SHA256Password and Plain Password cannot be imported together.

Both SHA256Password and Plain Password cannot be attempted to set together on Configuration import per user.

One of either SHA256Password or Plain password can be attempted to be imported for an user.

Configuration (RAC = RAC Event)

Severity 3 (Informational)
RAC0680

**Message**
Server iDRAC user credentials and/or BIOS passwords are not currently set to default credentials. The USB Configuration XML feature is not available unless default credentials are set.

**Detailed Description**
The USB Configuration XML feature is not available if the iDRAC user credentials and BIOS passwords are not set to default values.

**Recommended Response**
Reset the iDRAC user credentials and BIOS passwords to default and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

RAC0681

**Message**
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

**Detailed Description**
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

**Recommended Response**
To enable this feature do the following: 1) Launch CMC Web UI. 2) Navigate to Chassis Overview -> Setup -> General, and select Manage and Monitor option for the Chassis Management at Server Mode. 3) Click Apply to save changes in CMC. 4) Retry the operation in iDRAC. For more information, refer to the CMC User Guide.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

RAC0682

**Message**
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.

No response action is required.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0683

Unable to perform split mode configuration on enclosure(s).

Check the following: 1) The controller must have Real Time Configuration Capability and the associated enclosure(s) must have Split Mode Capability in order to perform the operation. 2) The controller(s) associated with the enclosure(s) support real time configuration. To verify the controller real time configuration support, go to the Controller Properties page, select the required controller and verify the Real Time Configuration Capability value. 3) The enclosure(s) supports split mode configuration. To verify the enclosure, go to the Enclosure Properties page, select the required enclosure, and verify the Enclosure Split Mode Capability property value.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0684

Unable to perform split mode configuration on the selected enclosures, because Lifecycle Controller is not enabled.

To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
RAC0685

Message: A pending operation has been created for this operation.

Arguments: arg1 = task name

Detailed Description: A pending operation has been created for this operation identified in the message.

Recommended Response: To view the pending operations click the Pending Operations button.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC0686

Message: Some of the applied pending operations were not created.

Detailed Description: Some of the applied pending operations were not created.

Recommended Response: View successful pending operations by clicking the Pending Operations button.

Category: Configuration (RAC = RAC Event)

Severity: Severity 1 (Critical)

No alerts are applicable for this message

RAC0687

Message: Some of the applied pending operations were not created.

Detailed Description: Some of the applied pending operations were not created.

Recommended Response: Choose to create a job for the successful operations. View successful pending operations using the Pending Operations button or click Cancel to quit job creation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 1 (Critical)

No alerts are applicable for this message
**RAC0688**

**Message**  
Applying this configuration operation will also apply all existing pending operations on the `arg1`. [#(View Pending Operations link)]

**Arguments**  
`arg1 = controller_name`

**Detailed Description**  
Applying this configuration operation will also apply all existing pending operations on the controller identified in the message.

**Recommended Response**  
Click Create Job button to create the configuration job. Click Cancel to quit job creation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

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**RAC0689**

**Message**  
Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Detailed Description**  
Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Recommended Response**  
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

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**RAC069**

**Message**  
Unable to complete the operation because the string length is less than the minimum supported length.

**Detailed Description**  
Unable to complete the operation because the string length is less than the minimum supported length.

**Recommended Response**  
Enter a string value that is greater than the minimum supported length and retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)
The iDRAC Service Module is not installed on the operating system of the server.

Recommended Response:
Install the iDRAC Service Module and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

Unable to assign and un-assign physical disk drives as global hotspare(s), because Lifecycle Controller is not enabled.

Recommended Response:
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

Pending operations are created for the selected operations on the selected physical disk drives.
Pending operations are created for the selected operations on the selected physical disk drives.

To view the pending operations, click the Pending Operations button.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

Unable to configure the attributes of the selected controller, because Lifecycle Controller is not enabled.

Unable to configure the attributes of the selected controller, because Lifecycle Controller is not enabled.

To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

Unable to perform security key operations on the selected controller, because Lifecycle Controller is not enabled.

Unable to perform security key operations on the selected controller, because Lifecycle Controller is not enabled.

To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

Unable to retrieve the hardware overview information because the server is turned off.
### Detailed Description
The iDRAC is unable to retrieve hardware overview related information while the server is turned off.

### Recommended Response
Turn the server on to view the hardware overview information.

### Category
Audit (RAC = RAC Event)

### Severity
Severity 3 (Informational)

*No alerts are applicable for this message*

---

#### RAC0697

**Message**
Choose to create a job from the existing successfull pending operations.

**Detailed Description**
Choose to create a job from the existing successfull pending operations.

**Recommended Response**
Do one of the following: 1) Click Pending Operations button to view pending operations. 2) Click Create Job button to create a configuration job. 3) Click Cancel button to quit job creation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

#### RAC0698

**Message**
Unable to modify USB management settings because the USB device is currently in use.

**Detailed Description**
Unable to modify USB management settings because the USB device is currently in use.

**Recommended Response**
Wait for the current USB operations to complete and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

#### RAC0699

**Message**
Invalid value for Minimum Fan Speed.

**Detailed Description**
The value for Minimum Fan Speed must be within the range identified in the Recommended Response Action.
Recommended Response Action
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)

No alerts are applicable for this message

RAC070

Message The SSL Web-Server certificate was successfully restored to factory defaults.
Detailed Description The SSL Web-Server certificate was successfully restored to factory defaults.
Recommended Response Action No response action is required.
Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)

No alerts are applicable for this message

RAC0700

Message Email page successful to arg1.
Arguments arg1 = email address
Detailed Description An email page was successfully sent.
Recommended Response Action No response action is required.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

| iDRAC | ✔ |
| CMC   |   |

<table>
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</table>
**RAC0701**

**Message**
Requested system powerup.

**Detailed Description**
Requested system powerup.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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</table>

**RAC0702**

**Message**
Requested system powercycle.

**Detailed Description**
Requested system powercycle.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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</table>
### RAC0703

**Message**
Requested system hardreset.

**Detailed Description**
Requested system hardreset.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### RAC0704

**Message**
Requested system powerdown.

**Detailed Description**
Requested system powerdown.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

---

1336
RAC0705

Message
Requested system graceful shutdown.

Detailed Description
Requested system graceful shutdown.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC0706

Message
Requested system NMI.

Detailed Description
Requested system NMI.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)
<table>
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</table>

**RAC0707**

**Message**
Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.

**Detailed Description**
Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.

**Recommended Response**
Acquire an iDRAC firmware image of the version desired. Using the latest version available is recommended. Update the iDRAC firmware.

**Category**
Updates (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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</table>

**RAC0708**

**Message**
Previous reboot was due to a firmware watchdog timeout.

**Detailed Description**
Previous reboot was due to a firmware watchdog timeout.

**Recommended Response**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
RAC0709

Message: Unknown server inserted into chassis.
Detailed Description: Unknown server inserted into chassis.
Recommended Response: Acquire the latest Chassis Management Controller (CMC) firmware that supports the server indicated and update the CMC to at least that version.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC071

Message: Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress.
Detailed Description: The iDRAC reset operation cannot be completed because a firmware upgrade operation is in progress.
Recommended Response: Wait for the current update process to complete and retry the operation.
Category: Configuration (RAC = RAC Event)
RAC0710

Message: Server link tuning error.

Detailed Description: Server link tuning error.

Recommended Response: Ensure that the IO Module (IOM) and Mezzanine (Mezz) cards are appropriately matched. Check the M1000e Hardware Manual for correct component compatibility.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

---

RAC0711

Message: Unknown power on response from the CMC.

Detailed Description: Unknown power on response from the CMC.

Recommended Response: Try reseting the CMC. Also try reseating the server.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)
**RAC0712**

**Message**
Server failed to power up due to zero power allocated.

**Detailed Description**
Server failed to power up due to zero power allocated.

**Recommended Response**
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, allocate power necessary and retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

**RAC0713**

**Message**
Server failed to power up due to fabric mismatch.

**Detailed Description**
Server failed to power up due to fabric mismatched.

**Recommended Response**
Ensure that the hardware compatibility between the IO Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
### RAC0714

**Message**  
Server failed to power up due to noncontinuous power action.

**Detailed Description**  
Server failed to power up due to noncontinuous power action.

**Recommended Response**  
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, allocate power necessary and retry the operation.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

---

### RAC0715

**Message**  
Image file does not exist in the given remote share path.

**Detailed Description**  
Image file does not exist in the given remote share path.

**Recommended Response**  
Ensure that the image file is available on the share path provided. Retry the operation.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)
### RAC0716

**Message**
Unable to unmount remote share.

**Detailed Description**
Unable to unmount remote share.

**Recommended Response Action**
Retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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</table>

### RAC0717

**Message**
Remote share unmounted successfully.

**Detailed Description**
Remote share unmounted successfully.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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<tr>
<td><strong>Message</strong></td>
<td>Remote File Share service is busy with the previous connection.</td>
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<tr>
<td><strong>Detailed Description</strong></td>
<td>Remote File Share service is busy with the previous connection.</td>
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<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Stop the Remote File Share session and retry the operation.</td>
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<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
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<td><strong>Severity</strong></td>
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<th>RAC0719</th>
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<td><strong>Message</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
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<tr>
<td><strong>Recommended Response Action</strong></td>
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<tr>
<td><strong>Category</strong></td>
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</table>
RAC072

Message
Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress.

Detailed Description
The iDRAC reset to factory defaults operation cannot be completed because a firmware upgrade operation is in progress.

Recommended Response Action
Wait for the current update process to complete and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC0720

Message
Unable to mount remote share arg1.

Arguments
arg1 = sharename

Detailed Description
Unable to mount remote share.

Recommended Response Action
Retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)
RAC0721

Message: Remote share mounted successfully arg1.

Arguments: arg1 = sharename

Detailed Description: Remote share mounted successfully.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC0722

Message: Failed to program the Chassis assigned MAC address for the NIC.Integrated. arg1.

Arguments: arg1 = NDC slot number

Detailed Description: Failed to program the Chassis assigned MAC address for the NIC.Integrated in the specified slot number.

Recommended Response Action: Reseat the server and retry.

Category: Audit (RAC = RAC Event)

Severity: Severity 1 (Critical)
RAC0723

Message
The firmware version *arg1* of the Chassis Management Controller is earlier than the required version *arg2*.

Arguments
*arg1* = version number, *arg2* = version number

Detailed Description
The Chassis Management Controller firmware version identified in the message is earlier than the version required to support the server.

Recommended Response
Update the Chassis Management Controller firmware to the required version identified in the message.

Category
Audit (RAC = RAC Event)

Severity
Severity 1 (Critical)

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</table>

RAC0724

Message
Quick Sync Firmware is successfully updated.

Detailed Description
Quick Sync Firmware is successfully updated.

Recommended Response
No response action is required.

Category
Updates (RAC = RAC Event)

Severity
Severity 3 (Informational)
Unable to update the Quick Sync Firmware.

Auto-throttling is disabled for the server.
RAC0727

Message: Auto-throttling is enabled for the server.
Detailed Description: Auto-throttling is enabled for the server based on a request from the Chassis Management Controller (CMC) because the CMC has restarted.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC0728

Message: The Quick Sync communication is no longer functioning.
Detailed Description: The Quick Sync communication or the connection to the iDRAC is no longer functioning.
Recommended Response Action: Do the following: 1) Remove and reseat the bezel. 2) Turn the bezel on by pressing the activation button. 3) Try the Quick Sync feature again. If the issue persists, contact your technical support provider.
Category: System Health (RAC = RAC Event)
Severity: Severity 2 (Warning)
Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress.

The iDRAC reset operation cannot be completed because a vFlash partition creation operation is in progress.

Wait for the vFlash partition creation process to complete and retry the operation.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress.

The iDRAC reset to factory defaults operation cannot be completed because a vFlash partition creation operation is in progress.

Wait for the vFlash partition creation process to complete and retry the operation.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.
<table>
<thead>
<tr>
<th><strong>Detailed Description</strong></th>
<th>The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Press OK to continue.</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0741**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled. Retry the operation after the server has restarted.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -&gt; Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0742**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The Secure Erase command will be executed on the selected PCIe SSD disk drive(s) only after the reboot of the system or loss of power to the disk drive(s).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>A Secure Erase operation on a PCIe SSD overwrites all blocks in an encrypted way and all the data on the PCIe SSD device will be permanently lost. The changes will happen after reboot of the system or loss of power to the drive.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Press OK to continue.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
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<td><strong>Severity</strong></td>
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</table>

No alerts are applicable for this message
RAC0743
Message  Unable to perform storage configuration operations because no storage controllers are detected on the server.
Detailed Description  Unable to perform storage configuration operations because no storage controllers are detected on the server
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

RAC0744
Message  Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.
Detailed Description  Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

RAC0745
Message  There are no pending operations present on the selected component group.
Detailed Description  There are no pending operations on the selected component group.
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
No alerts are applicable for this message
RAC0746

Message: Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.

Detailed Description: Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.

Recommended Response Action: Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, restart the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

RAC0747

Message: Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.

Detailed Description: Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.

Recommended Response Action: Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

RAC0748

Message: The BIOS watchdog timer must be disabled if the Automatic System Recovery option is enabled.

Detailed Description: The BIOS watchdog must be disabled if Automatic System Recovery option is enabled.

Recommended Response Action: Make sure the BIOS watchdog timer is disabled before enabling the Automatic System Recovery option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 1 (Critical)
RAC0749

Message
SNMPv3 User cannot be set to None.

Detailed Description
SNMPv3 User cannot be set to None.

Recommended Response
Set the SNMPv3 User to a value other than None and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC0750

Message
Unable to access the USB NIC IP address by using PING process.

Detailed Description
The USB NIC IP address cannot be accessed by using the PING process.

Recommended Response
Enter another appropriate IP address, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
### RAC0751

**Message**
The threshold value entered is less than the lower warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be less than lower critical threshold value.

**Recommended Response**
Enter a threshold value that is greater than the lower warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0752

**Message**
The threshold value entered is greater than the upper warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be greater than upper critical threshold value.

**Recommended Response**
Enter a threshold value that is lower than the upper warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### RAC0753

**Message**
Reset iDRAC to apply the pending new certificate. Until iDRAC is reset the old certificate will be active.

**Detailed Description**
Reset iDRAC to apply the pending new certificate. Until iDRAC is reset old certificate will be active. A manual reset of iDRAC is needed for the new certificate to take into effect.
<table>
<thead>
<tr>
<th><strong>Recommended Response</strong></th>
<th>Click the Reset iDRAC link to reset iDRAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**RAC0754**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Reset iDRAC to complete the deletion action of the certificate.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Reset iDRAC to complete custom SSL certificate deletion action. A manual reset of iDRAC is needed for the action to take effect.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Click the Reset iDRAC link to reset iDRAC.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**RAC0755**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The selected value is not supported on this server.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The selected value is not supported on this server.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Retry the operation with another value.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**RAC0756**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Unable to retrieve the fan information.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Fan information cannot be displayed. This situation may occur if the server is powered off.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact your service provider.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
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<tr>
<td>-----------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0757**

**Message**

USB Management Port is currently disabled in BIOS configuration.

**Detailed Description**

The requested operation using the USB Management Port cannot be completed because the port is disabled in BIOS configuration.

**Recommended Response Action**

Enable the USB Management Port in BIOS configuration to use this feature

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0758**

**Message**

Tech Support Report (TSR) data is being collected. This operation will take less than arg1 minutes.

**Arguments**

arg1 = collection time

**Detailed Description**

The Tech Support Report generation will take the time identified in the message to complete.

**Recommended Response Action**

To cancel the reports collection click Cancel.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0759**

**Message**

A running Tech Support Report job has been cancelled.

**Detailed Description**

A running Tech Support Report job has been cancelled.

**Recommended Response Action**

Click Job Queue button to view the status of the cancelled job.

| Category              | Configuration (RAC = RAC Event) |
RAC0760

Message
Unable to perform physical disk(s) storage configuration operations for the selected controller.

Detailed Description
Unable to perform storage configuration operations on physical disk drive(s) as there are no disk drive(s) available with Ready/RAID/NON-RAID state or the selected controller is in HBA mode.

Recommended Response
Check the following: 1) If there are no physical disk drive(s) in either Ready state or in RAID/NON-RAID state, insert additional disk drive(s). 2) If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0761

Message
Unable to retrieve system inventory.

Detailed Description
The system inventory cannot be retrieved because another system inventory operation may already be in progress or due to an internal issue whether or not Collect System Inventory On Restart (CSIOR) is enabled or disabled.

Recommended Response
A system inventory operation may be in progress. Wait for the operation to complete and retry the operation. If no other system inventory operation is in progress, enable the Collect System Inventory On Restart (CSIOR) feature, reboot the system, and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RAC0762

Message
Unable to perform a firmware update because a valid catalog file is not available on the network share.

Detailed Description
Unable to perform a firmware update because a valid catalog file is not available on the network share.
**RAC0763**

**Message**
Unable to configure the port number that is entered because the port number is already in use.

**Detailed Description**
Unable to configure the port number that is entered because the port number is already in use.

**Recommended Response**
Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

**RAC0764**

**Message**
Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files.
to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

**Detailed Description**
Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tbody>
</table>

**RAC0765**

**Message**
Unable to access the operating system (OS) IP address by using the Ping process because an incorrect IP address is entered.

**Detailed Description**
The OS IP address cannot be accessed by using the Ping process because an incorrect IP address is entered.

**Recommended Response Action**
Enter a correct IP address, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RAC0766**

**Message**
Unable to assign USB NIC IP address arg1 to the OSBMC device because only Link Local IP address can be allowed.
Arguments  
arg1 = IP address  

Detailed Description  
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because only Link Local IP address can be allowed.  

Recommended Response  
Enter appropriate Link Local IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.  

Category  
Configuration (RAC = RAC Event)  

Severity  
Severity 2 (Warning)  

No alerts are applicable for this message

RAC0767

Message  
Unable to assign USB NIC IP address arg1 to the OSBMC device because IP address setting conflicts with existing network interface IP.  

Arguments  
arg1 = IP address  

Detailed Description  
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because IP address setting conflicts with existing network interface IP.  

Recommended Response  
Enter an unique IP address for OSBMC USB NIC that is not the same as another NICs IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.  

Category  
Configuration (RAC = RAC Event)  

Severity  
Severity 2 (Warning)  

No alerts are applicable for this message

RAC0801

Message  
iDRAC has reset to default settings.  

Detailed Description  
iDRAC closes all the existing sessions and all configuration settings are set to default values. The iDRAC IP address is set to the default static IP address.  

Recommended Response  
No response action is required.  

Category  
Audit (RAC = RAC Event)  

Severity  
Severity 3 (Informational)

<table>
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<th>Filter Visibility</th>
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<td>CMC</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

1361
<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -t option value must set to 1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the specified command is invalid. In this case, the usage of the -t option is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>See the help text/documentation for the valid syntax of the subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0902**

<table>
<thead>
<tr>
<th>Message</th>
<th>The -f option requires -d to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the specified command is invalid. In this case, the usage of the -f option is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>See the help text/documentation for the valid syntax of the subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0903**

<table>
<thead>
<tr>
<th>Message</th>
<th>The -d option cannot be used with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the specified command is invalid. In this case, the usage of the -d option is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>See the help text/documentation for valid syntax of the subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>
**RAC0904**

<table>
<thead>
<tr>
<th>Message</th>
<th>The remote file location is not accessible or reachable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>The iDRAC cannot access the remote file location. The credentials or path to the remote file location is incorrect or iDRAC cannot connect to the network address.</td>
</tr>
<tr>
<td>Recommended</td>
<td>Confirm that the path and credentials to remote file are correct, and check that the iDRAC can connect to the network address.</td>
</tr>
<tr>
<td>Action Category</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC0905**

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed to get the USC version details.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Unable to obtain the USC version details.</td>
</tr>
<tr>
<td>Recommended</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action Category</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC0906**

<table>
<thead>
<tr>
<th>Message</th>
<th>Operation failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed</td>
<td>Unable to perform the requested operation.</td>
</tr>
<tr>
<td>Recommended</td>
<td>Try again later. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method.</td>
</tr>
<tr>
<td>Action Category</td>
<td></td>
</tr>
<tr>
<td>Severity</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
RAC0907

Message     System ID LED blink on.
Detailed Description     The System ID LED was successfully set to on.
Recommended Response     No response action is required.
Category     Configuration (RAC = RAC Event)
Severity     Severity 3 (Informational)

No alerts are applicable for this message

RAC0908

Message     System ID LED blink off.
Detailed Description     The System ID LED was successfully set to off.
Recommended Response     No response action is required.
Category     Configuration (RAC = RAC Event)
Severity     Severity 2 (Warning)

No alerts are applicable for this message

RAC0909

Message     Invalid subcommand syntax: Specify the object name.
Detailed Description     The specified command is missing object name syntax.
Recommended Response     Specify the correct subcommand object name syntax. See the help text or documentation for valid syntax.
Category     Configuration (RAC = RAC Event)
Severity     Severity 2 (Warning)

No alerts are applicable for this message
RAC0910

Message: Invalid subcommand syntax: Specify group and object name.
Detailed Description: The specified command is missing group and object name syntax.
Recommended Response: Specify the correct subcommand group and object name syntax. See the help text or documentation for the valid syntax.
Action: 
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0911

Message: Data about version details is unavailable.
Detailed Description: Unable to retrieve version details.
Recommended Response: Try again later. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Action: 
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC0912

Message: Unable to connect to RAC at specified IP address.
Detailed Description: The management system could not connect to the iDRAC.
Recommended Response: Verify whether the IP address of the remote iDRAC is correct. Verify whether connectivity exists between the management system and the iDRAC.
Action: 
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
RAC1000

Message: Unable to set the object value for iDRAC IPv6 address or gateway.

Detailed Description: Unable to set the object value for iDRAC IPv6 Address1 and IPv6 Gateway, because the object IPv6 Autoconfig is enabled.

Recommended Response: Disable the object IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig <0 | Disabled >", and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

<table>
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</tbody>
</table>

RAC1001

Message: Unable to set the object value for iDRAC IPv6 DNS1 or DNS2.

Detailed Description: Unable to set the object value for iDRAC IPv6 DNS1 or DNS2, because the object DNSFromDHCP6 is enabled.

Recommended Response: Disable the object DNSFromDHCP6 using 'racadm set iDRAC.IPv6.DNSFromDHCP6 <0 | Disabled>', and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

<table>
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</table>

1366
**RAC1002**

**Message**
Active Directory Single Sign On (SSO) cannot be enabled.

**Detailed Description**
The Active Directory SSO cannot be enabled, because the object SmartCardLogonEnable is enabled.

**Recommended Response**
Disable the object SmartCardLogonEnable using "racadm set iDRAC.SmartCard.LogonEnable <0 | Disabled>" , and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

**RAC1003**

**Message**
The smart card certificate revocation list (CRL) cannot be enabled.

**Detailed Description**
The smart card certificate revocation list (CRL) cannot be enabled, because the object SmartCardLogonEnable is disabled.

**Recommended Response**
Enable the object SmartCardLogonEnable using "racadm set iDRAC.SmartCard.SmartCardLogonEnable <1 | Enabled>" , and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
**RAC1004**

**Message**  The smart card login cannot be enabled.

**Detailed Description**  The smart card login cannot be enabled, because the Active Directory Single Sign On is enabled.

**Recommended Response**  Disable Active Directory Single Sign On (SSO) using "racadm set iDRAC.ActiveDirectory.SSOEnable <0 | Disabled>", and retry the operation.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 2 (Warning)

**Filter Visibility**  
- **IPMI Alert**: ✔
- **SNMP Alert**: ✔
- **Email Alert**: ✔
- **Remote System Log**: ✔
- **WS Eventing**: ✔

**iDRAC**

**CMC**

**RAC1005**

**Message**  Successfully exported hardware inventory.

**Detailed Description**  The hardware inventory was successfully exported.

**Recommended Response**  No response action is required

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 3 (Informational)

**Filter Visibility**  
- **IPMI Alert**: ✔
- **SNMP Alert**: ✔
- **Email Alert**: ✔
- **Remote System Log**: ✔
- **WS Eventing**: ✔

**iDRAC**

**CMC**
### RAC1006

**Message**  
Unable to process the `arg1`, and the update was not applied.

**Arguments**  
`arg1 = file name`

**Detailed Description**  
The update was not applied because of one of the following reasons: 1) The Update Package is invalid. 2) Lifecycle Controller is corrupted. 3) Another update is in progress.

**Recommended Response Action**  
Do one of the following and retry the operation: 1) Download the correct Update Package from your service provider. 2) Use the Lifecycle Controller repair package to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide. 3) Wait until the current update operation is complete.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

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### RAC1007

**Message**  
The job `arg1` cannot be deleted.

**Arguments**  
`arg1 = job ID`

**Detailed Description**  
The job specified in the message cannot be deleted when it is Running, Scheduled, or transitioning from Downloading to Scheduled.

**Recommended Response Action**  
Wait until the specified job is completed, or reboot the system to move the job to Completed state. To view the job status, use `racadm jobqueue view -i <Job_ID>`.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)
RAC1008

**Message**

The Active Directory object DCLookupByUserDomain cannot be disabled.

**Detailed Description**

The Active Directory object DCLookupByUserDomain cannot be disabled, because the Active Directory object DCLookupDomainName is not configured.

**Recommended Response**

Configure the Active Directory object DCLookupDomainName using `racadm set iDRAC.ActiveDirectory.DCLookupDomainName <Name>`, and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

RAC1009

**Message**

The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled.

**Detailed Description**

The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled, because IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 is not configured.

**Recommended Response**

Configure IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 using `racadm set` command, and retry the operation. For example, `racadm set iDRAC.IPv4.DNS1 <address>`.
**RAC1010**

**Message**  
Unable to set the power cap value.

**Detailed Description**  
The power cap cannot be set if the object Power.Cap is disabled.

**Recommended Response**  

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

---

**RAC1011**

**Message**  
The OS to iDRAC pass-through cannot be enabled.

**Detailed Description**  
The OS to iDRAC pass-through cannot be enabled, because the NIC is in Dedicated mode.

---
**Recommended Response**

Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1012**

**Message**
Unable to change the auto-negotiation state for the current NIC selection mode.

**Detailed Description**
Unable to change the auto-negotiation state for the current NIC selection mode, because the iDRAC NIC is in dedicated mode.

**Recommended Response**
Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1013**

**Message**
The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None.
For any iDRAC user, SNMPv3 authentication protocol can be changed to "None" only if the SNMPv3 privacy protocol state is set to "None".

Change the SNMPv3 privacy protocol state to None using "racadm set iDRAC.Users.<index>.SNMPv3PrivacyType none", and retry the operation.

The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

To configure the SNMPv3 Privacy Protocol for a specified iDRAC user, change the SNMPv3 Authentication Protocol to either MD5 or SHA state using "racadm set idrac.users.<index>.SNMPv3AuthenticationType <value>".

---

### RAC1014

**Message**  
The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

**Detailed Description**  
The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

**Recommended Response**  
To configure the SNMPv3 Privacy Protocol for a specified iDRAC user, change the SNMPv3 Authentication Protocol to either MD5 or SHA state using "racadm set idrac.users.<index>.SNMPv3AuthenticationType <value>".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)
## RAC1016

**Message**
The specified user already exists. Duplicate user names are not allowed.

**Detailed Description**
iDRAC does not allow duplicate user names for each of the 16 users.

**Recommended Response**
Make sure that each of the 16 user names are unique.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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## RAC1017

**Message**
Successfully modified the object value and the change is in pending state.

**Detailed Description**
Any staged operation requires a job and system reboot to apply the object values.

**Recommended Response**
To apply modified value, create a configuration job and reboot the system. To create the commit and reboot jobs, use "jobqueue" command. For more information about the "jobqueue" command, see RACADM help.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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RAC1018

Message: The specified object or syntax is invalid.

Detailed Description: This occurs when an incorrect syntax is used or an incorrect object is specified during the command invocation.

Recommended Response: Make sure to use the correct syntax and correct object names, and retry the operation. For information related to the corresponding group, see RACADM help or the RACADM Users Guide.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔

CMC

RAC1019

Message: The specified object is not supported for the current system configuration.

Detailed Description: Some objects have dependencies on other objects that are required to perform a task. The specified object is not available because of such dependencies.

Recommended Response: Verify the object dependency using "racadm help <device class>.<groupname>.<objectname>", and retry the operation. For example, racadm help NIC.VndrConfigGroup.1.VirtWWPN.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC1020

**Message**
No objects are available under the specified group for the current system configuration.

**Detailed Description**
Some objects have dependencies on other objects that are required to perform a task. The specified group does not contain any objects, because the dependent objects are not part of the current system configuration.

**Recommended Response**
Verify the dependencies of the objects under the specified group using "racadm help <device class>.<groupname>", and retry the operation. For example, "racadm help NIC.IscsiSecondTgtParams".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

RAC1021

**Message**
NIC objects are not available in the current system configuration.

**Detailed Description**
NIC objects are not available if NIC devices are not installed in the system, or if some iDRAC services are busy.

**Recommended Response**
Make sure the NIC devices are correctly installed in the system and retry the operation after the Collect System Inventory On Restart (CSIOR) feature has updated the system inventory. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
Unable to create the configuration job.

Configuration jobs are created only if at least one object on the device or component (for example, NIC.Slot.1 or BIOS) has a pending value to be applied.

Make sure that there is at least one object on the specified device or component that has a pending value, and retry the operation.

Successfully scheduled a job.

The pending value is applied during the next reboot of system.

Verify the job status using ‘racadm jobqueue view -i JID_xxxxx’ command.
The specified object is read-only and cannot be modified due to an object dependency.

Some objects have dependencies on other objects that are required to perform a task. However, some of the objects are read-only because of the current system configuration and the values of the dependent objects.

Verify the object dependency using "racadm help <device class>.<groupname>.<objectname>", and retry the operation.

A custom signing certificate does not exist.

A custom signing certificate must be present in the system to delete or download the certificate.

No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
| iDRAC      |             |             |                    |             |
| CMC        |             |             |                    |             |

**RAC1027**

Message: Successfully sent the alert for the specified event to the configured destination.

Detailed Description: A test event was generated and the alert was successfully sent to the destination.

Recommended Response: Verify if the alerts were received by the configured destination. Otherwise, reconfigure the destination and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
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| CMC        |             |             |                    |             |

**RAC1028**

Message: Unable to download the specified certificate type.

Detailed Description: The certificate cannot be downloaded if the certificate type specified is other than "1", "2", or "3".
Recommended Response: Make sure to specify either "1", "2", or "3" for the certificate type (-t) option, and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | |
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RAC1029

Message: Unable to delete the specified certificate type.
Detailed Description: The certificate cannot be deleted if the certificate type specified is not "3".
Recommended Response: Make sure to specify '3' for the certificate type (-t) option, and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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RAC1030

Message: The custom signing certificate was deleted.
The custom signing certificate present on iDRAC was deleted.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Unable to delete the custom signing certificate.

The custom signing certificate on iDRAC cannot be deleted because of an internal error.

Verify if iDRAC has a custom signing certificate. If it has the certificate, retry the operation. If the issue persists, contact your service provider.

Configuration (RAC = RAC Event)

Severity 3 (Informational)
RAC1032

Message: arg1 jobs was cancelled by the user.
Arguments: arg1 = Job ID or ALL
Detailed Description: The job specified in the message were cancelled.
Recommended Response: No response action is required
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

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RAC1033

Message: Unable to retrieve the server component software inventory.
Detailed Description: The server component software inventory cannot be retrieved because of an internal error.
Recommended Response: Make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the server, and retry the operation. If CSIOR is already enabled, restart iDRAC using `racadm racreset` command, and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

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RAC1034

Message: This action will ungracefully turn off the server.

Detailed Description: This operation will cause the server to shutdown immediately. This may result in the applications losing data.

Recommended Response Action: Before continuing, exit all the programs running on this server, and make sure that there is no inbound and outbound traffic associated with this server. Inability to do so may prevent all the servers in the chassis from accessing the shared-storage devices for up to two minutes. To continue the operation, enter a -f at the end of command `racadm serveraction powerdown -f`, and then retry.

Category: System Health (RAC = RAC Event)

Severity: Severity 2 (Warning)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert

Remote System Log: ✔

WS Eventing: 

RAC1035

Message: There are no pending values to be cleared.

Detailed Description: The command is unable to clear the pending state for attributes of the specified component because there are no pending values.

Recommended Response Action: Make sure that there is at least one attribute on the specified device has a pending value, and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.
**RAC1036**

**Message**  
Successfully cleared pending attribute(s) for the group specified.

**Detailed Description**  
Successfully cleared pending values for attributes in the group specified.

**Recommended Response**  
To verify, run the RACADM command "racadm get group".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC1037**

**Message**  
Unable to clear pending attribute(s).

**Detailed Description**  
Unable to clear pending attribute(s). This may be because the FQDD entered is incorrect.

**Recommended Response**  
Check that the FQDD entered is correct. View the Help information by running the RACADM command "racadm help clearpending".

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

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**RAC1038**

**Message**  
Unable to clear pending values for the specified component.

**Detailed Description**  
Unable to clear pending values for the specified component. This may be because there is an existing configuration job for the component.
**Recommended Response Action**
Make sure that a config job is not scheduled for this component. For more information, view the help command by running the RACADM command "racadm jobqueue help delete".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1039**

**Message**
The subcommand entered is not supported on the specified server.

**Detailed Description**
The subcommand entered is not supported on the specified server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1040**

**Message**
Successfully accepted the RAID storage configuration operation. The change is in pending state.
Detailed Description: The requested RAID storage operation was successfully accepted and now must be applied by creating a RAID storage configuration job.

Recommended Response Action: To apply the configuration operation, create a configuration job, and then restart the server. To create the required commit and reboot jobs, run the jobqueue command. For more information about the jobqueue command, enter the RACADM command "racadm help jobqueue".

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC1041

Message: Successfully configured the Automatic Update (autoupdate) feature settings.
Detailed Description: Successfully configured the Automatic Update (autoupdate) feature settings.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

Filter Visibility: | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing |
---|---|---|---|---|---|
| ✔ |

CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
---|---|---|---|---|---|---|
| | | | | | | |

iDRAC

CMC

RAC1042

Message: Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided.
Detailed Description: One or more required options to configure the Automatic Update (autoupdate) feature are missing.
Recommended Response Action: For more information, view the help details by running the RACADM command "racadm help autoupdatescheduler".
Category: Configuration (RAC = RAC Event)
### RAC1043

**Message**
Unable to configure the Automatic Update (autoupdate) feature settings. The option \( \text{arg1} \) is either invalid or not provided.

**Arguments**
\( \text{arg1} = \text{option name} \)

**Detailed Description**
The operation did not complete successfully because of an invalid value for the option identified in the message.

**Recommended Response**
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command “racadm help autoupdatescheduler”.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC1044

**Message**
The Automatic Update (autoupdate) feature is not enabled.

**Detailed Description**
The Automatic Update (autoupdate) feature is not enabled.
Recommended Response
To enable, run the RACADM command "racadm set lifecyclecontroller.lcattributes.autoupdate 1".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Filter Visibility
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
iDRAC
CMC

RAC1045

Message
Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often.

Detailed Description
Individual component firmware updates may occur frequently and cause changes to the catalog on ftp.dell.com. Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates.

Recommended Response
Creating a custom repository using the Repository Manager tool allows control of the frequency of component firmware updates.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Filter Visibility
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
iDRAC
CMC
RAC1046

Message: Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

Detailed Description: Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

Recommended Response Action: Configure the Automatic Update feature by running the RACADM command "racadm autoupdatescheduler create" with the desired option settings.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

Visibility: iDRAC ✔

CMC

RAC1047

Message: Successfully cleared the Automatic Update (autoupdate) feature settings.

Detailed Description: Successfully cleared the Automatic Update (autoupdate) feature settings.

Recommended Response Action: No response action is required

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

Visibility: iDRAC ✔

CMC
Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration.

The Automatic Update (autoupdate) feature settings must already exist in order to be cleared.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Successfully configured the Automatic Backup (autobackup) feature settings.

Successfully configured the Automatic Backup (autobackup) feature settings.

No response action is required

Configuration (RAC = RAC Event)

Severity 3 (Informational)
RAC1050

Message
Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided.

Detailed Description
One or more required options to configure the Automatic Backup (autobackup) feature are missing.

Recommended Response
For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC1051

Message
Unable to configure the Automatic Backup (autobackup) feature settings. The option arg1 is either invalid or not provided.

Arguments
arg1 = option name

Detailed Description
The operation did not complete successfully because of an invalid value for the option identified in the message.
Recommended Response
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

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**RAC1052**

**Message**
The Automatic Backup (autobackup) feature is not enabled.

**Detailed Description**
The Automatic Backup (autobackup) feature is not enabled.

**Recommended Response**
To enable, run the RACADM command "racadm set lifecyclecontroller.lcattributes.autobackup 1".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC1053**

**Message**
Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured.
Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured.

Configure the Automatic Backup feature by running the RACADM command "racadm systemconfig backup" with the desired option settings.

Successfully cleared the Automatic Backup (autobackup) feature settings.

Successfully cleared the Automatic Backup (autobackup) feature settings.

No response action is required
**RAC1055**

**Message**
Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration.

**Detailed Description**
The Automatic Backup (autobackup) feature settings must already exist in order to be cleared.

**Recommended Response Action**
No response action is required

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC1056**

**Message**
Rollback operation initiated successfully.

**Detailed Description**
The requested firmware Rollback operation was initiated successfully.

**Recommended Response Action**
No response action is required

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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## RAC1057

**Message**
Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a rollback firmware image available.

**Detailed Description**
Rollback operation did not complete successfully. The component identifier (FQDD) specified in the operation is not valid or does not have a Rollback firmware image available.

**Recommended Response Action**
Run the RACADM command `racadm swinventory` to see the list of Rollback firmware images available and the corresponding component identifier (FQDD).

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

## RAC1058

**Message**
Rollback operation did not complete successfully because Lifecycle Controller is disabled.

**Detailed Description**
The requested firmware Rollback operation did not complete successfully because Lifecycle Controller is disabled.

**Recommended Response Action**
Run the RACADM command `racadm set LifecycleController.LCAttributes.LifecycleControllerState 1` to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
RAC1059

Message  Rollback operation could not be performed because another firmware update job is running.

Detailed Description  The requested firmware rollback operation could not be performed because another firmware update job is running or being scheduled.

Recommended Response  Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, run the RACADM command “racadm jobqueue view”. If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

Category  Configuration (RAC = RAC Event)

Severity  Severity 3 (Informational)

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RAC1060

Message  System inventory may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.

Detailed Description  The system inventory information may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.

Recommended Response  To enable the CSIOR feature, run the RACADM command “racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1”. Then restart the server to cause system inventory information to be collected.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

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RAC1061

Message  
SystemErase operation initiated successfully.

Detailed Description  
The requested SystemErase operation was initiated successfully.

Recommended Response  
Check the job status by running the RACADM command: ‘racadm jobqueue view -i <JobID>’.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 3 (Informational)

RAC1062

Message  
Unable to initiate the SystemErase operation. The component identifier specified is not valid.

Detailed Description  
Unable to initiate the requested SystemErase operation. The component identifier specified is not valid.

Recommended Response  
Run the RACADM command “racadm help systemerase” to see the list of supported components.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)
RAC1063

**Message**
Unable to initiate the SystemErase operation because Lifecycle Controller is disabled.

**Detailed Description**
Unable to initiate the SystemErase operation because Lifecycle Controller is disabled.

**Recommended Response**
Run the RACADM command "racadm set LifecycleController.LCAttributes.LifecycleControllerState 1" to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

RAC1064

**Message**
Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress.

**Detailed Description**
Unable to initiate the requested SystemErase operation because another SystemErase job is already in progress.

**Recommended Response**
To check the job status, run the RACADM command "racadm jobqueue view" and retry the operation after the current SystemErase operation has completed.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing |
-----------------|-----------|------------|-------------|-----------------|-------------|
| iDRAC           | ✔         |            |             |                 |             |
| CMC             |           |            |             |                 |             |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
-----------------|-------|--------|-----------|-------------|-------|---------------------|
| iDRAC           |       |        |           |             |       |                     |
| CMC             |       |        |           |             |       |                     |

RAC1065

Message: Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

Detailed Description: Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

Recommended Response: Retry the operation. If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing |
-----------------|-----------|------------|-------------|-----------------|-------------|
| iDRAC           | ✔         |            |             |                 |             |
| CMC             |           |            |             |                 |             |

RAC1067

Message: Unable to set the minimum non critical threshold value of arg1 , because the value entered is lesser than, or equal to the minimum critical threshold value.

Arguments: arg1 = System Board Inlet Temp
Detailed Description
The minimum non critical threshold value identified in the message cannot be set, because the value entered is lesser than, or equal to the minimum critical threshold value.

Recommended Response
Action
Check the minimum critical threshold level using an appropriate RACADM command. For example, to view the minimum threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

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**RAC1068**

**Message**
Unable to set minimum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum non critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum non critical threshold value.

**Recommended Response**
Action
Check the maximum non critical threshold level using an appropriate RACADM command. For example, to view the maximum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC1069

**Message**
Unable to set minimum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum critical threshold value.

**Recommended Response Action**
Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC1070

**Message**
Unable to set the maximum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum critical threshold value.

**Arguments**
arg1 = System Board Inlet Temp

**Detailed Description**
The maximum non critical threshold value identified in the message cannot be set, because the value entered is greater than or equal to the maximum critical threshold value.

**Recommended Response Action**
Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then...
retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

---

**RAC1071**

**Message**: Unable to set maximum non critical threshold value of `arg1`, because the value entered is less than, or equal to the minimum non critical threshold value.

**Arguments**: `arg1` = System Board Inlet Temp

**Detailed Description**: The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum non critical threshold value.

**Recommended Response**: Check the minimum non critical threshold level using an appropriate RACADM command. For example, to view the minimum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

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**CMC**
**RAC1072**

**Message**
Unable to set maximum non critical threshold value of *arg1*, because the value entered is less than, or equal to the minimum critical threshold value.

**Arguments**
*arg1* = System Board Inlet Temp

**Detailed Description**
The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum critical threshold value.

**Recommended Response**
Check the minimum critical threshold level using an appropriate RACADM command. For example, to view the minimum critical threshold value of a sensor, run the `racadm getsensorinfo` command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the `racadm help` command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Remote System Log**

**iDRAC**
- ✔
- ✔

**CMC**

**Remote System Log**

**RAC1073**

**Message**
Unable to reset the threshold value of sensor *arg1* because the capability to reset this sensor threshold value is not supported.

**Arguments**
*arg1* = sensor name

**Detailed Description**
The threshold value of the sensor identified in the message cannot be successfully set because the capability reset the sensor threshold value is not supported.

**Recommended Response**
No response action is required. For more information about resetting the threshold level of a sensor, run the "racadm getsensorinfo" command at the command line interface (CLI), and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
### RAC1109

**Message**
Unable to run the command, because an incorrect Share type is entered.

**Detailed Description**
Unable to run the command, because an incorrect Share type was entered.

**Recommended Response**
Enter an appropriate Share location of the following types: FTP, NFS, or CIFS. For more information, run the “racadm help update” command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC1110

**Message**
Unable to run the command, because an incorrect Proxy port number was entered.

**Detailed Description**
Unable to run the command, because an incorrect Proxy port number was entered. The Proxy port value must be a positive integer.

**Recommended Response**
Enter only numbers for a Proxy port value.

**Category**
Configuration (RAC = RAC Event)
RAC1111

Unable to delete the pending values or operations of the specified device.

Unable to clear pending values or operations from the specified storage device because there are no pending operations for the specified device.

No response action is required.

RAC1112

Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job.

Unable to clear the pending state from the attributes for a RAID object. A job is currently running and iDRAC internal storage is in use.

Retry the operation after any currently running jobs have completed. Jobs can be monitored by running the racadm command "racadm jobqueue view".
RAC1113

Message
Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option.

Detailed Description
The configuration XML preview operation cannot be executed because the -b, -s, and -w options must not be used with the --preview option.

Recommended Response
Remove the -b, -w, and -s options when using the --preview option and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC1114

Message
Configuration XML file preview operation job is initiated. Job ID = arg1

Arguments
arg1 = job ID

Detailed Description
The configuration XML preview operation was successfully initiated and has generated a job with the job ID identified in the message.
**Recommended Response**
Monitor the status of the preview operation job by running the racadm command "racadm jobqueue view -i <job ID>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC1115

**Message**
Unable to run the command, because of insufficient user privileges.

**Detailed Description**
The command could not be successfully run, because of insufficient privileges for the username supplied.

**Recommended Response**
Make sure that you have appropriate privileges, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

### RAC1116

**Message**
Unable to run the command, because the restart flag entered is incorrect.
**Detailed Description**
The command could not be successfully run, because an incorrect “restart flag” value was entered in the command.

**Recommended Response**
Enter a correct flag value. The recommended values are “true” and “false”. Make sure that you have entered the correct value, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC1117**

**Message**
Unable to run the command.

**Detailed Description**
The operation specified in the command could not be successfully completed.

**Recommended Response**
Retry the operation after 2 minutes. If the problem persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**1408**
**RAC1118**

**Message**
Successfully initiated the update operation specified in the command.

**Detailed Description**
Successfully initiated the update operation specified in the command.

**Recommended Response Action**
To know about the status of a command that is initiated, run the following command: racadm jobqueue view -i <job ID>.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

**RAC1119**

**Message**
Unable to generate a comparison report for the specified repository.

**Detailed Description**
The command could not be successfully run because of one or more of the following reasons: 1. The command does not have "--verifycatalog" in it. 2. The updates available on the repository are not applicable for the operation that is requested.

**Recommended Response Action**
To generate a comparison report, type "--verifycatalog" in the racadm command, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
Unable to run the command, because an incorrect Proxy type is entered.

Unable to run the command, because the data entered for connecting to the Proxy server is insufficient.

Make sure that you entered either “http” or “https” as the proxy type. Enter the correct type, and then retry the operation.

Make sure that you enter the following data, and then retry the operation: - proxy server address - proxy user name - proxy password

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

1410
RAC1122

Message
The specified group or object is not supported on the server.

Detailed Description
One or more of the group or component attributes specified in the operation do not exist on the targeted server.

Recommended Response
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC1123

Message
Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration.

Detailed Description
Fibre Channel (FC) objects are not available if Fibre Channel devices are not installed in the server, or if some iDRAC services are busy.

Recommended Response
Do the following: 1) Power off and remove AC or DC power from the server. 2) Make sure the Fibre Channel devices are correctly installed in the server. 3) Restart the server to allow the Collect System Inventory On Restart (CSIOR) feature to update the server inventory. 4) Retry the operation. If the issue persists, contact your service provider.
### RAC1128

**Message**
The `-l` option must be specified if `-u` and `-p` options are used.

**Detailed Description**
Any operation involving remote share (CIFS) cannot continue if the location `-l` option is not specified. The `-u` and `-p` options represent the user name and password for the remote share, and `-l` represents the location of the remote share.

**Recommended Response**
Make sure to specify the location `-l` option of the remote share along with the user name and password, and retry the operation. To view the list of options that can used for the required subcommand, run the RACADM command `"racadm help <subcommand>"`.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 2 (Warning)

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### RAC1129

**Message**
Unable to modify the BootOnce object.

**Detailed Description**
The BootOnce object could not be modified, because the FirstBootDevice object is set to either F10, F11, or BIOS.
Configure the FirstBootDevice object to values other than F10, F11, or BIOS and retry the set operation for the BootOnce object. For more information about possible FirstBootDevice values, run the RACADM command "racadm help idrac.serverboot.firstbootdevice".

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Recommended Response Action

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RAC1130

**Message**
Unable to complete the operation. This feature is not supported on the currently-used platform.

**Detailed Description**
The requested operation could not be successfully completed because of an unsupported version of BIOS, USC, and/or iDRAC firmare.

**Recommended Response Action**
Verify whether or not a correct version of BIOS, Lifecycle Controller, and/or iDRAC firmware is installed. For more information on the appropriate firmware version required, refer to the RACADM Command Line Reference Guide. Also check if there is a limitation in terms of platforms such as monolithic or modular, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
**RAC1131**

**Message**

iDRAC was successfully reset.

**Detailed Description**

The iDRAC was reset and is successfully restarted.

**Recommended Response**

None.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

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**RAC1132**

**Message**

Unable to update the firmware. The value entered for an option is invalid.

**Detailed Description**

The firmware could not be successfully updated, because one or all of the following values are incorrect: a. logon ID b. IP address of TFTP or FTP server c. Full path of the firmware file.

**Recommended Response**

Run the racadm command "racadm help <subcommand>" to get more details about the various options applicable for this command and the values accepted by the command.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

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**RAC1133**

**Message**
BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart.

**Detailed Description**
The BIOSRTDRequested attribute was modified successfully. The BIOS reset to default values operation is pending a server restart.

**Recommended Response**
To apply the BIOS default values, restart the server. After the server has restarted, the default BIOS values will be accessible from the iDRAC.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC1134**

**Message**
Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

**Detailed Description**
Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

**Recommended Response**
Export the Lifecycle Log to a network file share. Using the RACADM command line utility, run the lclog export command with --complete option and related network file share parameters, and then retry the operation. For more information about the --complete option, run the "racadm help lclog export" command at the command line interface.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
Unable to run the RACADM command because an internal instrumentation component has stopped functioning.

The RACADM command could not be run because the internal instrumentation components are either busy or have stopped functioning.

Wait for a minute for the internal instrumentation component to respond, and then retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for 15 seconds, wait for the iDRAC to finish restarting, and then retry the operation. If the issue continues to persist, contact your service provider.

Remote unattended diagnostic execution operation initiated.

The remote unattended diagnostic execution operation is initiated.

Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.
**RAC1137**

**Message**
Remote unattended diagnostic results export operation initiated.

**Detailed Description**
Remote unattended diagnostic results export operation initiated.

**Recommended Response**
Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

**RAC1138**

**Message**
Unable to export the diagnostics results because the results do not exist.

**Detailed Description**
Unable to export the remote diagnostics results because the remote diagnostics results have not been generated.
Recommended Response: Using the RACADM command line interface, run the “racadm diagnostics run” command to make sure that the diagnostics results are available, and then retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | | | | |
CMC | | | | | |

RCAC1139

Message: The entered option is not supported by the interface.
Detailed Description: The requested file can be exported from the firmware racadm only to a remote file share.
Recommended Response: Create a remote file share to export the file or use remote or local racadm to export to the file system that is accessible by the racadm executable.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | | | | |
CMC | | | | | |

RCAC1140

Message: File name is not required to export the Technical Support Report (TSR) to a remote share.
The file name cannot be specified when the Technical Support Report (TSR) is exported to a remote share.

Run the command without using the -f option. For more information on exporting Technical Support Report (TSR), run the command racadm help techsupreport export.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

---

RAC1141

The iDRAC firmware rollback operation was initiated.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)
RAC1142

Message
Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes.

Detailed Description
The Remote diagnostic operation cannot be performed because the difference between “Start Time” and “Expiration Time” is less than 5 minutes.

Recommended Response Action
Make sure that the Expiration Time is greater than five minutes, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

RAC1143

Message
Configuration results are not applicable for the job type for Job: arg1.

Arguments
arg1 = job ID

Detailed Description
The job identified in the message is not a configuration job, a configuration XML import or preview type job that generates configuration results.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC

CMC
**RAC1144**

**Message**
The Job: `arg1` is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

**Arguments**
`arg1 = job ID`

**Detailed Description**
No configuration results information is available for the job ID identified in the message because the job ID is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

**Recommended Response**
Check the job ID identified in the message and retry the operation with a valid job ID. To check valid job IDs in the current job queue, using RACADM, run the command `racadm jobqueue view`.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**RAC1145**

**Message**
The entered log type is invalid.

**Detailed Description**
The value entered for the `-t` option is invalid.

**Recommended Response**
Check help text for the list of valid log types and retry the operation by entering a valid log type.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC.

The SNMPv3 username cannot be set because SNMPv3 is not enabled for the specified user on iDRAC.

Enable SNMPv3 for the specified user by running the command "racadm set iDRAC.Users.<user index>.SNMPv3Enable 1", and then retry the operation.

RAC1146
Message
Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC.
Detailed Description
The SNMPv3 user cannot be set because the user with the entered username for the SNMPv3 group is not present or enabled on iDRAC.
Recommended Response
Make sure the specified username is present on iDRAC and enabled, and retry the operation.
Category
Configuration (RAC = RAC Event)
Severity
Severity 3 (Informational)

Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC.

The SNMPv3 user cannot be set because the user with the entered username for the SNMPv3 group is not present or enabled on iDRAC.

Make sure the specified username is present on iDRAC and enabled, and retry the operation.

RAC1147
Message
Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC.
Detailed Description
The SNMPv3 user cannot be set because the user with the entered username for the SNMPv3 group is not present or enabled on iDRAC.
Recommended Response
Make sure the specified username is present on iDRAC and enabled, and retry the operation.
Category
Configuration (RAC = RAC Event)
Severity
Severity 3 (Informational)
RAC1150

Message       Unable to complete the export operation.
Detailed Description The export operation did not be complete successfully.
Recommended Response Retry the export operation after five minutes.
Action
Category       Configuration (RAC = RAC Event)
Severity       Severity 3 (Informational)

RAC1151

Message       The export operation is unsuccessful.
Detailed Description The export operation did not complete successfully.
Recommended Response Action

Run the RACADM techsupreport collect command again and then retry the export operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Filter Visibility

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event

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RAC1152

Message
The export operation completed successfully.

Detailed Description
The export operation completed successfully.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Filter Visibility

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RAC1153

Message
The time stamp is not available to display.
Detailed Description
The time stamp was not recorded for the previous techsupreport collect operation.

Recommended Response
Run the RACADM techsupreport collect command. After the techsupreport collect operation completes, run the RACADM getupdatet ime command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

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**RAC1154**

Message
The requested operation is initiated.

Detailed Description
The requested techsupreport collect or export operation is initiated.

Recommended Response
Run the RACADM jobqueue sub-command, using the job id to check the status of the requested operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

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RAC1155

Message: Unable to complete the operation because Lifecycle Controller is disabled.

Detailed Description: The operation was not completed because Lifecycle Controller is disabled.

Recommended Response: Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, run the command `racadm set LifeCycleController.LCAttributes.LifecycleControllerState 1`.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

---

RAC1156

Message: Unable to display the information about the server network interfaces.

Detailed Description: The server network interface information cannot be received because the iDRAC Service Module is not installed or not running on the server operating system (OS) or collection of the OS data is disabled.

Recommended Response: Run the command `racadm get iDRAC.ServiceModule` to check if iDRAC Service Module is installed and running on the server operation system, and the collection of the OS data is enabled.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC1157

Message: Unable to find the specified FQDD.

Detailed Description: The specified FQDD is invalid.

Recommended Response: Verify whether or not the entered FQDD is valid. Run the command `racadm gethostnetworkinterfaces` for the list of valid FQDDs.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC1158

Message: The requested number of log entries exceeds the limit.

Detailed Description: The requested number of Lifecycle log entries exceed the limit and cannot be displayed. The remote RACADM operation may time out before retrieving all the log entries.

Recommended Response: Retrieve a smaller number of log entries using remote RACADM or use firmware or local RACADM to view all the log entries. To retrieve a limited number of log entries, use the `-n` option. For example, to view the last 10 log entries, run the command `racadm lclog view -n 10`.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)
RAC1159

**Message**
Unable to get the requested data from iDRAC.

**Detailed Description**
The data cannot be retrieved from iDRAC because Lifecycle Controller is disabled or a DUP update is in progress.

**Recommended Response**
Do the following: 1) Check if a DUP fw update is progress and wait until it is finished. 2) Make sure the Lifecycle Controller is Enabled. To enable Lifecycle Controller, run the command racadm set LifeCycleController.LCAttributes.LifecycleControllerState 1. 3) Retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

RAC1160

**Message**
Unable to set USB group objects because of insufficient privilege for user account arg1.

**Arguments**
arg1 = username

**Detailed Description**
Unable to set USB group objects because the user account identified in the message does not have the System Control privilege, which is required for this operation.
**Recommended Response**
Contact the iDRAC system administrator and get the System Control privilege added to the account identified in the message or use account credentials that have System Control privilege and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1161**

**Message**
Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running.

**Detailed Description**
Unable to initiate the techsupreport collect operation because the iDRAC Service Module (iSM) is not running.

**Recommended Response**
Run the command racadm get iDRAC.ServiceModule to make sure that iDRAC Service Module is installed and running on the server operation system (OS) and also to verify that the collection of the server OS data is enabled.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC1162**

**Message**
Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress.
Detailed Description: The requested techsupreport collect operation cannot be initiated because another techsupreport collect operation for the Tech Support Report (TSR) is in progress.

Recommended Response Action: Wait for the current collect operation to complete before initiating another collect operation. To view the status of the techsupreport collect operation, run the command racadm jobqueue view.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

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RAC1163

Message: The peak utilization value of out-of-band performance monitoring sensor $arg1$ is successfully reset.

Arguments: $arg1$ = sensor name

Detailed Description: The peak utilization value of out-of-band performance monitoring sensor identified in the message is successfully reset.

Recommended Response Action: No response action required.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

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**RAC1164**

**Message**
A remote diagnostics operation is currently running and not completed.

**Detailed Description**
A remote diagnostics operation is already under execution and another operation can be started only after the current execution is completed.

**Recommended Response**
Initiate another diagnostics operation only after the currently running operation is completed.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1165**

**Message**
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

**Detailed Description**
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

**Recommended Response**
Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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1431
RAC1166

Message
Successfully initiated Configuration XML file preview operation that was invoked by arg1.

Arguments
arg1 = user name

Detailed Description
The Configuration XML file preview operation was successfully initiated after it was invoked by the user name identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

---

RAC1168

Message
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

Detailed Description
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

Recommended Response Action
Run the RACADM "racadm get" command to retrieve the iDRAC configuration parameters. For more information on the get command, run the RACADM command "racadm help get".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**RAC1169**

**Message**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Detailed Description**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Recommended Response**
Run the RACADM "racadm set" command to configure the iDRAC configuration parameters. For more information on the set command, run the RACADM command "racadm help set".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

Unable to find the SSL library in the default path.

**RAC1170**

**Message**
Unable to find the SSL library in the default path.

**Detailed Description**
Unable to find the SSL library. This can be because, the library is not installed in the default path or no SSL library is installed.

**Recommended Response**
If a SSL library is not installed, install one and retry the operation. If a SSL library is installed, create a soft-link of the installed SSL library to "libssl.so" using the linux "ln" command and retry the operation.

**Category**
Configuration (RAC = RAC Event)
### RAC1175

**Message**
Unable to change the user configuration because modifying the user configuration at index 1 is not allowed.

**Detailed Description**
The user configuration cannot be modified, because modification is not allowed at index 1.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
**Recommended Response Action**

Make sure that all the attributes in the iDRAC.Security group are configured. To get the list of attributes, run the following command “racadm get iDRAC.Security”.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

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**RAC1177**

**Message**

A USB device is attached to the iDRAC.

**Detailed Description**

A USB device is attached to the iDRAC and accessible from the iDRAC.

**Recommended Response Action**

No response action is required. To attach the USB device to the server instead of the iDRAC, remove the USB device from the front panel USB port, change the USB Management Port mode settings and then reinsert the USB device.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

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**RAC1178**

**Message**

A USB device is attached to the iDRAC and a configuration XML import operation is in progress.
**Detailed Description**
A USB device is attached to the iDRAC and a configuration XML import operation is in progress.

**Recommended Response**
Wait until the configuration XML import operation has completed before attempting another operation. Verify the status of the configuration XML import operation by running the RACADM command “racadm jobqueue view”.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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**RAC1179**

**Message**
Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

**Detailed Description**
Unable to complete requested operation because a Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

**Recommended Response**
To change the USB Management Port mode setting, remove the Type A/A USB cable from the front panel USB port and change the port mode settings.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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RAC1180

**Message**
A USB device is inserted in the front panel USB Management port and is in use by the server operating system.

**Detailed Description**
A USB Device inserted in the front panel USB Management port and is in use by the server operating system. The device needs to not be in use in order to change the port mode settings.

**Recommended Response**
Remove and reinsert the USB device and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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RAC1181

**Message**
Unable to change USB Management Port mode.

**Detailed Description**
USB Management Port state cannot be changed because of an unknown hardware or firmware issue.

**Recommended Response**
To change the Management Port mode settings do the following: If a device is present, remove and reinsert the USB device from the front panel USB Management port and retry the operation. If the issue persists restart the iDRAC and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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Unable to retrieve information for the Power group or attribute because the server is not PMBus capable.

The server instrumentation cannot provide any information related to power because PMBus capability is not present or the PSU(s) with PMBus capability have been removed.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature.

The IP addresses 169.254.0.3 and 169.254.0.4 cannot be assigned to the device identified in the message because the IP addresses entered are reserved for the iDRAC Direct feature.

Enter another appropriate IP address, and then retry the operation.

Configuration (RAC = RAC Event)

Severity 2 (Warning)
The getuscvresion RACADM subcommand will be deprecated in a future release. Instead of getuscvresversion, run the getversion -f lc subcommand.

**Message**
The getuscvresion RACADM subcommand will be deprecated in a future release.

**Detailed Description**
The getuscvresion RACADM subcommand will be deprecated in a future release.

**Recommended Response**
Instead of getuscvresversion, run the getversion -f lc subcommand.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

**RAC1185**

**Message**
Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered.

**Detailed Description**
The static IPv6 address is not configured because an invalid IPv6 address or IPv6 Gateway is entered.

**Recommended Response**
Enter a valid IPv6 address and IPv6 Gateway, and retry the operation.

**Category**
Configuration (RAC = RAC Event)
**RAC1186**

**Message**
1000Mbps speed setting is Read Only and cannot be configured for the iDRAC NIC.

**Detailed Description**
Only possible configurations for the DRAC NIC are 10Mbps and 100 Mbps. For documentation with respect to this setting, refer to the racadm User Guide under cfgNetTuning group.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**RAC1187**

**Message**
Invalid Start Time Entered. Unable to start the Remote Diagnostics operation because the Start Time entered is earlier than the current iDRAC time.

**Detailed Description**
The remote diagnostics operation could not be initiated because the Start Time entered is invalid. It is earlier than the current iDRAC time.

**Recommended Response Action**
Enter a Start Time that is later than the current iDRAC time and retry the operation. Run the “racadm getractime” command to obtain the current iDRAC time.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
**RAC1188**

**Message**
Unable to configure the Upper Non-Critical value for the System Performance sensor.

**Detailed Description**
Unable to configure the Upper Non-Critical value for the System Performance sensor because the value provided is not in valid range.

**Recommended Response**
Specify a value in the range of 0 to 100 to set the upper non-critical value.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

**RAC1189**

**Message**
Unable to set the object value for iDRAC Service Module.

**Detailed Description**
The idrac.serviceModule.watchdogtmer object can not be enabled if the OS watchdog timer is already enabled.

**Recommended Response**
Disable the object using `racadm set bIOS.integratedDevices.osWatchdogTimer Disabled` Then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
RAC802

Message
iDRAC time is set using Network Time Protocol.

Detailed Description
iDRAC time has been set through Network Time Protocol (NTP).

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

---

RAC913

Message
Unable to login to RAC using the specified address

Detailed Description
The management system could not login to the iDRAC.

Recommended Response Action
Verify whether the username and password given for the iDRAC are correct.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
### RAC914

**Message**: Value specified is invalid: Must be 0 (Off) or 1 (On).

**Detailed Description**: The specified value is not within the valid range. To set the LED state to off, enter 0. To set the LED state to on, enter 1.

**Recommended Response**: Set the numeric value to 0 (Off) or 1 (On).

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

---

### RAC915

**Message**: Unable to change auto-negotiation property for the NIC.

**Detailed Description**: The auto-negotiation property for the iDRAC NIC can be changed only if the NIC is in dedicated mode. To change the NIC mode to dedicated, an iDRAC Enterprise license is required.

**Recommended Response**: Change the NIC mode to dedicated mode by using `racadm set idrac.nic.selection <1 | Dedicated>`, and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

---

### RAC916

**Message**: Value given exceeds the maximum threshold value.

**Detailed Description**: The value given is greater than the maximum threshold value.

**Recommended Response**: Set values lesser than the maximum threshold value. To view the maximum threshold value, run `racadm get System.Power.Cap.MaxThreshold` at the command prompt.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)
RAC917

**Message**  
The syntax of the specified command is not correct.

**Detailed Description**  
The syntax of the specified command is incorrect.

**Recommended Response**  
See the command help text. To see the help, run "racadm help <subcommand>".

**Action**  

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

RAC918

**Message**  
Unable to get the inlet temperature data.

**Detailed Description**  
Racadm unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the underlying instrumentation does not return valid values.

**Recommended Response**  
Wait for the underlying instrumentation to populate the thermal tables. Retry the operation.

**Action**  

**Category**  
System Health (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

RAC919

**Message**  
Copy to remote share unsuccessful. Remote share might be write protected.

**Detailed Description**  
Racadm could not export the inlet temperature history file to the specified remote share. This is because the specified share may be write- protected.

**Recommended Response**  
To export the file, change the permissions on the remote share. Else, create another share with write permissions.

**Action**  

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC920

Message
This interface does not support the specified option.

Detailed Description
From firmware racadm, the inlet temperature history can be exported only to a remote file share.

Recommended Response
Create a remote file share to export the inlet temperature history. Else, use remote/local racadm to export to the file system accessible by the racadm executable.

Action

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC921

Message
The temperature history can be exported in XML or CSV format only.

Detailed Description
The file type specified (with the t parameter) is invalid. The temperature history can be exported in XML or CSV.

Recommended Response
Change the requested export file type to either XML or CSV. To do this, change the argument given to the t parameter. The argument given to the parameter is case-insensitive.

Action

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

RAC922

Message
Specified path is too long.

Detailed Description
The specified path (specified with the l parameter) for the remote share is too long. This path should be less than 256 characters in length.

Recommended Response
Try the same command with a different remote share location, which is less than 256 characters in length.

Action

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
RAC923

Message: The file path is too long.
Detailed Description: The specified file path (specified with the f parameter) is too long. This path should be less than 64 characters in length.
Recommended Response: Try the same command with a shorter file path (specified with the f parameter) which is less than 64 characters in length.
Action
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RAC924

Message: Inlet temperature history exported successfully.
Detailed Description: The inlet temperature history was successfully exported to the specified file.
Recommended Response: None.
Action
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC925

Message: Recurrence interval is not applicable for this subcategory.
Detailed Description: An alert recurrence cannot be set for the specified subcategory. The alert recurrence is applicable only to the TMPS subcategory.
Recommended Response: 1. Check if the alert recurrence is applicable to this subcategory. To check this run racadm eventfilters get. 2. To set the notifications for the specified subcategory, run the command without the -r option.
Action
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC926

**Message**
The recurrence interval needs to be an integer from 0 to 365.

**Detailed Description**
The value given for the recurrence interval is invalid. It has to be a value from 0 to 365.

**Recommended Response**
Change the argument of r to a value from 0 to 365 and then run the same command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

RAC927

**Message**
Recurrence value modified successfully.

**Detailed Description**
The recurrence value was successfully modified to the specified value.

**Recommended Response**
None.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

RAC928

**Message**
Unable to modify the recurrence value.

**Detailed Description**
Racadm unable to set the recurrence value. This occurs if the underlying instrumentation do not set the value.

**Recommended Response**
Wait for a few minutes and retry the command. If the problem persists, contact the service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
RAC929

Message: Invalid category or subcategory specified.
Detailed Description: The category or subcategory specified is incorrect. The recurrence interval is applicable only to the TMPS subcategory and system category.
Recommended Response Action: See the command help text, for a list of valid categories.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC930

Message: Unable to export the inlet temperature data.
Detailed Description: Racadm is currently unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the instrumentation does not return valid values.
Recommended Response Action: Wait for the instrumentation to populate the thermal tables. Retry the operation. If the problem persists, contact the service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RAC936

Message: Unable to change the hot spare property for the PSU.
Detailed Description: iDRAC cannot enable or disable the hot spare property, because the system has a non-PMBus PSU.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
RAC937

Message
Successfully initiated configuration XML file import operation that was invoked by the arg1.

Arguments
arg1 = user name

Detailed Description
The configuration XML file import operation was successfully initiated after it was invoked by the user specified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC938

Message
Successfully initiated configuration XML file export operation invoked by the arg1.

Arguments
arg1 = user name

Detailed Description
The configuration XML file export operation was successfully initiated after it was invoked by the user specified in the message.
### RAC939

**Message**
Unable to start the system configuration profile export or import operation.

**Detailed Description**
The request to perform a system profile export or import operation cannot be started because a firmware update operation is already in progress.

**Recommended Response Action**
Wait until the update operation is completed or cancel the update operation, and retry.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC940

**Message**
Unable to start the system configuration profile export or import operation.
If an existing system profile import or export job is running, then a system configuration profile backup or restore operation cannot be started.

Wait until the existing system profile export or import job is completed or cancel the job before retrying the operation.

Configuration (RAC = RAC Event)
Severity 2 (Warning)

Successfully initiated the export operation. This operation may take several minutes to complete.

A system configuration profile export operation may take several minutes to complete depending on the system configuration.

Monitor the job status using "racadm jobqueue view -i <Job ID>".

Configuration (RAC = RAC Event)
Severity 3 (Informational)
### RAC942

**Message**
Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied.

**Detailed Description**
The system configuration profile import operation is initiated. No other operations can be performed on the system while the system configuration server profile is being imported from the system configuration profile.

**Recommended Response Action**
Monitor the job status using "racadm jobqueue view -i <Job ID>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
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### RAC943

**Message**
Warning: Collect System Inventory On Restart (CSIOR) feature is disabled.

**Detailed Description**
The Collect System Inventory On Restart (CSIOR) feature is currently disabled. If the system inventory is not up-to-date, the system configuration profile that is being copied will not have the latest inventory information.

**Recommended Response Action**
To get latest inventory information, cancel the current export job, run "racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1" to enable CSIOR, and re-initiate the export operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

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### RAC944

**Message**
Unable to create the configuration job.

**Detailed Description**
A configuration job cannot be created if Lifecycle Controller is disabled.

**Recommended Response**
Run `racadm set LifecycleController.LCAtributes.LifecycleControllerState 1` to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### RAC945

**Message**
Invalid object value specified.

**Detailed Description**
The dedicated NIC or shared NIC scan time value is not between 5 and 255 seconds.

**Recommended Response**
Make sure to set the scan time value between 5 and 255 seconds, and retry the operation. For more information, see RACADM help.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
RAC946

Message: Unable to set the NIC to Auto Dedicated NIC mode.

Detailed Description: The “Auto Dedicated NIC” mode cannot be set for a NIC if the NIC selection mode is set to “Dedicated NIC”.

Recommended Response: To set the NIC to Auto Dedicated NIC mode, set NIC selection mode to “Shared NIC”, and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

RAC947

Message: Invalid object value specified.

Detailed Description: The value used for the object set operation is invalid.

Recommended Response: Make sure to specify the value depending on the type of object. For more information, see RACADM help.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC948

Message
Unable to send the notification for the specified event to the configured destination.

Detailed Description
A test event notification for the specified message ID was not sent to the configured destination.

Recommended Response
Make sure to use a valid message ID, set the required notification filter, and retry the operation. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

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RAC949

Message
Successfully added a work note to the Lifecycle Log.

Detailed Description
The specified work note was added to the Lifecycle Log.

Recommended Response
View the work notes using the racadm lclog view c worknotes command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)
### Unable to add the work note to the Lifecycle Log.

**Message**
Unable to add the work note to the Lifecycle Log.

**Detailed Description**
The work note cannot be added to the Lifecycle Log if iDRAC is archiving the older records in the Lifecycle Log.

**Recommended Response**
Wait for several minutes while iDRAC archives the older records, and then retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

### The number of characters entered for the work note exceeds the supported limit.

**Message**
The number of characters entered for the work note exceeds the supported limit.

**Detailed Description**
Up to 256 characters are allowed for a work note.

**Recommended Response**
Do not exceed 256 characters in the work note, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
There is no free space to add new work notes to the Lifecycle Log.

The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further work notes can be added to the Lifecycle Log.

Contact your service provider.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Successfully added the comment.

The comment was added to the specified entry in the Lifecycle Log.

View the added comment using the racadm lclg view q <seq. no> -n 1 command.

Configuration (RAC = RAC Event)

Severity 3 (Informational)
### RAC954

**Message**

The number of characters entered for the comment exceeds the supported limit.

**Detailed Description**

Up to 128 characters are allowed for a comment.

**Recommended Response**

Do not exceed 128 characters for the comment, and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

---

### RAC955

**Message**

Unable to retrieve the information related to the specified record in the Lifecycle Log.

**Detailed Description**

The specified record does not exist in the Lifecycle Log.

**Recommended Response**

Run the `racadm lclog view -i` command to get the sequence number of the records logged in the Lifecycle Log, and retry the command with a valid sequence number.

**Category**

Configuration (RAC = RAC Event)
### RAC956

**Message**
There is no free space to add new comments to the Lifecycle Log.

**Detailed Description**
The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further comments can be added to the Lifecycle Log.

**Recommended Response**
Contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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### RAC957

**Message**
An import or export operation is currently in progress.

**Detailed Description**
Another import or export operation cannot be started until the current operation is complete.

**Recommended Response**
Wait until the current import or export operation is complete before starting another operation. Use the racadm jobqueue view command to check the status of the current import or export operation.
RAC958

Message: Unable to start the import or export operation.

Detailed Description: An import or export operation cannot be started until the current running job is complete.

Recommended Response: Wait for the current running job to complete before starting another operation. Current job running can be update or backup or file export or similar job. Use the racadm jobqueue view command to check the status of the current update operation jobs.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC959

Message: Invalid file used for configuration XML file import operation.

Detailed Description: The content of the configuration XML file used for import is invalid because of incorrect modifications or content.
### RAC960

**Message**
Unable to find the specified configuration XML file for import.

**Detailed Description**
The configuration XML file specified for import cannot be located in the specified repository.

**Recommended Response**
Make sure the specified file name is correct and is located in the specified repository, and retry the operation. For more information about the syntax, run `racadm help set` to view RACADM help.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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### RAC961

**Message**
A pending or committed system configuration change exists.
Another import operation cannot be started if an import operation that was performed earlier has some pending or committed configuration changes. Wait until the configuration changes are applied before starting another import operation. Use the racadm jobqueue view command to check the status of the current import operation.

**RAC962**

Unable to continue with the operation because Lifecycle Controller is in recovery state.

Lifecycle Controller must be enabled to run the operation.

Enable the Lifecycle controller using the racadm set LifeCycleController.LCAtributes.LifecycleControllerState 1 command, and retry the operation.

**Configuration (RAC = RAC Event)**

**Severity 3 (Informational)**
RAC963

Message  Unable to retrieve the status of Lifecycle Controller.
Detailed Description  iDRAC is unable to read Lifecycle Controller status. Lifecycle Controller must be enabled to run the operation.
Recommended Response  Run the racadm get LifeCycleController.LCAtributes.LifecycleControllerState command to get the status of the Lifecycle Controller. If the issue persists, contact your service provider.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)

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RAC964

Message  Unable to perform the operation.
Detailed Description  The operation cannot be performed because of an internal error.
Recommended Response  Wait for some time before retrying the operation. If the issue persists, contact your service provider.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)

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</table>
**RAC965**

**Message**

The \(-l\) option must be specified if \(-u\) and \(-p\) are used.

**Detailed Description**

Any operation involving remote share (CIFS) cannot continue if the location \((-l)\) is not specified. The \(u\) and \(p\) options represent the user name and password for the remote share, and \(-l\) represents the location of the remote share.

**Recommended Response**

Make sure to specify the location \((-l)\) of the remote share along with the user name and password, and retry the operation. To view the list of options that can used for the required subcommand, use the racadm help <subcommand> command.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Filter Visibility**

- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Category**

RAC966

**Message**

Unable to continue with the operation because the user name or password is not specified.

**Detailed Description**

Any operation involving remote share (CIFS) cannot continue if user name, password, or both are not specified. The \(u\) and \(p\) options represent the user name and password for the remote share.

**Recommended Response**

Make sure to specify both user name and password for the remote share, and retry the operation. To view the list of options that can used for the required subcommand, use the racadm help <subcommand> command.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)
Exporting the configuration XML file to a local share is not supported when using Firmware RACADM.

The configuration XML file can only be exported to a remote share while using Firmware RACADM.

When using Firmware RACADM, make sure to export the configuration XML file to a remote share only.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC968

Importing the configuration XML file from a local share is not supported when using Firmware RACADM.

The configuration XML file cannot be imported from a client location when using Firmware RACADM.

When using Firmware RACADM, make sure to import the configuration XML file from a remote share only.
**RAC969**

**Message**
Incorrect value specified for the shutdown option.

**Detailed Description**
The import operation cannot continue if the value specified for the shutdown option (-b) is incorrect. The supported values are "Graceful" and "Forced".

**Recommended Action**
Make sure to specify either "Graceful" or 'Forced' for the shutdown (-b) option.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC970**

**Message**
Incorrect value specified for the end power state option.

**Detailed Description**
The import operation cannot continue if the value specified for the end power state of the system option (-s) is incorrect. The supported values are "On" and "Off".

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Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)

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**RAC971**

Message Incorrect file type specified.

Detailed Description The import or export operation cannot continue if the value specified for the file type is incorrect. The correct value for the file type is "xml" or "ini".

Recommended Response Action Make sure to specify either "xml" or "ini" for the file type (-t) option. If no file type is specified, "ini" is used as default.

Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)

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**RAC972**

Message Insufficient privileges to run the configuration XML file import or export operations.
**Detailed Description**
Configuration XML import and export operations require the specified username to have administrator role privileges.

**Recommended Response**
Run the same command with a username that has an administrator role privileges.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC973**

**Message**
The imported configuration XML file matches the current system configuration.

**Detailed Description**
The configuration XML file which was specified for import, had the same configuration as the current system configuration.

**Recommended Response**
Make any desired system configuration changes to the configuration XML file and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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RAC974

Message
Invalid wait time specified.

Detailed Description
The value specified for the wait time (w) option is invalid. The valid range is 300 to 3600 seconds.

Recommended Response
Make sure to specify a valid wait time (-w) option and retry the command. The range of supported values are 300 to 3600 seconds.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC
CMC

RAC975

Message
Invalid share type specified.

Detailed Description
The share type specified using the l parameter is invalid. Only CIFS or NFS share types are supported for this operation.

Recommended Response
See the subcommand help text for supported share types.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC ✔
CMC
### RAC976

**Message**
Export configuration XML file operation initiated.

**Detailed Description**
The configuration XML file export operation was initiated.

**Recommended Response**
Use the `racadm jobqueue view i <Job ID>` command to view the status of the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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### RAC977

**Message**
Import configuration XML file operation initiated.

**Detailed Description**
The configuration XML file import operation was initiated.

**Recommended Response**
Use the `racadm jobqueue view i <Job ID>` command to view the status of the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC978**

**Message**
Unsupported Lifecycle Controller firmware version detected.

**Detailed Description**
The Lifecycle Controller firmware version on the target system does not support the configuration XML file import or export operations.

**Recommended Response Action**
Update to the latest Lifecycle Controller firmware and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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**RAC979**

**Message**
Successfully uploaded the custom signing certificate to iDRAC.

**Detailed Description**
The custom signing certificate was extracted from the Public Key Cryptography Standards version 12 (PKCS12) file and applied to the system configuration.

**Recommended Response Action**
No response action required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

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RAC981

Message: The type of certificate specified does not require a passphrase.

Detailed Description: A passphrase is required only for passphrase protected certificate, which is specified using the value of 3 for the -t option.

Recommended Response: If the file being uploaded is passphrase protected, specify the file type as 3 using the -t option. If the file is not passphrase protected, retry the command, without specifying the -p option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC982

Message: Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected.

Detailed Description: The PKCS12 file provided is invalid, because it may not be in the correct format.

Recommended Response: For more details, contact the Certificate Authority.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC983

Message: Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file.

Detailed Description: The Public Key Cryptography Standards version 12 (PKCS12) file is passphrase protected, and the passphrase provided is invalid.

Recommended Response Action: Specify the correct passphrase for the file using -p option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC984

Message: Unable to upload the Public Key Cryptography Standards version 12 (PKCS12) file.

Detailed Description: iDRAC is unable to extract the custom signing certificate and the private key from the Public Key Cryptography Standards version 12 (PKCS12) file.

Recommended Response Action: Check if the specified file and passphrase are valid, and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
Unable to configure the cfgServerBootOnce object.

**Detailed Description**
The object "cfgServerBootOnce" cannot be configured if the object "cfgServerFirstBootDevice" is set to F10, F11, or BIOS value.

**Recommended Response**
Change the value of the object "cfgServerFirstBootDevice" using the RACADM command "racadm config -g cfgServerInfo -o cfgServerFirstBootDevice<value other than F10, F11, and BIOS>"., and retry configuring the object "cfgServerBootOnce".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

The "vmkey" sub-command is deprecated.

**Detailed Description**
The "vmkey" sub-command is deprecated, and the functionality is available using "vflashsd" sub-command.

**Recommended Response**
Use "vflashsd" sub-command instead of "vmkey". For more information about the sub-command, use "racadm help vflashsd" command.

**Category**
Configuration (RAC = RAC Event)
**RAC987**

**Message**  
Firmware update job for arg1 is initiated.

**Arguments**  
arg1 = file name

**Detailed Description**  
After initiating the firmware update job, the time taken to complete it depends on size of the update file.

**Recommended Response**  
This firmware update job may take several minutes to complete depending on the component or firmware being updated. To view the progress of the job, use the ‘racadm jobqueue view’ command.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

---

**RAC988**

**Message**  
Unable to initiate the arg1 firmware update.

**Arguments**  
arg1 = file name

**Detailed Description**  
A new firmware update job cannot be initiated while an existing firmware update job is still in one of these states: “New”, “Downloading”, or “Running”.

---

*1475*
Recommended Response
Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, use the "racadm jobqueue view" command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC989

Message
Unable to apply the arg1 firmware update.

Arguments
arg1 = file name

Detailed Description
Only Windows-based Update Package (.exe extension), iDRAC Firmware (.d7 extension), Personality Module Firmware (.pm extension), Lifecycle Controller firmware repair package (.usc) are supported for the firmware update operation.

Recommended Response
The file used for the operation is invalid. For the list of supported files, use "racadm help update". For the correct version of the file specific to the system, contact the service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC990

Message
Unable to apply the `arg1` update.

Arguments
`arg1 = file name`

Detailed Description
If Lifecycle Controller is disabled, the firmware update operation cannot continue.

Recommended Response
Enable Lifecycle Controller using the `racadm set lifecyclecontroller.lcattributes.lifecyclecontrollerstate 1` command, and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

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RAC991

Message
Unable to run the "jobqueue" command.

Detailed Description
The "jobqueue" command cannot be run, because the existing update jobs are transitioning to one of these states: "New", "Downloading", or "Running".

Recommended Response
Wait until the existing update jobs are completed before retrying the operation. To monitor the status of the existing jobs, use the "racadm jobqueue view" command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

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1477
**RAC992**

**Message**  
Invalid job: `arg1`.

**Arguments**  
`arg1` = job ID

**Detailed Description**  
The job ID specified in the message is invalid or was already deleted.

**Recommended Response Action**  
To monitor the current set of the jobs, use the "racadm jobqueue view" command.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Filter Visibility**  
- IPMI Alert
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- Remote System Log
- WS Eventing

- **iDRAC**
  - ✔
- **CMC**

---

**RAC993**

**Message**  
The job: `arg1` was deleted.

**Arguments**  
`arg1` = job ID

**Detailed Description**  
The job ID specified in the message was deleted.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)
Unable to run the "jobqueue delete --all" command.

The jobs cannot be deleted if they are in one of these states: "Scheduled" or "Running". However, all jobs in one of these states: "Completed" or "Failed" will be deleted.

To monitor the job status, use the "racadm jobqueue view -i <job ID>", and delete the jobs one at a time using the "racadm jobqueue delete -i <job ID>" command.

Unable to retrieve the hardware inventory.

The hardware inventory cannot be retrieved because another hardware inventory operation may already be in progress or due to an internal error whether or not Collect System Inventory On Restart (CSIOR) is enabled or disabled.

Another hardware inventory operation may already be in progress and must complete before retrying the operation. If no other hardware inventory operation was in progress, make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the system, and retry the operation. If CSIOR is already enabled and
no other hardware inventory operation was in progress, reboot the iDRAC using 'racadm racreset' command and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

**RAC996**

**Message**
Unable to set the object value because the DNS RAC Name object is not configured.

**Detailed Description**
Unable to set the specified object value because the object DNS RAC Name is not configured.

**Recommended Response**
Configure DNS Rac Name using 'racadm set iDRAC.NIC.DNSRacName <Name>' command, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

**RAC997**

**Message**
The object DNSDomainFromDHCP cannot be enabled.

**Detailed Description**
The DHCP for Domain Name cannot be enabled if IPv4 and IPv4 DHCP or IPv6 and IPv6 AutoConfig is disabled.
**Recommended Response**

Make sure that IPv4 and IPv4 DHCP are enabled, or IPv6 and IPv6 AutoConfig are enabled.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

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### Detailed Description

IPv6 cannot be enabled if iDRAC NIC is disabled.

### Recommended Response

Enable iDRAC NIC using "racadm set iDRAC.NIC.Enable < 1 | Enabled >" command and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

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### Detailed Description

The object DNSFromDHCP6 cannot be enabled.
**Detailed Description**

DNSFromDHCP6 cannot be enabled if iDRAC IPv6 AutoConfig is disabled.

**Recommended Response Action**

Enable IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig < 1 | Enabled >" command, and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

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RDU Event Messages

RDU0001

Message
The fans are redundant.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2475

OMSA Event ID
5304

OMSA Trap ID
5304

Filter Visibility
IPMI Alert
SNMP Alert
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Remote System Log
WS Eventing

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CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC

RDU0002

Message
Fan redundancy is lost.

Detailed Description
One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.

Recommended Response Action
Remove and re-install failed fans or install additional fans.

Category
System Health (RDU = Redundancy)

Severity
Severity 1 (Critical)

Trap/EventID
2473

LCD Message
Fan redundancy is lost. Check fans.
**RDU0003**

**Message**
Fan redundancy is degraded.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2474

**OMSA Event ID**
5305

**OMSA Trap ID**
5305

**RDU0004**

**Message**
The fans are not redundant.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.
**Recommended Response Action**

Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

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**RDU0005**

**Message**
The fans are not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**
One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2473

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**RDU0011**

**Message**: The power supplies are redundant.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (RDU = Redundancy)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2475

**OMSA Event ID**: 5304

**OMSA Trap ID**: 5304

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| iDRAC            | ✓*           | ✓            |
| CMC              | ✓*           |              |
+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+
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**RDU0012**

**Message**: Power supply redundancy is lost.

**Detailed Description**: The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.

**Recommended Response Action**: Check the event log for power supply failures. Review system configuration and power consumption.

**Category**: System Health (RDU = Redundancy)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2473

**LCD Message**: Lost PSU redundancy. Check PSU cables

**OMSA Event ID**: 5306
### RDU0013

**Message**
Power supply redundancy is degraded.

**Detailed Description**
The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.

**Recommended Response Action**
Check the event log for power supply failures. Review system configuration and power consumption.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2474

**LCD Message**
PSU redundancy degraded. Check PSU cables

**OMSA Event ID**
5305

**OMSA Trap ID**
5305

### RDU0014

**Message**
The power supplies are not redundant.
Detailed Description: The current power supply configuration does not meet the platform requirements to enable redundancy. If a power supply fails the system may shut down.

Recommended Response: If unintended, review system configuration and power consumption and install power supplies accordingly. Check power supply status for failures.

Category: System Health (RDU = Redundancy)

Severity: Severity 3 (Informational)

Trap/EventID: 2475

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**RDU0015**

Message: The power supplies are not redundant. Insufficient resources to maintain normal operations.

Detailed Description: The system may power down or operate in a performance degraded state.

Recommended Response: Check the event log for power supply failures. Review system configuration and power consumption and upgrade or install power supplies accordingly.

Category: System Health (RDU = Redundancy)

Severity: Severity 1 (Critical)

Trap/EventID: 2473

LCD Message: PSUs are not redundant. Insufficient resources. Check PSU cables.

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### RDU0016

**Message**
The storage voltage is redundant.

**Detailed Description**
The storage voltage is redundant.

**Recommended Response Action**
No response action is required

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

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### RDU0017

**Message**
The storage power redundancy is no longer available.

**Detailed Description**
The storage system has redundant power lines. One of power lines is no longer available.

**Recommended Response Action**
Turn system off and remove AC input power for one minute. Re-apply input power and turn system on. If the issue still persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2474
The storage power redundancy is degraded.

**Detailed Description**
The storage system has multiple redundant power lines. One or more of these power lines is no longer available.

**Recommended Response**
Turn system off and remove AC input power for one minute. Re-apply input power and turn system on. If the issue still persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2474

---

The storage voltage is not redundant.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (RDU = Redundancy)
Severity 3 (Informational)

**RDU0020**

**Message**
Power supply redundancy is disabled.

**Detailed Description**
Redundancy is not currently enabled for the power supplies.

**Recommended Response**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5302
Recommended Response Action

Replace the failed power supply with a new power supply.

Category System Health (RDU = Redundancy)

Severity Severity 2 (Warning)

OMSA Event ID 5301

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RDU0022

Message Fan redundancy is disabled.

Detailed Description Redundancy is not currently enabled for the fans.

Recommended Response Action No response action is required.

Category System Health (RDU = Redundancy)

Severity Severity 3 (Informational)

OMSA Event ID 5302

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RDU0023

**Message**
Unable to determine the redundancy status of the fans.

**Detailed Description**
One or more fans are non-functional or may have failed.

**Recommended Response**
Check that all fans are working properly. Replace any non-functional fan with a new fan.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

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RDU0030

**Message**
The storage voltage of arg1 is redundant.

**Arguments**
arg1 = device name

**Detailed Description**
The storage voltage of the device identified in the message is redundant.

**Recommended Response**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

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RDU0031

Message
The arg1 voltage redundancy is lost.

Arguments
arg1 = name

Detailed Description
The system has redundant voltage lines. One of voltage line is no longer available.

Recommended Response
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (RDU = Redundancy)

Severity
Severity 1 (Critical)

Trap/EventID
2473

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔
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✔
CMC
✔
*
✔
*

RDU0032

Message
The arg1 voltage redundancy is degraded.

Arguments
arg1 = name

Detailed Description
The system has multiple redundant voltage lines. One or more of these voltage lines is no longer available.

Recommended Response
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (RDU = Redundancy)

Severity
Severity 2 (Warning)

Trap/EventID
2474
### RDU0033

**Message**

The `arg1` voltage is not redundant.

**Arguments**

`arg1` = name

**Detailed Description**

None

**Recommended Response**

No response action is required

**Category**

System Health (RDU = Redundancy)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2475

---

### RDU8500

**Message**

CMC `arg1` : active

**Arguments**

`arg1` = slot number

**Detailed Description**

The CMC is identified in the message is active.
Recommended Response Action

No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)

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### RDU8501

**Message**
CMC arg1: waiting to be reset by other CMC

**Arguments**
arg1 = slot number

**Detailed Description**
The Active CMC has detected a problem or a low memory condition. It is waiting for the Standby CMC to reset the Active CMC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

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### RDU8502

**Message**
CMC arg1 cannot go standby since the other CMC is not present or healthy.
Arguments  
arg1 = slot number

Detailed Description  
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

Recommended Response  
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

Category  
Audit (RDU = Redundancy)

Severity  
Severity 3 (Informational)

---

**Arguments**  
arg1 = slot number

**Detailed Description**  
CMC failover is enabled.

**Recommended Response**  
No response action is required.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)

---

**RDU8506**

**Message**  
CMC arg1 : enable failover

**Arguments**  
arg1 = slot number

**Detailed Description**  
CMC failover is enabled.

**Recommended Response**  
No response action is required.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)
RDU8507

Message  
CMC arg1 : disable failover

Arguments  
arg1 = slot number

Detailed Description  
CMC failover is disabled.

Recommended Response Action  
No response action is required.

Category  
Audit (RDU = Redundancy)

Severity  
Severity 3 (Informational)

RDU8508

Message  
CMC arg1 : cannot failover since the other CMC is non-functional.

Arguments  
arg1 = slot number

Detailed Description  
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

Recommended Response Action  
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

Category  
Audit (RDU = Redundancy)

Severity  
Severity 3 (Informational)
### RDU8509

**Message**
CMC arg1 : cannot failover, chassis is in non-redundant state

**Arguments**
arg1 = slot number

**Detailed Description**
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

### RDU8510

**Message**
CMC arg1 : cannot failover, CMC firmware versions are different

**Arguments**
arg1 = slot number

**Detailed Description**
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.
**Recommended Response**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
---|---|---|---|---|---
**iDRAC**
**CMC**

**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---|---
**iDRAC**
✔️
**CMC**
✔️

**RDU8511**

**Message**
Unable to failover, CMC arg1 in unknown state.

**Arguments**
arg1 = slot number

**Detailed Description**
For failover, the standby CMC needs to be present, at the same firmware version as the primary CMC and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC does not meet this criteria.

**Recommended Response**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
---|---|---|---|---|---
**iDRAC**
**CMC**

**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---|---
**iDRAC**
✔️
**CMC**
✔️
**RDU8512**

**Message**
CMC arg1 : firmware versions are different [ arg2 arg3 : arg4 arg5 ]

**Arguments**
arg1 = slot number, arg2 = local fw version, arg3 = factory revision, arg4 = remote version, arg5 = factory revision

**Detailed Description**
The firmware versions of the Active CMC and the Standby CMC are different.

**Recommended Response**
Update the firmware so that the Active and Standby CMC firmware versions are the same.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

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**RDU8513**

**Message**
CMC arg1 : firmware versions are same arg2 arg3

**Arguments**
arg1 = slot number, arg2 = fw version, arg3 = factory revision

**Detailed Description**
The firmware version of Active CMC and Standby CMC are the same.

**Recommended Response**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

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RDU8514

Message
CMC arg1: cannot failover, firmware update is in progress.

Arguments
arg1 = slot number

Detailed Description
A failover operation has been requested, but a failover operation cannot be completed while CMC firmware update is in progress.

Recommended Response Action
No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)

RDU8515

Message
CMC arg1: failover was initiated by internal health monitoring process.

Arguments
arg1 = slot number

Detailed Description
A CMC failover was initiated by the CMC health monitoring process. There should be a reason listed in the chassis log.

Recommended Response Action
No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)
RDU8516

Message: CMC arg1 : failover initiated by RACADM interface.
Arguments: arg1 = slot number
Detailed Description: A failover has been requested from the RACADM command line interface.
Recommended Response Action: No response action is required.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)

RDU8517

Message: CMC arg1 : no action allowed while firmware update is in progress
Arguments: arg1 = slot number
Detailed Description: No failover or other action can occur while a CMC firmware update is in progress.
Recommended Response Action: No response action is required. Wait until the firmware update is complete and retry the operation.
RDU8518

**Message**
CMC \texttt{arg1} : active CMC \texttt{arg2} requests Standby CMC to go active state.

**Arguments**
\texttt{arg1} = slot number, \texttt{arg2} = slot number

**Detailed Description**
The active CMC requests the Standby CMC to go active. If the user did not initiate this request, review the chassis log for the reason.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

---

RDU8519

**Message**
Unable to communicate with peer CMC \texttt{arg1}.

**Arguments**
\texttt{arg1} = slot number

**Detailed Description**
The communication between the primary and standby CMCs was lost. This may occur when the CMC identified in the message is restarting, or a firmware update operation is in progress. If the issue persists, a failover will occur.
Recommended Response Action

Wait for 10 minutes for: 1) Firmware update operations to complete and 2) The CMC to finish restarting. If the communication is not reestablished, remove and reinset the CMC.

Category Audit (RDU = Redundancy)

Severity Severity 3 (Informational)

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**RDU8520**

Message CMC \(arg1\) : recovered from unhealthy state

Arguments \(arg1 = \) slot number

Detailed Description The standby CMC is recovered from unhealthy state by the monitoring daemon.

Recommended Response Action No response action is required.

Category Audit (RDU = Redundancy)

Severity Severity 3 (Informational)

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**RDU8521**

Message CMC \(arg1\) : active CMC has been removed
Arguments: arg1 = slot number

Detailed Description: The active CMC has been removed from the chassis. If standby CMC is present, it will become active.

Recommended Response Action: Reinstall the CMC that was removed.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | * | | | | | |
CMC | ✔ | * | | | | | ✔*

RDU8522

Message: CMC arg1 : standby CMC arg2 became active

Arguments: arg1 = slot number, arg2 = slot number

Detailed Description: The standby CMC identified in the message became the active CMC.

Recommended Response Action: No response action is required.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | * | | | | | |
CMC | ✔ | * | | | | | ✔*
## RDU8523

**Message**  
CMC arg1 : reset by peer CMC

**Arguments**  
arg1 = slot number

**Detailed Description**  
The CMC identified in the message was reset by other CMC. This occurs during failover and CMC firmware update to the standby CMC.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)

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## RDU8524

**Message**  
CMC arg1 : failover is not allowed

**Arguments**  
arg1 = slot number

**Detailed Description**  
CMC failover action is not allowed in the current configuration.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)

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1508
RED Event Messages

RED000

**Message**: Unrecognized error code encountered.

**Detailed Description**: An unknown error was returned.

**Recommended Response**: Check the uniform resource identifier (URI) target path and make sure the repository server is available.

**Category**: Updates (RED = FW Download)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 6210

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RED001

**Message**: Job completed successfully.

**Detailed Description**: Job completed successfully.

**Recommended Response**: No response action is required.

**Category**: Updates (RED = FW Download)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 6211

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**RED002**

**Message**
Package successfully downloaded.

**Detailed Description**
Package has been successfully downloaded. The Job Scheduler will schedule it at the time specified.

**Recommended Response**
Schedule the job if it is not already scheduled.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

---

**RED003**

**Message**
Downloading package.

**Detailed Description**
Package is being downloaded.

**Recommended Response**
Schedule the job if it is not already scheduled.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211
RED004

Message  The job cannot be run because of an unknown issue.
Detailed Description  The job cannot be run because of an unknown issue.
Recommended Response  Check the uniform resource identifier (URI), target path and make sure the repository server is available.
Category  Updates (RED = FW Download)
Severity  Severity 2 (Warning)
Trap/EventID  6210

RED005

Message  The specified URI is invalid.
Detailed Description  The uniform resource identifier (URI) specified for the share location is invalid.
Recommended Response  Provide a valid uniform resource identifier (URI) for the share location
Category  Updates (RED = FW Download)
**Severity**  Severity 2 (Warning)

**Trap/EventID**  6210

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**RED006**

**Message**  Unable to download Update Package.

**Detailed Description**  The Update Package cannot be successfully downloaded.

**Recommended Response**  Check the network connection and access to the update package from the iDRAC.

**Category**  Updates (RED = FW Download)

**Severity**  Severity 2 (Warning)

**Trap/EventID**  6210

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**RED007**

**Message**  Unable to verify Update Package signature.

**Detailed Description**  The Update Package security signature cannot be verified.

1512
Recommended Response
Re-acquire the Update Package from the service provider.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Trap/EventID
6210

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RED008

Message
Unable to extract payloads from Update Package.

Detailed Description
The firmware payloads in the Update Package cannot be extracted. This may be because the file is not valid or the security signature cannot be verified.

Recommended Response
Re-acquire the Update Package from the service provider.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Trap/EventID
6210

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**RED009**

**Message**
Lifecycle Controller is not present.

**Detailed Description**
Lifecycle Controller is not present.

**Recommended Response**
Verify if Lifecycle Controller is installed on the system by pressing F10 on boot up. If the Lifecycle Controller application is not present, use the update package to reinstall it.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

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**RED010**

**Message**
The target specified is invalid.

**Detailed Description**
The target specified is invalid.

**Recommended Response**
correct the target information and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

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### RED0101

**Message**
Rollback successfull.

**Detailed Description**
The firmware was rolled back to the previous version.

**Recommended Response**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### RED011

**Message**
USC version is not compatible.

**Detailed Description**
Current USC version does not support this component. Check InstanceID

**Recommended Response**
Use the latest version of USC available if possible.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

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### RED012

**Message**
Unable to create Lifecycle Controller update task.

**Detailed Description**
Unable to create a Lifecycle Controller update task. The related job status is marked Failed.

**Recommended Response**
Retry the update operation after one minute.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

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### RED013

**Message**
The DUP specified is not compatible with the target device.

**Detailed Description**
The DUP specified is not compatible with the target device.

**Recommended Response**
Download and use the DUP that matches the device being targeted.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

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### RED014

**Message**: Job for this device is already present.

**Detailed Description**: A job for this update already exists in the queue and prevents the new job from being scheduled.

**Recommended Response**: Delete the existing job before scheduling a new update job. For Remote Services API consumers, enumerate all the jobs to find and identify the duplicate job. Then invoke the DeleteJob() method to delete this job and enable the new update job to be scheduled.

**Category**: Updates (RED = FW Download)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 6210

### RED015

**Message**: The download protocol specified is not supported.

**Detailed Description**: The download protocol specified is not supported.

**Recommended Response**: The supported protocols include NFS, CIFS, HTTP, FTP, TFTP

**Category**: Updates (RED = FW Download)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 6210
RED016

Message
Mount of remote share failed.

Detailed Description
The remote share location that has the file(s) or ISO image did not mount correctly.

Recommended Response
1. Verify that the path to the share is correct and that the parameters to the call are correct. 2. Verify that there are no network connectivity issues. 3. Verify that the mount point exists.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Trap/EventID
6210

RED017

Message
The DUP specified is not compatible with the target system.

Detailed Description
The DUP specified is not compatible with the target system.

Recommended Response
Download and use the DUP that matches the system that the installation is targeting.

Category
Updates (RED = FW Download)
### RED018

**Message**
Reinstall or Rollback not supported for this device.

**Detailed Description**
Reinstall or Rollback not supported for this device.

**Recommended Response**
1. Update the device directly using the update methods since rollback is not supported for this device. 2. Verify that the target specified in the command is correct.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

---

### RED019

**Message**
Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Detailed Description**
Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Recommended Response**
Directly update to the desired version.
RED020

Message: Feature not supported on current version of USC.

Detailed Description: The feature invoked is not supported by the current version of the Unified Server Configurator.

Recommended Response: Upgrade Unified Server Configurator to the latest available version before using this feature.

Category: Updates (RED = FW Download)
Severity: Severity 2 (Warning)

RED021

Message: The component InstanceID specified is not present on the system.

Detailed Description: The component InstanceID specified could not be located on the system.
**Recommended Response Action**
Ensure the component specified for updates is present in the system. Restart the system with Collect System Inventory on Restart enabled and verify that the component is represented by an instance of DCIM_SoftwareIdentity.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

---

### RED022

**Message**
Version compatibility check was not successful.

**Detailed Description**
The version compatibility check of the firmware update package was not successful for the device specified.

**Recommended Response Action**
The version compatibility check was not successful for the device specified. Verify that the firmware version pre-requisites specified in the release notes are satisfied.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

---

### RED023

**Message**
Lifecycle Controller in use. This job will start when Lifecycle Controller is available.
The Lifecycle Controller is unable to access internal storage currently in use by another operation.

Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server and then Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

Updates (RED = FW Download)

Severity 2 (Warning)

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<tr>
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<th>IPMI Alert</th>
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**RED024**

The specified job starts when Lifecycle Controller is available.

Lifecycle Controller is in use or currently processing another job. The specified job starts when Lifecycle Controller is available.

Wait for current Lifecycle Controller task to complete.

Updates (RED = FW Download)

Severity 3 (Informational)

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RED025

Message
arg1 firmware updated successfully. Current version: arg2

Arguments
arg1 = device name, arg2 = firmware version

Detailed Description
The firmware for the indicated device updated successfully to the identified firmware version.

Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
<device name> <firmware version> Updated successfully.

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Remote System Log

WS Eventing

<device name> <firmware version> Updated successfully.

RED026

Message
An internal error occurred while processing updates.

Detailed Description
An internal error occurred while processing the current update. The update did not complete successfully.

Recommended Response Action
Retry the current operation.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

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RED027

Message: Insufficient space to upload the requested file.
Detailed Description: The temporary storage is full. The uploaded files must be installed to clear space for additional uploads.
Recommended Response Action: Select and install the currently uploaded files before uploading additional files.
Category: Updates (RED = FW Download)
Severity: Severity 2 (Warning)

RED028

Message: Update files were not selected.
Detailed Description: Update files were not selected, therefore the installation did not proceed.
Recommended Response Action: Select one or more update files to install.
Category: Updates (RED = FW Download)
Severity: Severity 2 (Warning)
## RED029

**Message**
A reboot is pending.

**Detailed Description**
This task will reboot the system at the scheduled start time.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

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## RED030

**Message**
Reboot is complete.

**Detailed Description**
The system reboot is complete.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

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RED031

Message  Approaching maximum size limit allowed for storing firmware images.

Detailed Description  The internal space available for storing firmware images is almost full. Normal operations will continue until the critical limit is reached. When the critical limit is reached, all the rollback firmware images will be deleted.

Recommended Response Action  No response action is required.

Category  Updates (RED = FW Download)

Severity  Severity 2 (Warning)

RED032

Message  Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images.

Detailed Description  The rollback firmware images previously stored were deleted to provide space for storing the firmware images for the requested operation. All the rollback firmware images are deleted.

Recommended Response Action  No response action is required.

Category  Updates (RED = FW Download)

Severity  Severity 2 (Warning)
**RED033**

**Message**
Unable to reboot system.

**Detailed Description**
The request to shut down the operating system did not complete successfully. The iDRAC was unable to complete the system reboot. Any operation that depends on the system reboot will not complete until reboot is complete.

**Recommended Response**
Identify and resolve any operating system issues that prevented the shutdown. After resolving the issues preventing the operating system shutdown, retry the operation or reboot the system using other methods or interfaces.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

---

**RED034**

**Message**
Firmware update in progress.

**Detailed Description**
A firmware update operation is currently in progress.

**Recommended Response**
Check the firmware update job status. Wait for the current job to complete.

**Category**
Updates (RED = FW Download)
### RED035

**Message**

**Arguments**
arg1 = component, arg2 = firmware version, arg3 = firmware version

**Detailed Description**
The firmware for the component identified in the message was updated successfully by the firmware rollback operation. The component firmware was updated from the earlier version to the current version identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<device name> <previous firmware version> <new firmware version> rollback successful

---

---

### RED036

**Message**
Firmware updates are available: arg1

**Arguments**
arg1 = component name
Firmware updates are available for component identified in the message in the specified remote repository and it is recommended to update to the firmware available in the repository.

Update the component firmware to the version available in the specified remote repository.

Updates (RED = FW Download)

Severity 3 (Informational)

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RED037

All components firmware match with the specified remote repository.

The currently installed firmware of the components on the server match with the specified remote repository.

No response action is required.

Severity 3 (Informational)

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RED038

Message: A recurring task of type {arg1} is added.

Arguments: {arg1} = task type

Detailed Description: An Automatic Server Profile Export or Automatic Update task identified in the message has been added.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was added.

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RED039

Message: Settings for a recurring operation of type {arg1} were cleared.

Arguments: {arg1} = operation label

Detailed Description: Settings for an Automatic Server Profile Backup, Automatic Update, or other recurring operations identified in the message were cleared. The recurring operation identified in the message is deleted.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was removed.
A recurring operation of type $\text{arg1}$ created a job $\text{arg2}$.

**Arguments**

- $\text{arg1} = \text{operation type}$, $\text{arg2} = \text{job ID}$

**Detailed Description**
The job identified in the message was created by an Automatic Server Profile Backup, Automatic Update, or other recurring operation.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<task type> <job ID> A recurring task created a job.
Recommended Action
Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
<task type> A recurring task was not created because the required license is not present.

Filter Visibility
IPMI Alert SNMP Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔

Filter Visibility
LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC

RED042

Message
A recurring operation of type arg1 was not created because the necessary user access rights are not available.

Arguments
arg1 = operation type

Detailed Description
The necessary user access rights for performing the operation identified in the message are not available for the username used to access the iDRAC.

Recommended Response Action
Use a username that has the necessary access rights and retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
<task type> A recurring task was not created because the required user authority is not present.

Filter Visibility
IPMI Alert SNMP Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC

1532
RED043

**Message**
A recurring operation of type `arg1` was not created because the operation type is disabled.

**Arguments**
`arg1` = operation type

**Detailed Description**
The operation identified in the message is currently disabled.

**Recommended Response Action**
Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoBackup 1". To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoUpdate 1".

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
A recurring task was not created because the task type is disabled.

RED044

**Message**
A recurring operation of type `arg1` was unable to create a job because the required license is not available now.

**Arguments**
`arg1` = operation type

**Detailed Description**
The license required to perform the operation identified in the message either has expired or was removed and the iDRAC was unable to create the next job in the sequence.
Recommended Response Action

Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

Category: Updates (RED = FW Download)
Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was unable to create a job because the required license is no longer present.

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CMC

RED045

Message: A recurring operation of type arg1 was unable to create a job because the necessary user access rights are not available now.

Arguments: arg1 = operation task

Detailed Description: The necessary user access rights for performing the operation identified in the message were removed or the username was removed and the iDRAC is unable to create the next job in the sequence.

Recommended Response Action

Use a username that has the necessary access rights and retry the operation.

Category: Updates (RED = FW Download)
Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was unable to create a job because the required user authority is no longer present.

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CMC
RED046

Message
A recurring operation of type \texttt{arg1} was unable to create a job because the task type is now disabled.

Arguments
\texttt{arg1} = operation type

Detailed Description
The operation identified in the message was disabled and the iDRAC was unable to create the next job in the sequence.

Recommended Action
Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoBackup 1". To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoUpdate 1".

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
\texttt{<task type>} A recurring task was unable to create a job because the task type is now disabled.

RED047

Message
A recurring operation \texttt{arg1} was not created because the operation is already configured.

Arguments
\texttt{arg1} = operation type

Detailed Description
An Automatic Server Profile Backup or Automatic Update operation is already configured.
**Recommended Response Action**
Clear the existing configuration settings for the operation identified in the message and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
A recurring task was not created because a task of that type is already present.

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**RED048**

**Message**
The job arg1 was deleted because the recurring operation arg2 was cleared.

**Arguments**
arg1 = job ID, arg2 = operation type

**Detailed Description**
The next job in the recurring operation sequence identified in the message was not started and was deleted, because an Automatic Server Profile Backup or Automatic Update operation was cleared.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
The given job was deleted because the recurring task of the given type was removed.

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RED049

Message: The job \( \text{arg1} \) is deleted because the recurring operation \( \text{arg2} \) is currently not enabled.

Arguments: \( \text{arg1} = \text{job ID} \), \( \text{arg2} = \text{operation type} \)

Detailed Description: When an Automatic Backup or Automatic Update recurring operation is disabled or the license for this feature is expired, the next job in the sequence had not started yet and was deleted.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: \(<\text{job ID}> <\text{tasktype}> \) The given job was deleted because the recurring task of the given type was no longer enabled.

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RED050

Message: The specified user credentials necessary for downloading an update package were not correct.

Detailed Description: The download of the update package was not successful because the user name or password provided to access the network share or the proxy server settings were not correct.

Recommended Response Action: Check the network connection and access to the update package from the iDRAC. Verify that the user access credentials and proxy server settings are correct.
**RED051**

**Message**
The network file transfer of an update package was not successful.

**Detailed Description**
The update package file download was not successful. This could be due to the following: 1) The update package file is missing, 2) The host address, share, user name, and password information are correct but the file name was invalid, 3) The network file share could not be mounted, or 4) The network file share disconnected before the transfer was complete.

**Recommended Response Action**
Check the network connection and access to the update package from the iDRAC.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**RED052**

**Message**
Processing of update packages is starting.

**Detailed Description**
Processing of update packages is starting. Attempting a manual update will not be possible until current update package processing is completed.
Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

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**RED053**

Message
Processing of update packages has completed.

Detailed Description
Processing of update packages has completed.

Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

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**RED054**

Message
An update job arg1 was created.

Arguments
arg1 = job ID
A job for applying an update package was created.

No response action is required.

Updates (RED = FW Download)

Severity 3 (Informational)

---

### RED055

A reboot job \( \text{arg1} \) was created.

\( \text{arg1} = \text{job ID} \)

A reboot job for applying one or more update packages has been created. The server will reboot at the specified start time.

No response action is required.

Updates (RED = FW Download)

Severity 3 (Informational)
RED056

**Message**
An internal error occurred. Unable to complete the specified operation.

**Detailed Description**
An internal error occurred because of insufficient memory available on iDRAC.

**Recommended Response**
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

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RED057

**Message**
An internal error occurred. Unable to complete the specified operation.

**Detailed Description**
An internal error occurred because of insufficient memory available on iDRAC.

**Recommended Response**
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

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**RED058**

**Message**
A repository update job `arg1` was created.

**Arguments**

`arg1` = job ID

**Detailed Description**
A repository update job with the job ID identified in the message was created.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

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| iDRAC | ✔ | ✔ | ✔ |
| CMC   |   |   |   |

**RED059**

**Message**
Unable to create an update job for `arg1`.

**Arguments**

`arg1` = component name

**Detailed Description**
Unable to create an update job for the component identified in the message.

**Recommended Response Action**
Retry the operation for the component identified in the message.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)
The specified repository catalog is not supported.

The specified repository catalog is either not supported or the structure is incorrect. Only Windows Update Packages are supported by iDRAC and Lifecycle Controller for the operation. If the structure is incorrect, either the expected elements are not present, or unexpected elements are present in the catalog XML file. The catalog XML file should be generated by the Repository Manager tool.

Check the repository catalog file name and contents. Rebuild the catalog XML file using Repository Manager by selecting Windows Update Packages only, and retry the operation.

Updates (RED = FW Download)
Severity 2 (Warning)

The job is successfully scheduled.

The job is successfully scheduled. The job will automatically start at the specified start time.

No response action is required.
RED062

Message
Unable to successfully authenticate user credentials to the specified repository.

Detailed Description
Unable to successfully authenticate. The username or password entered is incorrect, or HTTP server does not support BASIC or Digest authentication types.

Recommended Response
Verify username, password and server authentication type. To manually update, retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Trap/EventID
2572

Arguments
arg1 = available firmware version, arg2 = installed firmware version
Detailed Description
The iDRAC firmware updated successfully to the firmware version identified in the message.

Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
IDRAC <firmware version> Updated successfully.

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#### RED064

**Message**
The scheduled Update from Repository job completed successfully. Applicable updates were not found.

**Detailed Description**
A scheduled Update from Repository completed and no applicable updates were found.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

### Filter Visibility

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### RED065

**Message**
The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.

**Detailed Description**
The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

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### RED066

**Message**
The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

**Detailed Description**
The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

**Recommended Response Action**
A system restart is required to apply the staged updates.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

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1546
The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211
RED070

Message
Unable to configure the Automatic Backup schedule.

Detailed Description
Unable to configure the Automatic Backup schedule due to invalid input parameters.

Recommended Response
Verify the input parameters to the set Automatic Backup schedule method are correct and retry the operation.

Category
Configuration (RED = FW Download)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RED071

Message
Unable to get the Automatic Backup schedule information.

Detailed Description
Unable to get the Automatic Backup schedule information because the schedule is not configured.

Recommended Response
Configure the Automatic Backup schedule.

Category
Configuration (RED = FW Download)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RED072

Message
Unable to delete the Automatic Backup schedule.

Detailed Description
Unable to delete the Automatic Backup schedule information because the schedule is not configured.
**RED073**

**Message**
The input value entered for the parameter `arg1` is invalid.

**Arguments**
`arg1 = parameter`

**Detailed Description**
The operation did not complete successfully because of an invalid value for the parameter identified in the message.

**Recommended Response Action**
Verify the value for the parameter identified in the message is valid and retry the operation.

**Category**
Configuration (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED074**

**Message**
A required parameter is not present.

**Detailed Description**
The operation did not complete successfully because the required parameters were not present in the method invocation.

**Recommended Response Action**
Verify that all required parameters for the method are present and retry the operation.

**Category**
Configuration (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED075**

**Message**
An Automatic Backup schedule already exists.

**Detailed Description**
The Automatic Backup schedule operation could not be successfully created because the Automatic Backup schedule configuration already exists.
**RED076**

**Message**
Unable to create an Automatic Update schedule, because an invalid parameter is entered.

**Detailed Description**
Unable to create the Automatic Update schedule because an input parameter is invalid.

**Recommended Response Action**
Verify the values for all the input parameters are correct and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**RED077**

**Message**
Unable to get the Automatic Update schedule information.

**Detailed Description**
Unable to get the Automatic Update schedule information because the schedule is not configured.

**Recommended Response Action**
Configure the Automatic Update schedule.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**RED078**

**Message**
Unable to delete the Automatic Update schedule.

**Detailed Description**
Unable to delete the Automatic Update schedule information because the schedule is not configured.
**Recommended Response**
Configure the Automatic Update schedule.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED079**

**Message**
The input value entered for the parameter \( \text{arg1} \) is invalid.

**Arguments**
\( \text{arg1} = \text{parameter} \)

**Detailed Description**
The operation did not complete successfully because of an invalid value for the parameter identified in the message.

**Recommended Response**
Verify the value for the parameter identified in the message is valid and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED080**

**Message**
The required parameter \( \text{arg1} \) is not present.

**Arguments**
\( \text{arg1} = \text{parameter} \)

**Detailed Description**
The operation did not complete successfully because the required parameters identified in the message is not present in the method invocation.

**Recommended Response**
Verify that all required parameters for the method are present and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED081**

**Message**
The Automatic Update schedule already exists.

**Detailed Description**
The requested operation was not successful because an Automatic Update schedule already exists.
**RED082**

**Message**
The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled.

**Detailed Description**
The Automatic Update or Automatic Backup feature is disabled.

**Recommended Response Action**
Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Update feature, select the Enable Automatic Update option.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**RED083**

**Message**
The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version.

**Detailed Description**
The Chassis firmware is not updated because the firmware version currently on the Chassis is same as the requested version.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

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RED084

Message
Unable to update the Chassis firmware because of an issue in the network communication between iDRAC and CMC.

Detailed Description
The Chassis firmware cannot be updated because of an issue in the communication between iDRAC and CMC.

Recommended Response
Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RED085

Message
Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected.

Detailed Description
The Chassis firmware cannot be updated because communication between iDRAC and CMC took more time than expected.

Recommended Response
Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

RED086

Message
Unable to update the Chassis firmware, Chassis Management at Server is not set to Monitor and Configure.

Detailed Description
The Chassis firmware cannot be updated because the Chassis Management at Server (CMAS) attribute is incorrectly set. The CMAS attribute must be set to Monitor and Configure on the CMC in order to update CMC firmware from and iDRAC.
Recommended Response Action
Make sure that the Chassis Management at Server attribute is set to Monitor and Configure, and then retry the operation. To set the correct attribute using Chassis Management Controller (CMC) GUI, navigate to Chassis Overview, then Setup, then General, and then click on the Chassis management at Server attribute to select the correct value.

Category Updates (RED = FW Download)
Severity Severity 2 (Warning)

No alerts are applicable for this message

RED087

Message Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled.

Detailed Description Unable to update the Chassis firmware because the Allow CMC Updates Through OS and Lifecycle Controller setting is set to Disabled.

Recommended Response Action Make sure that the Allow CHC Updates Through OS and Lifecycle Controller setting is set to Enabled, and then retry the operation. Using the iDRAC Web UI, select iDRAC > Update, click on the Settings tab, select Enabled for the setting and then click Apply button.

Category Updates (RED = FW Download)
Severity Severity 2 (Warning)

No alerts are applicable for this message

RED088

Message Unable to update the Chassis firmware because an update operation is already in progress.

Detailed Description The Chassis firmware cannot be updated because an update operation is already in progress.

Recommended Response Action Wait until the current update operation is completed, and then retry the operation.

Category Updates (RED = FW Download)
Severity Severity 2 (Warning)

No alerts are applicable for this message

RED089

Message A Chassis firmware update operation is in progress.
A Chassis firmware update operation is in progress. Any attempt to update Chassis firmware during this period will be unsuccessful.

No response action is required.

Updates (RED = FW Download)

Severity 3 (Informational)

**RED090**

A Chassis firmware update operation is no longer in progress. This is not an indication of success or failure.

No response action is required.

Updates (RED = FW Download)

Severity 3 (Informational)
RED091
Message: Unable to install Lifecycle Controller firmware.
Detailed Description: Unable to install Lifecycle Controller firmware.
Recommended Response Action: Reinstall the iDRAC7 firmware (DUP) to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide.
Category: Updates (RED = FW Download)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

RED092
Message: The arg1 firmware updated successfully. Previous version: arg2, Current version: arg3
Arguments: arg1 = component name, arg2 = available firmware version, arg3 = installed firmware version
Detailed Description: The firmware for the component identified in the message was updated successfully to the firmware version identified in the message.
Recommended Response Action: No response action is required.
Category: Updates (RED = FW Download)
Severity: Severity 3 (Informational)

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RED093
Message: The requested job cannot be scheduled because Lifecycle Controller is not enabled.
**Detailed Description**
Lifecycle Controller is not enabled and must be enabled in order for scheduled jobs to be created.

**Recommended Response**
Enable Lifecycle Controller and retry the operation. Lifecycle Controller can be enabled by using the F2 System Setup by pressing F2 during server startup, then select iDRAC Settings > Lifecycle Controller and enable the Lifecycle Controller feature. Retry the operation after the server restarts.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

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**RED094**

**Message**
Updating firmware for `arg1` from version `arg2` to version `arg3`.

**Arguments**
`arg1` = component name, `arg2` = available firmware version, `arg3` = installed firmware version

**Detailed Description**
The firmware for the component identified in the message is being updated to the firmware version identified in the message.

**Recommended Response**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

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**iDRAC**

CMC

**Filter Visibility**

**iDRAC**

CMC

**RED094**

**Message**
Updating firmware for `arg1` from version `arg2` to version `arg3`.

**Arguments**
`arg1` = component name, `arg2` = available firmware version, `arg3` = installed firmware version

**Detailed Description**
The firmware for the component identified in the message is being updated to the firmware version identified in the message.

**Recommended Response**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
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**iDRAC**

CMC

**Filter Visibility**

**iDRAC**

CMC

**RED094**

**Message**
Updating firmware for `arg1` from version `arg2` to version `arg3`.

**Arguments**
`arg1` = component name, `arg2` = available firmware version, `arg3` = installed firmware version

**Detailed Description**
The firmware for the component identified in the message is being updated to the firmware version identified in the message.

**Recommended Response**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)
**RED095**

**Message**
Update of rSPI was not successful after the Diagnostics package was updated.

**Detailed Description**
An item named rSPI that is dependent on the Diagnostics package was not updated successfully when the Diagnostics package was updated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

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## RFL Event Messages

### RFL2000

**Message**
Internal Dual SD Module arg1 is present.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2211

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### RFL2002

**Message**
Internal Dual SD Module arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
The SD card module is installed but may be improperly installed or configured incorrectly.

**Recommended Response Action**
Reinstall the SD module.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2210

**OMSA Event ID**
5303
### RFL2003

**Message**
Internal Dual SD Module arg1 is online.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2211

### RFL2004

**Message**
Failure detected on Internal Dual SD Module arg1.

**Arguments**
arg1 = name

**Detailed Description**
The SD card module is installed but improperly configured or failed to initialize.
Recommended Response Action

Reinstall the SD module and remove and reinstall SD cards.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 1 (Critical)

Trap/EventID
2209

LCD Message
Internal Dual SD Module <name> failed. Check SD Card

OMSA Event ID
5300

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RFL2005

Message
Internal Dual SD Module arg1 is operating normally.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 3 (Informational)

Trap/EventID
2211

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</table>
## RFL2006

**Message**
Internal Dual SD Module arg1 is write protected.

**Arguments**
arg1 = name

**Detailed Description**
The module is write-protected. Changes may not be written to the media.

**Recommended Response Action**
If unintended, remove the media and disable write protection.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2210

**LCD Message**
Internal Dual SD Module <name> is write protected. Check SD Card

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## RFL2007

**Message**
Internal Dual SD Module arg1 is writable.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)
Internal Dual SD Module arg1 is disabled.

Detailed Description
The Internal Dual SD Card redundancy feature was disabled. The SD card identified in the message is disabled.

Recommended Response
No response action is required.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 3 (Informational)

Trap/EventID 2211
**Recommended Response Action**

No response action is required.

**Category**

System Health (RFL = IDSDM Media)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2211

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RFLA Event Messages

RFLA2001

Message
Internal Dual SD Module arg1 is absent.

Arguments
arg1 = name

Detailed Description
The SD card module is not detected or not installed.

Recommended Response Action
If unintended, reinstall the SD module.

Category
System Health (RFLA = IDSDM Absent)

Severity
Severity 1 (Critical)

Trap/EventID
2481

LCD Message
Internal Dual SD Module <name> is absent. Check SD card.

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RFM Event Messages

RFM1018

Message: Removable Flash Media is absent.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)

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RFM1019

Message: Removable Flash Media is present.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)

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1566
### RFM1020

**Message**
Removable Flash Media is IPMI-function ready.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

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### RFM1021

**Message**
Removable Flash Media is not IPMI-function ready.

**Detailed Description**
The removable flash media is installed but improperly configured or failed to initialize.

**Recommended Response Action**
If unintended, reinstall the flash media.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 2 (Warning)

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</table>
Removable Flash Media is ready.

None

If unintended, reinstall the flash media.

System Health (RFM = FlexAddress SD)

Severity 3 (Informational)

Removable Flash Media is not ready.

The media is being prepared or is under maintenance. If the problem persists, reinstall the card.

If unintended, reinstall the flash media.

System Health (RFM = FlexAddress SD)

Severity 2 (Warning)
**Comment:**

Removable Flash Media is offline.

**Detailed Description:**
At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

**Recommended Response Action:**
If unintended, reinstall the flash media.

**Category:**
System Health (RFM = FlexAddress SD)

**Severity:**
Severity 2 (Warning)

---

**Filter Visibility:**
- IPMI
- SNMP
- Email
- Remote System Log
- WS Eventing

**iDRAC Visibility:**
- Yes

**CMC Visibility:**
- Yes

---

**RFM1025**

**Message:**
Removable Flash Media is online.

**Detailed Description:**
None

**Recommended Response Action:**
No response action is required.

**Category:**
System Health (RFM = FlexAddress SD)

**Severity:**
Severity 3 (Informational)
RFM1026

Message: Failure detected on Removable Flash Media.
Detailed Description: An error is reported during a SD card read or write.
Recommended Response Action: Re-install the flash media, if the issue persists replace the media.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 1 (Critical)

RFM1027

Message: Removable Flash Media is operating normally.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
Removable Flash Media was activated.

Removable Flash Media was deactivated.

Removable Flash Media was activated.

Removable Flash Media was deactivated.
RFM1030

Message: Removable Flash Media is booting.

Recommended Response Action: No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)

RFM1031

Message: Removable Flash Media has finished booting.

Recommended Response Action: No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)
Removable Flash Media is write protected.

The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

If unintended, remove the media and disable write protection.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 2 (Warning)

Removable Flash Media is writable.

None

No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)
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<tr>
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</table>

**RFM1034**

**Message:** Media not present for Removable Flash Media.

**Detailed Description:** The SD card is not detected or not installed.

**Recommended Response Action:** If unintended, reinstall the flash media.

**Category:** System Health (RFM = FlexAddress SD)

**Severity:** Severity 1 (Critical)

<table>
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<td>CMC</td>
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</table>

**RFM1035**

**Message:** Media is present for Removable Flash Media.

**Detailed Description:** None

**Recommended Response Action:** No response action is required.

**Category:** System Health (RFM = FlexAddress SD)

**Severity:** Severity 3 (Informational)
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RRDU Event Messages

RRDU0001

Message: Internal Dual SD Module is redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2491
OMSA Event ID: 5304
OMSA Trap ID: 5304

Filter Visibility
| iDRAC | ✔ | ✔* | ✔ | ✔ | ✔ | ✔ |
| CMC   |   |    |   |   |   |   |

LCD Message: Internal Dual SD Module redundancy lost. Check SD cards

RRDU0002

Message: Internal Dual SD Module redundancy is lost.
Detailed Description: Either one of the SD card or both the SD cards are not functioning properly.
Recommended Response Action: Replace the failed SD card.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 1 (Critical)
Trap/EventID: 2489
LCD Message: Internal Dual SD Module redundancy lost. Check SD cards

Filter Visibility
| iDRAC | ✔ | ✔ | ✔ |
| CMC   |   |   |   |

LCD Message: Internal Dual SD Module redundancy lost. Check SD cards
## RRDU0003

**Message**
Internal Dual SD Module redundancy is degraded.

**Detailed Description**
Either one of the SD card or both the SD cards are not functioning properly.

**Recommended Response**
Replace the failed SD card.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2490

**OMSA Event ID**
5305

**OMSA Trap ID**
5305

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## RRDU0004

**Message**
Internal Dual SD Module is not redundant.
Detailed Description
None

Recommended Response Action
Install additional SD card and configure for redundancy if redundancy is desired.

Category
System Health (RRDU = IDSDM Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2491

Filter Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔ ✔
CMC ✔ ✔

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC

RRDU0005

Message
Internal Dual SD Module is not redundant. Insufficient resources to maintain normal operations.

Detailed Description
The current operating configuration cannot maintain redundancy. The unit may operate in a degraded state.

Recommended Response Action
Review product documentation and SD card configuration.

Category
System Health (RRDU = IDSDM Redundancy)

Severity
Severity 1 (Critical)

LCD Message
Internal Dual SD Module is not redundant. Insufficient resources. Check SD Cards

Filter Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔
CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔ ✔
CMC

1578
**RRDU0006**

**Message**  
Internal Dual SD Module rebuild initiated.

**Detailed Description**  
Internal Dual SD Module rebuild initiated.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (RRDU = IDSDM Redundancy)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2491

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</table>

**RRDU0007**

**Message**  
Internal Dual SD Module rebuild completed successfully.

**Detailed Description**  
Internal Dual SD Module rebuild completed successfully.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (RRDU = IDSDM Redundancy)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2491

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</table>
RRDU0008

Message: Internal Dual SD Module rebuild did not complete successfully.

Detailed Description: Internal Dual SD Module rebuild failed because read/write to one of the SD cards failed.

Recommended Response Action: Replace the failed SD card and retry rebuild.

Category: System Health (RRDU = IDSDM Redundancy)

Severity: Severity 1 (Critical)

Trap/EventID: 2489

LCD Message: Internal Dual SD Module rebuild failed. Replace failed SD card.

RRDU0010

Message: Internal SD Module redundancy is disabled.

Detailed Description: Redundancy is not currently enabled for the Internal SD Module.

Recommended Response Action: No response action is required.

Category: System Health (RRDU = IDSDM Redundancy)

Severity: Severity 3 (Informational)

OMSA Event ID: 5302
Unable to determine the redundancy status of the Internal SD Module.

This occurs because of one of the following reasons: 1) Either one of the SD card or both the SD cards have failed. 2) The Internal SD Module has failed.

Replace the failed SD card with a new SD card, or replace the Internal SD Module. For more information, contact your service provider.
RSI Event Messages

RSI0001

Message: The Lifecycle Controller Remote Services is available.
Detailed Description: The Lifecycle Controller Remote Services instrumentation is available.
Recommended Response Action: No response action is required.
Category: Configuration (RSI = Remote Service)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

RSI0002

Message: The remote service is currently not available
Detailed Description: The Remote Service database is currently not available.
Recommended Response Action: Retry request later.
Category: Configuration (RSI = Remote Service)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

RSI0003

Message: The remote service is reloading data
Detailed Description: The Remote Service database is being updated.
Recommended Response Action: Retry request later.
Category: Configuration (RSI = Remote Service)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The remote service is unavailable</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Remote Service database is unavailable.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Reset Integrated Remote Access Controller (iDRAC).</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RSI = Remote Service)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
SEC Event Messages

SEC0000

Message  The chassis is open.
Detailed Description  The chassis is open. System performance may be degraded, and security may be compromised.
Recommended Response Action  Close the chassis. Check system logs.
Category  System Health (SEC = Security Event)
Severity  Severity 1 (Critical)
Trap/EventID  2385
LCD Message  Intrusion detected. Check chassis cover
OMSA Event ID  5254
OMSA Trap ID  5254

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</tbody>
</table>

SEC0001

Message  The drive bay is open.
Detailed Description  The drive bay is open. A drive may be added or removed. System performance may be degraded.
Recommended Response Action  Close the drive bay. Check system logs.
Category  System Health (SEC = Security Event)
Severity  Severity 1 (Critical)
SEC0002

Message
The I/O card area is open.

Detailed Description
The I/O card area is open. I/O cards may be added or removed. System performance may be degraded.

Recommended Response
Close the I/O card area. Check system logs.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

SEC0003

Message
The processor area is open.

Detailed Description
The processor area is open. A drive may be added or removed. System performance may be degraded.

Recommended Response
Close the processor area. Check system logs.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)
SEC0004

Message
The LAN is disconnected.

Detailed Description
The LAN is disconnected. Network performance may be degraded.

Recommended Response
If unintentional, connect network cable.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

SEC0005

Message
Unauthorized docking is detected.

Detailed Description
A removable component may have been tampered with, or installed incorrectly, or does not meet system requirements.

Recommended Response
Check removable hardware components for correct installation. Review installation documentation.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)
**SEC0006**

**Message**
The fan area is open.

**Detailed Description**
The fan area is open. System performance may be degraded.

**Recommended Response Action**
Close the fan area. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

---

**SEC0016**

**Message**
The chassis is closed.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)
SEC0017

Message: The drive bay is closed.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)

SEC0018

Message: The I/O card area is closed.
Detailed Description: None
**Recommended Response Action**

No response action is required.

**Category**

System Health (SEC = Security Event)

**Severity**

Severity 3 (Informational)

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**SEC0019**

**Message**

The processor area is closed.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (SEC = Security Event)

**Severity**

Severity 3 (Informational)

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**SEC0020**

**Message**

The LAN is connected.
**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

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### LC Log

| **iDRAC**         | ✔          | ✔          | ✔          | ✔                | ✔            |
| **CMC**           | ✔          | ✔          |            |                  |              |

**SEC0021**

**Message**
The docking is authorized.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

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### LC Log

| **iDRAC**         | ✔          | ✔          | ✔          | ✔                | ✔            |
| **CMC**           | ✔          | ✔          |            |                  |              |
SEC0022

Message: The fan area is closed.

Detailed Description: None

Recommended Response: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔
CMC

SEC0031

Message: The chassis is open while the power is on.

Detailed Description: The chassis is open. System performance may be degraded, and security may be compromised.

Recommended Response: Close the chassis. Check system logs.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2385

LCD Message: Intrusion detected. Check chassis cover

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC ✔ ✔*
CMC ✔ ✔ ✔ ✔ ✔

1591
**SEC0032**

**Message**
The chassis is closed while the power is on.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2387

**SEC0033**

**Message**
The chassis is open while the power is off.

**Detailed Description**
The chassis is open while the power is off. System security may have been comprised.

**Recommended Response Action**
Close the chassis and verify hardware inventory. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

** Trap/EventID**
2385

**LCD Message**
Intrusion detected. Check chassis cover
SEC0034

Message: The chassis is closed while the power is off.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2387

SEC0040

Message: A critical stop occurred during OS load.
Detailed Description: Operating system generated critical stop IPMI event. (Sensor type code = 20H)
Recommended Response Action: Check video and operating system logs for additional information
Category: System Health (SEC = Security Event)
SEC0041

Message
BIOS is unable to configure the Intel Trusted Execution Technology (TXT).

Detailed Description
TXT initialization cannot be completed because system configuration may have changed.

Recommended Response
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
Unable to configure TXT. Reconfigure TPM and TXT in BIOS.

SEC0042

Message
Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation.
Detailed Description: TXT CPU microcode boot cannot be completed because system configuration may have changed.

Recommended Response: Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2385

LCD Message: Problem with TXT operation. Reconfigure TPM and TXT in BIOS.

<table>
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<th>Filter Visibility</th>
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**SEC0043**

Message: BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST.

Detailed Description: TXT POST cannot be completed because system configuration may have changed.

Recommended Response: Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Security Event)

Trap/EventID: 2385

LCD Message: TXT problem during POST. Reconfigure TPM and TXT in BIOS.

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SEC0044

Message       SINIT Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem at boot.
Detailed Description       TXT initialization cannot be completed because system configuration may have changed.
Recommended Response Action       Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.
Category       System Health (SEC = Security Event)
Severity       Severity 1 (Critical)
Trap/EventID   2385
LCD Message   TXT problem at boot. Reconfigure TPM and TXT in BIOS.

SEC0045

Message       Intel Trusted Execution Technology (TXT) is operating correctly.
Detailed Description       None
Recommended Response Action       No response action is required.
Category       System Health (SEC = Security Event)
Severity       Severity 3 (Informational)
Trap/EventID   2387
SEC0051

Message: Unable to determine the redundancy status of the chassis intrusion sensor.

Detailed Description: The chassis may be open. This condition can lead to degraded system performance because of insufficient cooling and the system security may be compromised.

Recommended Response Action: Close the chassis.

Category: System Health (SEC = Security Event)

Severity: Severity 2 (Warning)

OMSA Event ID: 5251

SEC0052

Message: Chassis intrusion sensor may have failed.

Detailed Description: The chassis intrusion sensor may have failed, because of this it cannot be determined whether the chassis is closed or opened. This condition can lead to degraded system performance because of insufficient cooling. The system security may be compromised.
Recommended Response Action
Replace the chassis intrusion sensor. For more information, contact your service provider.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✓ | | | ✓ | ✓
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC
CMC

SEC0100

Message
The arg1 in slot arg2 is open.

Arguments
arg1 = module name, arg2 = slot number

Detailed Description
The Storage disk tray identified in the message is open. The tray should be closed as soon as any service action is completed. Leaving the tray open for an extended period may result in drives over heating.

Recommended Response Action
Close the Storage disk tray identified in the message.

Category
Storage (SEC = Security Event)

Severity
Severity 2 (Warning)

Trap/EventID
4434

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✓ | ✓* | ✓* | ✓* | ✓
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC
CMC

1598
SEC0101

Message
The arg1 in slot arg2 is opened for more than 3 minutes.

Arguments
arg1 = module name, arg2 = slot number

Detailed Description
The Storage disk tray in the slot identified in the message has been open for an extended period of time. The tray should be closed as soon as any service action is completed. Leaving it open for extended period may result in drives overheating.

Recommended Response Action
Close the Storage disk tray as it may affect the system performance or may cause hard drives to overheat. Check system logs.

Category
Storage (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
4433

SEC0102

Message
The arg1 in slot arg2 is closed.

Arguments
arg1 = module name, arg2 = slot number

Detailed Description
The module or Storage tray identified in the message is closed.

Recommended Response Action
No response action is required.

Category
Storage (SEC = Security Event)

Severity
Severity 3 (Informational)

Trap/EventID
4435
### SEC0600

**Message**
A secure mode violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.

**Recommended Response**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

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### SEC0601

**Message**
A secure mode violation was corrected.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)
SEC0602

Message: User password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 2 (Warning)

SEC0603

Message: User password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
SEC0604

Message: A setup password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)

SEC0605

Message: A setup password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
SEC0606

Message: The network boot password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 2 (Warning)

SEC0607

Message: The network boot password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
SEC0608

Message: A password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 2 (Warning)

SEC0609

Message: A password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
SEC0610

**Message**
An Out-of-band password violation detected.

**Detailed Description**
This may apply to a remote access attempt.

**Recommended Response**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

SEC0611

**Message**
An Out-of-band password violation was corrected.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)
SEC0612

**Message**
The default username and password is currently in use. It is recommended to immediately change the default credentials.

**Detailed Description**
The default username and password is currently in use and unauthorized access to the iDRAC may occur because the default values are widely known. This is a severe security risk.

**Recommended Response**
To change the credentials using RACADM command, run the following at the command line interface (CLI): "racadm set iDRAC.Users.<index>.Password <new password string>". Alternately, to disable the default credential in use message, run "racadm config -g cfgractuning -o cfgRacTuneDefCredentialWarningEnable 0".

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2386

---

SEC0613

**Message**
The default username and password is changed.

**Detailed Description**
The default username and password is changed.
**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

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**SEC0700**

**Message**
Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC.

**Detailed Description**
If the property name is configured without changing the default password, iDRAC may be accessible on the Internet. This causes a severe security risk for iDRAC.

**Recommended Response Action**
To change the password, run the following racadm command: racadm set iDRAC.Users.<index>.Password <new password string>. Alternatively, to avoid this warning message, run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable.

**Category**
Configuration (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10578

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**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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**iDRAC** | ✔ | ✔ | | | ✔
**CMC** | | | | | |

**LC Log** | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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**iDRAC** | ✔* | | | | | ✔
**CMC** | | | | | | |

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**LC Log** | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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**iDRAC** | ✔ | | | | | ✔
**CMC** | | | | | | |

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SEC0701

<table>
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<tr>
<th>Message</th>
<th>Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>This warning message is displayed when using the default username and password (root and calvin). Using the default password causes a severe security risk for iDRAC.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>To change the password, run the following racadm commands: racadm set iDRAC.Users.&lt;index&gt;.Password &lt;new password string&gt;. Alternatively, to avoid this warning message run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable</td>
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SEL Event Messages

SEL0002

Message  Logging is disabled.
Detailed Description  This message appears when event logging of a specific type is disabled by the user. (IPMI sensor type code 10h - offset 01h)
Recommended Response Action  If unintended, re-enable logging.
Category  System Health (SEL = Sys Event Log)
Severity  Severity 1 (Critical)
Trap/EventID  2377

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SEL0003

Message  Logging is enabled.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (SEL = Sys Event Log)
Severity  Severity 3 (Informational)
Trap/EventID  2379

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</table>
## SEL0004

**Message**  
Log cleared.

**Detailed Description**  
None

**Recommended Response**  
No response action is required.

**Category**  
System Health (SEL = Sys Event Log)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2379

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</table>

## SEL0006

**Message**  
All event logging is disabled.

**Detailed Description**  
This message appears when all event logging has been disabled by the user. (IPMI sensor type code 10h - offset 03h)

**Recommended Response**  
If unintended, re-enable logging.

**Category**  
System Health (SEL = Sys Event Log)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2377
SEL0007

Message: All event logging is enabled.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Trap/EventID: 2379

SEL0008

Message: System event log (SEL) is full.
Detailed Description: When the event log is full, additional events are not written to the log; or older events will be overwritten and lost. This message may also appear if the user disabled event logging. (IPMI sensor type code 10h - offset 04h)
Recommended Response Action: Backup and clear log.
**SEL0010**

**Message**
System event log (SEL) is almost full.

**Detailed Description**
When the event log is full, additional events are not written to the log or older events will be overwritten and lost. (IPMI sensor type code 10h - offset 05h)

**Recommended Response**
Backup and clear log at the next maintained time.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

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**SEL0012**

**Message**
Could not create or initialize the system event log.
### Detailed Description
If the system event log failed to initialize platform status and failure events are not captured. Some management software will not report platform exceptions.

### Recommended Response
Reboot the management controller or iDRAC. Cycle system input power. If problem persists call support.

### Category
System Health (SEL = Sys Event Log)

### Severity
Severity 1 (Critical)

### Trap/EventID
2377

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### SEL0013

**Message**
The system event log was created or initialized successfully.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

### Trap/EventID
2379

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SEL0014

**Message**
The System Event Log (SEL) was cleared by arg1 from arg2.

**Arguments**
arg1 = username, arg2 = IP address

**Detailed Description**
The System Event Log (SEL) was cleared by the username identified in the message from the IP address identified in the message.

**Recommended Response**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

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SEL1200

**Message**
The system was reconfigured.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

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</table>
## SEL1202

**Message**: OEM system boot.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 3 (Informational)

### Filter Visibility

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## SEL1204

**Message**: An unknown system hardware failure detected.

**Detailed Description**: The operating system or BIOS detected an unknown event. (IPMI sensor type code 12h - offset 02h)

**Recommended Response Action**: Reduce system to minimum supported configuration. If issues persists, contact support.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2377

**LCD Message**: Unknown system hardware failure. Contact support
The unknown system hardware failure was corrected.

No response action is required.

System Health (SEL = Sys Event Log)

Severity 3 (Informational)

2379

An entry was added to auxiliary log.

No response action is required.

System Health (SEL = Sys Event Log)
SEL1207

Message: An entry was removed from auxiliary log.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)

SEL1208

Message: A platform event filter action was executed.
Detailed Description: None
Recommended Response Action: No response action is required.
### Category
System Health (SEL = Sys Event Log)

### Severity
Severity 3 (Informational)

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### SEL1209

**Message**
The platform event filter action failed.

**Detailed Description**
System policies or permissions may prevent the action from executing. If configured, the system will not execute the action on a platform event (power down, cycle, interrupt, send alert).

**Recommended Response Action**
Review platform event configuration.

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### SEL1210

**Message**
The time-stamp clock is synchronized.

**Detailed Description**
None

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**SEL1211**

**Message**
The time-stamp clock could not be synchronized.

**Detailed Description**
The time stamp on system event log events may not correlate to the system time.
(IPMI sensor type code 12h - offset 05h)

**Recommended Response Action**
Cycle system input power, if problem persists call support.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

---

**SEL1300**

**Message**
No bootable media found.
Detailed Description
System setup displays the system boot order. The local video screen may also show additional information. (IPMI sensor type code 1eh - offset 00h)

Recommended Response
Check system boot settings. Check mass storage controller configuration settings is applicable.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

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**SEL1301**

Message
Bootable media found.

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 3 (Informational)

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SEL1302

**Message**
Non-bootable diskette detected.

**Detailed Description**
The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 01h)

**Recommended Response**
Replace diskette with bootable disk.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

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SEL1303

**Message**
Bootable diskette detected.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

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SEL1304

Message: The PXE server not found.
Detailed Description: PXE is one way to boot a system from the network. (IPMI sensor type code 1eh - offset 02h)
Recommended Response Action: Check network and PXE server configuration.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 1 (Critical)

SEL1305

Message: The PXE server found.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
## SEL1306

**Message**: Invalid boot sector found.

**Detailed Description**: The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 03h).

**Recommended Response Action**: Replace diskette with bootable disk.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 1 (Critical)

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## SEL1307

**Message**: Boot sector found.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 3 (Informational)

**Filter Visibility**

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SEL1308

**Message**
A time-out occurred while waiting for user to select a boot source.

**Detailed Description**
The system has failed to boot to an operating system and needs the user to select a boot source. (IPMI sensor type code 1eh - offset 04h)

**Recommended Response Action**
Select boot source within the time allowed.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

---

SEL1309

**Message**
User selected a boot source.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)
### SEL1400

**Message**
The platform generated a page alert.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

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### SEL1402

**Message**
The platform generated a LAN alert.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

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SEL1404

Message
A platform event trap (PET) was generated.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 3 (Informational)

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SEL1406

Message
The platform generated a SNMP trap.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 3 (Informational)
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### SEL1500

**Message**
The chassis management controller (CMC) is redundant.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

### SEL1501

**Message**
Chassis management controller (CMC) redundancy is lost.

**Detailed Description**
An action or failure has taken place that breaks CMC redundancy. This includes loss of network connection, hardware failures, firmware update, firmware mismatch between CMCs, CMC reset, and unplugging a CMC.

**Recommended Response Action**
Check CMC network cables and network connections. Check that CMC firmware versions match.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377
SEL1502

**Message**
Chassis management controller (CMC) redundancy is degraded.

**Detailed Description**
An action or failure has taken place that degrades CMC redundancy. This includes firmware mismatch between CMCs and a CMC missing SD card.

**Recommended Response**
Chassis management controller (CMC) redundancy is degraded.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

---

**SEL1503**

**Message**
The chassis management controller (CMC) is not redundant.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)
SEL1504

Message
The chassis management controller (CMC) is not redundant. Insufficient resources to maintain normal operations.

Detailed Description
There is not enough available power for two CMCs to operate.

Recommended Response Action
Check overall power consumption and power status.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

Trap/EventID
2377

SEL1506

Message
Lost communications with Chassis Group Member \arg_1\.

Arguments
\arg_1 = number
The primary CMC has lost communication with the indicated member CMC. Check network cable and network connections.

**Message**

Communications restored with Chassis Group Member arg1.

**Arguments**

arg1 = number

**Recommended Response Action**

No response action is required.
SEL1508

Message
Member \textit{arg1} could not join the Chassis Group.

Arguments
\textit{arg1} = \text{number}

Detailed Description
The indicated member may be a member of another chassis group or may be incompatible with membership.

Recommended Response
1) Check that the Name or IP address, User Name, and Password of the member are correct. 2) Check that the member is not a leader or member of another group. 3) Check that the member can be reached by the leader.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 2 (Warning)

Trap/EventID
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SEL1509

Message
Member \textit{arg1} has joined the Chassis Group.

Arguments
\textit{arg1} = \text{number}

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 3 (Informational)

Trap/EventID
2379
SEL1510

**Message**
An authentication error detected for Chassis Group Member arg1.

**Arguments**
arg1 = number

**Detailed Description**
Group master CMC could not log into the group member CMC.

**Recommended Response**
Check login credentials of CMC

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

SEL1511

**Message**
Member arg1 removed from the Chassis Group.

**Arguments**
arg1 = number

**Detailed Description**
None
**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

### Filter Visibility

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<th>iDRAC</th>
<th>CMC</th>
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### SEL9900

**Message**
An unsupported event occurred.

**Detailed Description**
The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

**Recommended Response Action**
Upgrade Management Software

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)
SEL9901

Message: OEM software event.

Detailed Description: The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

Recommended Response Action: See product documentation for additional information.

Category: System Health (SEL = Sys Event Log)

Severity: Severity 3 (Informational)

<table>
<thead>
<tr>
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<th>IPMI Alert</th>
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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SEL9902

Message: System software event.

Detailed Description: Software on the system has logged an event that cannot be determined. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.

Recommended Response Action: No response action is required.

Category: System Health (SEL = Sys Event Log)

Severity: Severity 3 (Informational)

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</table>
SSD Event Messages

SSD1001

Message
Write-cache on arg1 is enabled.

Arguments
arg1 = PCIe SSD name

Detailed Description
Write-cache is enabled on the PCIe solid state drive (SSD) identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 2 (Warning)

OMSA Event ID
2427

OMSA Trap ID
90300

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

SSD1002

Message
Write-cache on arg1 is disabled.

Arguments
arg1 = PCIe SSD name

Detailed Description
Write-cache is disabled on the PCIe solid state drive (SSD) identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 2 (Warning)

OMSA Event ID
2428

1636
OMSA Trap ID 90300

<table>
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SSD1003

Message arg1 is ready for removal.
Arguments arg1 = PCIe SSD name
Detailed Description The PCIe solid state drive (SSD) identified in the message is ready for removal.
Recommended Response No response action is required.
Category Storage (SSD = PCIe SSD)
Severity Severity 3 (Informational)
OMSA Event ID 2429
OMSA Trap ID 90100

<table>
<thead>
<tr>
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SSD1004

Message Exported the arg1 log file.
Arguments arg1 = PCIe SSD name
The log file of the PCIe solid state drive (SSD) identified in the message is successfully exported.

No response action is required.

Storage (SSD = PCIe SSD)

Severity 3 (Informational)

OMSA Event ID 2430

OMSA Trap ID 90100

Successfully initialized arg1.

arg1 = PCIe SSD name

The initialization of the PCIe solid state drive (SSD) identified in the message is complete.

No response action is required.

Storage (SSD = PCIe SSD)

Severity 3 (Informational)

OMSA Event ID 2431

OMSA Trap ID 90100

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SSD1005
SSD1006

Message
The arg1 has reached arg2 of warranted device wear-out limit.

Arguments
arg1 = PCIe solid state device name, arg2 = percent

Detailed Description
The PCIe solid state device identified in the message is approaching the warranted wear-out limit.

Recommended Response Action
No response action is required.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 3 (Informational)

OMSA Event ID
2433

OMSA Trap ID
90100

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC

SSD1007

Message
The arg1 has reached or exceeded its warranted wear-out limit.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message has either reached or exceeded the warranted wear-out limit.

Recommended Response Action
Back up the data on the device, and contact your service provider for further instructions.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 2 (Warning)
OMSA Event ID 2434
OMSA Trap ID 90300

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SSD1008

Message
The arg1 is approaching read-only mode.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

Recommended Response Action
No response action is required.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 3 (Informational)

OMSA Event ID 2435
OMSA Trap ID 90100

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SSD1009

Message
The arg1 is in read-only mode.
Arguments  
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in read-only mode.

Recommended Response
Back up the data on the device, and contact your service provider for further instructions.

Category  Storage (SSD = PCIe SSD)
Severity  Severity 1 (Critical)
OMSA Event ID  2436
OMSA Trap ID  90400

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SSD1010

Message  The arg1 is in a security locked state.

Arguments  
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in a locked state, because an existing initialization task was interrupted due to a power failure or disk removal.

Recommended Response
Run Full Initialize operation on the device identified in the message.

Category  Storage (SSD = PCIe SSD)
Severity  Severity 2 (Warning)
OMSA Event ID  2432
OMSA Trap ID  90200

<table>
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</table>
STOR Event Messages

STOR001

| Message | The command is successfully run. |
| Detailed Description | The command is successfully run. |
| Recommended Response Action | No response action is required. |
| Category | Configuration (STOR = Storage) |
| Severity | Severity 3 (Informational) |

No alerts are applicable for this message

STOR003

| Message | Missing parameter. |
| Detailed Description | Required parameter is missing. |
| Recommended Response Action | Refer to the RAID profile to determine required parameters. |
| Category | Configuration (STOR = Storage) |
| Severity | Severity 2 (Warning) |

No alerts are applicable for this message

STOR004

| Message | Invalid parameter value. |
| Detailed Description | Provided parameter value is not valid. |
| Recommended Response Action | Refer to the RAID profile to determine the valid parameters values. |
| Category | Configuration (STOR = Storage) |
| Severity | Severity 2 (Warning) |

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to complete the operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation could not be completed because of an issue with the management controller (either the iDRAC or the Chassis Management Controller (CMC)) that is managing the storage.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to allocate resources.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation could not be completed because of insufficient memory space on the management controller (either the iDRAC or the Chassis Management Controller (CMC)) managing the storage.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
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</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Physical disk FQDD did not identify a valid physical disk for the operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Physical disk did not identify valid physical disk for the operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Provide compatible physical disk with the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### STOR010

**Message**  
RAID level not supported on controller.

**Detailed Description**  
The operation cannot be completed because the RAID level entered is not supported by the controller.

**Recommended Response**  
Enter a valid RAID level and retry the operation.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### STOR0101

**Message**  
No RAID controller is displayed.

**Detailed Description**  
No RAID controller data to display. The system is powered off, no RAID controller is present in the system, or the RAID controller is not connected to the system.

**Recommended Response**  
Check if the server has power, RAID controller is available, and that a RAID controller is connected to the system.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### STOR0102

**Message**  
No batteries are displayed.

**Detailed Description**  
No battery data to display. The system is powered off, batteries are not present on the system, batteries are not connected to the RAID controller, or the batteries are depleted.

**Recommended Response**  
Check if the server has power, batteries are available, and batteries are connected to the RAID controller.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
STOR0103
Message: No physical disks are displayed.
Detailed Description: No physical disk data to display. The system is powered off, physical disks are not present on the system, or physical disks are not connected to the enclosure or backplane.
Recommended Response Action: Check if the server has power, physical disks are available, and physical disks are connected to the enclosure or backplane.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

STOR0104
Message: No virtual disks are displayed.
Detailed Description: No virtual disk data to display. The system is powered off, physical disks are not present on the system, or virtual disks are not created.
Recommended Response Action: Check if the server has power, physical disks are available, and virtual disks are created.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

STOR0105
Message: No enclosures are displayed.
Detailed Description: No enclosure data to display. The system is powered off, enclosures are not present on the system, or enclosures are not connected to the RAID controllers.
Recommended Response Action: Check if the server has power, enclosures are available, and enclosures are connected to the RAID controllers.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
**STOR0106**

**Message**
Fans are not connected to enclosures or data about fans is unavailable.

**Detailed Description**
No fan data to display. The system is powered off, no fan enclosures are present in the system, or the fans are not connected to the enclosures.

**Recommended Response**
Check if the server has power, enclosure fan is available, and fan is connected to the enclosure.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**STOR0107**

**Message**
EMMs are not connected to enclosures or data about EMMs is unavailable.

**Detailed Description**
No EMMs data to display. The system is powered off, no enclosure EMMs are present, or the EMMs are not connected to the enclosures.

**Recommended Response**
Check if the server has power, EMMs are available, and EMMs are connected to the enclosure.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**STOR0108**

**Message**
Temperature probes are not connected to enclosures or data about temperature is unavailable.

**Detailed Description**
No temperature data to display. The system is powered off, no enclosure temperature probes are present in the system, or the temperature probes are not connected to the enclosures.

**Recommended Response**
Check if the server has power, enclosure temperature probe is available, and temperature probe is connected to the enclosure.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
STOR0109

Message   Power supply unit is not connected to the enclosure or data about power supply unit is unavailable.
Detailed Description   No power supply unit data to display. The system is powered off, no power supply unit is present in the system, or the power supply unit is not connected to the enclosure.
Recommended Response   Check if the server has power, enclosure power supply unit is available, and power supply unit is connected to the enclosure.
Category   Storage (STOR = Storage)
Severity   Severity 2 (Warning)

No alerts are applicable for this message

STOR011

Message   Stripe size not supported on controller.
Detailed Description   The operation cannot be completed because the stripe size entered is not supported by the controller.
Recommended Response   Enter a valid stripe size and retry the operation.
Category   Configuration (STOR = Storage)
Severity   Severity 2 (Warning)

No alerts are applicable for this message

STOR0110

Message   Invalid Fully Qualified Device Descriptor (FQDD).
Detailed Description   The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.
Recommended Response   Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the raid subcommand can be obtained by running "racadm help raid") or documentation for valid FQDD system component names.
Category   Storage (STOR = Storage)
Severity   Severity 3 (Informational)

No alerts are applicable for this message
### STOR0111

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid reference key.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The specified reference key is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Verify that the correct reference key is specified. See the help text or documentation for valid reference keys.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### STOR012

<table>
<thead>
<tr>
<th>Message</th>
<th>Provided Physical disk not valid for this operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>One or more of the specified physical disks cannot be used for the operation requested. Physical disk protocol and media type, along with other physical disk characteristics like Secure Encryption and T10 protection, need to match the requirements of the requested operation.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Make sure the specified physical disk has the appropriate protocol and media type for the requested operation. Specify a different physical disk with a state appropriate for the requested operation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### STOR013

<table>
<thead>
<tr>
<th>Message</th>
<th>One or more storage device(s) are not in a state where the operation can be completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>One or more storage device(s) are in a state that prevents the operation from completing.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Make sure the specified storage devices are in a state appropriate for the requested operation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
STOR015
Message: Maximum virtual disks allowed for this controller has been reached.
Detailed Description: A new virtual disk cannot be created because the maximum number of virtual disks are already created.
Recommended Response: A new virtual disk cannot be created until one is deleted.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

STOR016
Message: The physical disk specified is not large enough to be a hot spare for this virtual disk.
Detailed Description: The physical disk drive cannot be assigned as the hot-spare of this virtual disk because the capacity of the physical disk is not sufficient.
Recommended Response: Specify a physical disk with a larger capacity or replace the specified physical disk with one with more capacity, and then retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

STOR017
Message: The specified Virtual Disk is not valid for the operation.
Detailed Description: The virtual disk specified is not compatible with the requested operation or a specified operation parameter is not appropriate for the virtual disk type specified.
Recommended Response: Make sure the operation parameters are appropriate for the virtual disk type.
Specify a compatible virtual disk for the requested operation and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
**STOR018**

**Message**
No foreign drives detected.

**Detailed Description**
This operation did not detect any foreign drives. This may be because no foreign drives are present or the only foreign drives are in a secured state.

**Recommended Response**
If the only foreign drives present are in a secured state, run a secure erase operation on the drives and retry the operation. Otherwise the operation was not successful because there are no foreign drives.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**STOR019**

**Message**
The specified passphrase is not valid.

**Detailed Description**
The passphrase specified does not follow the passphrase character criteria of the controller character.

**Recommended Response**
Enter a passphrase that meets the passphrase character criteria of the controller, and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**STOR020**

**Message**
A controller key is already present.

**Detailed Description**
The controller key cannot be set because a key is already present.

**Recommended Response**
Delete the current key and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
STOR0200

Message  Array Manager is installed on the system.
Detailed Description  Installing Storage Services and Array Manager on the same system is not a supported configuration. Storage Services is not installed on a system where Array Manager is installed.
Recommended Response Action  Uninstall either Storage Services or Array Manager and retry the operation.
Category  Storage (STOR = Storage)
Severity  Severity 2 (Warning)
OMSA Event ID  2135
OMSA Trap ID  10300

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

STOR0201

Message  Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware.
Detailed Description  Unable to determine whether the system has the minimum required versions of the RAID controller drivers.
Recommended Response Action  See the Readme file on the installation media for driver and firmware requirements. If Storage Services experiences performance problems, make sure that minimum supported versions of the drivers and firmware are installed. For a list of correct driver and firmware versions, contact the service provider.
Category  Storage (STOR = Storage)
Severity  Severity 3 (Informational)
OMSA Event ID  2164
OMSA Trap ID  10100
The configuration file (Path: arg1) that contains firmware and driver information for arg2 is not updated or is incorrectly formatted to complete the comparison.

Arguments
arg1 = file path, arg2 = controller name

Detailed Description
Storage Services is unable to determine whether the system has the minimum required versions of the RAID controller firmware and drivers because a configuration file is not readable, corrupted, or has missing data.

Recommended Response
Reinstall Server Administrator and Storage Services.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

OMSA Event ID
2166

OMSA Trap ID
75300

The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions.
Detailed Description

The version of the operating system kernel and the driver do not meet the minimum requirements. Storage Services may not be able to display or perform storage management functions until the system meets the minimum requirements.

Recommended Response

See the Readme file on the installation media for operating system kernel and driver version requirements. Update the system to meet the minimum requirements and then reinstall Storage Services.

Category

Storage (STOR = Storage)

Severity

Severity 2 (Warning)

OMSA Event ID

2167

OMSA Trap ID

10300

Filter Visibility

IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

iDRAC ✔  ✔  ✔  ✔

CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC ✔

CMC

STOR0204

Message

The non-RAID SCSI driver version is older than the minimum required version.

Detailed Description

The driver version does not meet the minimum requirements and Storage Services cannot perform the required operations until the minimum requirements are met.

Recommended Response

See the Readme file for the driver requirements and update the system to meet the minimum requirements and reinstall Storage Services.

Category

Storage (STOR = Storage)

Severity

Severity 2 (Warning)

OMSA Event ID

2168

OMSA Trap ID

10300

Filter Visibility

IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

iDRAC ✔  ✔  ✔  ✔

CMC
STOR0205

Message: Global rescan initiated for all storage components in the system.

Detailed Description: A rescan of all storage components in the system is initiated.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2261

OMSA Trap ID: 75100

Filter Visibility

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STOR0206

Message: Smart thermal shutdown feature is enabled.

Detailed Description: The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is enabled.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2262

OMSA Trap ID: 10100
STOR0207

Message: Smart thermal shutdown feature is disabled.
Detailed Description: The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is disabled.
Recommended Response Action: No response action is required.
Category: Storage (STOR = Storage)
Severity: Severity 3 (Informational)
OMSA Event ID: 2263
OMSA Trap ID: 10100

STOR0208

Message: Protection policy has changed.
Detailed Description: A new protection policy is created or an existing protection policy is modified.
Recommended Response Action: No response action is required.
STOR0209

Message
Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete.

Detailed Description
The initialization sequence of SAS components did not complete during system startup.

Recommended Response
Do the following: 1) Make sure that the supported versions of the SAS drivers and firmware are installed. 2) Reboot the system. If problem persists, reinstall Server Administrator and Storage Services on the managed node to make sure all the required components are installed.

Category Storage (STOR = Storage)
Severity Severity 3 (Informational)
OMSA Event ID 2287
OMSA Trap ID 10100
STOR021

Message: The controller key is not present.

Detailed Description: The virtual disk cannot be secured because a controller key is not present.

Recommended Response: Set an appropriate controller key and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

STOR0210

Message: SCSI sense data (arg1) received from arg2.

Arguments: arg1 = sense info, arg2 = device name

Detailed Description: A SCSI device may have experienced an error that generated sense data after the device recovery.

Recommended Response: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2095

OMSA Trap ID: 75100;85100;90100

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STOR0211

Message: The arg1 has returned to normal state.
Arguments: \( \text{arg1} = \text{device name} \)

Detailed Description: The device identified in the message that was previously in an error state has returned to a normal state. For example, if an enclosure became too hot and subsequently cooled down, or if a degraded virtual disk returns to normal state.

Recommended Response: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2121

OMSA Trap ID: 75200;80200;85200;90200;95200;100200;105200;110200;115200;120100

---

**Message**
The \( \text{arg1} \) has failed.

**Arguments**: \( \text{arg1} = \text{device name} \)

**Detailed Description**: The device (physical disk or an enclosure) identified in the message has failed. The device (physical disk or an enclosure) failure was detected while performing a rescan. However, physical disk failures are also detected during a check consistency operation.

**Recommended Response**: Replace the identified device. A failed device is indicated with a red color "X" status icon. Perform a rescan after replacing the failed device.

**Category**: Storage (STOR = Storage)

**Severity**: Severity 1 (Critical)

**OMSA Event ID**: 2048

**OMSA Trap ID**: 75400;80400;85400;90400;95400;100400;105400;110400;115400;120400
STOR022

Message: The controller is not security capable.
Detailed Description: The specified controller does not have the capability to secure virtual disks.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

STOR023

Message: Unable to perform configuration operations because a configuration job for the device already exists.
Detailed Description: Unable to perform configuration operations because a configuration job for the device already exists.
Recommended Response Action: Wait for the current job for the device to complete or cancel the current job before attempting more configuration operations on the device.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

STOR024

Message: Unable to create a configuration job because a configuration job for the device already exists.
**STOR025**

**Message**
Unable to delete any pending configuration because the configuration job is already scheduled.

**Detailed Description**
The pending configuration cannot be deleted because the configuration job is already scheduled.

**Recommended Response**
Delete the current configuration job for the device to stop pending configuration changes.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**STOR026**

**Message**
A configuration job was not created because there are no pending configuration changes.

**Detailed Description**
A configuration job was not created because there are no pending configuration changes.

**Recommended Response**
No response action is required.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**STOR027**

**Message**
Virtual Disk name is not supported.
Setting the Virtual disk name is not a valid operation on the specified controller.

Do not specify the virtual disk name and retry the operation.

Configuration (STOR = Storage)

Severity 2 (Warning)

No alerts are applicable for this message

STOR028

Virtual disk not found.

The requested operation cannot be completed because the specified virtual disk is not found.

Provide a valid virtual disk FQDD (Fully Qualified Device Descriptor) and retry the operation.

Configuration (STOR = Storage)

Severity 2 (Warning)

No alerts are applicable for this message

STOR029

Physical disk not found.

The requested operation cannot be completed because the specified physical disk is not found.

Provide a valid physical disk FQDD (Fully Qualified Device Descriptor) and retry the operation.

Configuration (STOR = Storage)

Severity 2 (Warning)

No alerts are applicable for this message

STOR030

Controller not found.

The requested operation cannot be completed because the specified controller is not found.
Recommended Response
Provide a valid controller FQDD (Fully Qualified Device Descriptor) and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR031

Message
Lifecycle Controller is not enabled.

Detailed Description
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

Recommended Response
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

STOR032

Message
Lifecycle Controller is currently in use.

Detailed Description
Lifecycle Controller is unable to gain access to internal storage because it is in use by another application or operation.

Recommended Response
Wait for current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Configuration utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
STOR033
Message: Invalid parameter value for Start/Until Time.
Detailed Description: The requested operation cannot be completed because an invalid value is specified for Start/Until Time.
Recommended Response: Enter a valid Start/Until Time and retry the operation. For more information about the Start/Until Time, see the RAID Profile specification.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

STOR034
Message: Invalid parameter value for RebootJobType.
Detailed Description: The requested operation cannot be completed because an invalid value is specified for RebootJobType.
Recommended Response: Enter a valid RebootJobType value and retry the operation. For more information about the RebootJobType parameter, see the RAID Profile specification.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

STOR035
Message: Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.
Detailed Description: Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.
Recommended Response: Check the number and state of storage objects and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
### STOR037

**Message**  
Missing required parameter *arg1*.

**Arguments**  
*arg1* = parameter name

**Detailed Description**  
Unable to complete the requested operation because one or more input parameters identified in the message are not specified.

**Recommended Response**  
Enter all the required parameters and retry the operation.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### STOR038

**Message**  
Invalid parameter value for *arg1*.

**Arguments**  
*arg1* = parameter name

**Detailed Description**  
Unable to complete the requested operation because one or more input parameters identified in the message are not valid.

**Recommended Response**  
Specify a valid value for identified parameter.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### STOR039

**Message**  
Mismatch in AttributeName and AttributeValue count.

**Detailed Description**  
Unable to complete the requested operation because of a mismatch in the number of AttributeName and AttributeValue values specified.

**Recommended Response**  
Specify a valid number of AttributeName and AttributeValue pair values and retry the operation.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid AttributeName arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = attribute name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to complete the requested operation because an invalid AttributeName value is specified.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Specify a valid AttributeName value for the attribute identified in the message and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<td></td>
<td>No alerts are applicable for this message</td>
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</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to complete the requested operation because an invalid value for the attribute identified in the message is specified.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Specify a valid value for the attribute identified in the message and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Unsupported value for AttributeName arg1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = attribute name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to complete the requested operation because the attribute value specified is not supported in the current configuration.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Specify a value for the attribute identified in the message by using one of the possible values currently available for that attribute.</td>
</tr>
<tr>
<td>Action</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>
STOR043

Message
One or more selected physical disk drives are part of virtual disk that is not Secondary RAID Level 0.

Detailed Description
One or more physical disk drives selected for the operation are part of a virtual disk that is not Secondary RAID Level 0.

Recommended Response
This operation is not supported unless the previous virtual disk on the selected physical disk drives are deleted first. To perform the operation, delete any virtual disk on the selected physical disks drives and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

STOR044

Message
All physical disks specified are not part of the same disk group.

Detailed Description
One or more physical disks specified to create virtual disk (VD) is not valid because it is not part of the same disk group.

Recommended Response
Enumerate existing virtual disks to find the physical disks of the same disk group. Specify physical disks that are of the same disk group and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR045

Message
StartingLBA and Size parameters are required to create a virtual disk.

Detailed Description
The specified physical disks have fragmented disk space, therefore StartingLBA and Size parameters are required to be specified in order to create a virtual disk.

Recommended Response
Specify StartingLBA and Size parameters and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
STOR046

**Message**
The specified StartingLBA and Size values combination result in an overlapping virtual disk.

**Detailed Description**
Unable to complete the create virtual disk operation because the StartingLBA and Size value combination results in an overlapping virtual disk.

**Recommended Response**
Refer to the users guide to provide the correct StartingLBA and Size combination values.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

STOR047

**Message**
Unable to change the value of attribute `arg1` because it is ReadOnly.

**Arguments**
`arg1 = attribute`

**Detailed Description**
Unable to change the value of the attribute identified in the message because it is ReadOnly.

**Recommended Response**
No response action is required.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

STOR048

**Message**
Controller is not Dell Key Management capable.

**Detailed Description**
Either the controller or the firmware on the controller does not support the Dell Key Management feature.

**Recommended Response**
No response action is required.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**STOR049**

**Message**
Controller is in Local Key Management mode.

**Detailed Description**
The controller is in Local Key Management mode.

**Recommended Response**
No response action is required.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**STOR050**

**Message**
Controller is in Dell Key Management mode.

**Detailed Description**
The controller is in Local Key Management mode.

**Recommended Response**
No response action is required.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**STOR0501**

**Message**
Unable to configure RAID.

**Detailed Description**
Unable to create a virtual disk due to unknown reasons.

**Recommended Response**
Do one of the following and retry the operation: 1) Exit the RAID Configuration wizard. 2) Update the RAID controller firmware to the latest version. 3) Reboot the system and press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)
Unable to launch RAID Configuration wizard.

No RAID controller is installed on the system.

Install the RAID controller and do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry RAID configuration.

No response action is required.

Existing RAID configuration was successfully erased.
STOR0504

Message: Successfully completed RAID operation.
Detailed Description: The RAID operation was successful.
Recommended Response Action: No response action is required.
Category: Storage (STOR = Storage)
Severity: Severity 3 (Informational)

STOR0505

Message: Unable to delete virtual disks.
Detailed Description: Unable to delete the existing virtual disks for unknown reasons.
Recommended Response Action: Exit the RAID Configuration wizard and retry the operation. If the problem persists do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
STOR0506

Message
Unable to create virtual disk.

Detailed Description
The physical disk is unreadable or the RAID controller is not responding.

Recommended Response
Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, replace the physical disk or update the RAID controller firmware to the latest version, and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

STOR0507

Message
Insufficient physical disk space on selected RAID controller.

Detailed Description
The RAID controller does not have sufficient number of initialized physical disks or adequate disk space to create the requested virtual disk.

Recommended Response
Connect additional physical disks to the RAID controller, initialize the physical disks, and retry the operation. To initialize the physical disks, reboot the system and select Option ROM during system startup.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)
STOR0508

Message
No supported controllers present for RAID configuration.

Detailed Description
Unable to configure RAID as the supported RAID controller is not present.

Recommended Response
Install a supported RAID controller and the required number of physical disks for the RAID configuration, and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

STOR0509

Message
No RAID levels are supported.

Detailed Description
The controller does not have the minimum number of initialized disks to create a virtual disk.

Recommended Response
Connect required number of initialized physical disks to the RAID controller and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)
STOR051

Message
StartingLBA and Size value combination is greater than allowed by the physical disk size.

Detailed Description
The requested operation cannot be completed because the specified StartingLBA and Size value combination is greater than allowed by the physical disk size.

Recommended Response
Specify the Size value only and allow the instrumentation to calculate the StartingLBA value then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR0510

Message
Encryption configuration failed.

Detailed Description
Unable to apply the RAID controller encryption because RAID controller is not responding.

Recommended Response
Retry the operation. If the problem persists, reboot the system or update the RAID controller firmware to the latest version and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)
STOR0511

Message
Unable to change the encryption key.

Detailed Description
Unable to change the encryption key due to an internal error.

Recommended Response
Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

STOR0512

Message
Unable to apply the encryption key.

Detailed Description
Unable to apply the encryption key due to an internal error.

Recommended Response
Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)
### STOR0513

**Message**
Unable to encrypt virtual disks.

**Detailed Description**
Unable to encrypt unsecure virtual disks due to an internal error.

**Recommended Response**
Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

---

### STOR0514

**Message**
Unable to initialize the selected physical disk drive(s).

**Detailed Description**
The physical disk drive(s) cannot be initialized because the selected RAID controller does not support this operation while in non-RAID mode.

**Recommended Response**
Do one of the following: 1) Select a controller that is in RAID mode and retry the operation. 2) Update the controller firmware to the latest version and retry the operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)
<table>
<thead>
<tr>
<th>STOR052</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to create virtual disk, maximum number of created virtual disks per controller or diskgroup has been reached.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Virtual disks cannot be created because the maximum number of logical drives per controller or diskgroup is reached.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the Users Guide of the specific controller available at the support site for information on the number of supported virtual disks allowed.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STOR053</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The controller key is not present. The key must be retrieved from the Dell Key Management Server.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The system could not obtain a controller key from the Dell Key Management Server.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>For more information about obtaining a key, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STOR054</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Controller is not CacheCade capable.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The controller or the firmware on the controller does not support the CacheCade feature.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the specific controller users guide for more information.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (STOR = Storage)</td>
</tr>
</tbody>
</table>
STOR055

Message: BIOS does not support Dell Key Manager capabilities.
Detailed Description: The BIOS on the server is not Dell Key Management capable.
Recommended Response: For more information about key management capabilities, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

STOR056

Message: Physical disk is not security capable.
Detailed Description: Unable to complete the requested operation because the specified physical disk does not support data encryption.
Recommended Response: Specify a physical disk that is security capable and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

STOR057

Message: The specified RAID controller is not currently available for configuration.
Detailed Description: The instrumentation for the specified RAID controller is not in state where the requested operation can be performed because system inventory collection (the CSIOR feature) has not been executed.
Recommended Response: Enable the CSIOR (Collect System Inventory On Restart) feature and restart the server to cause CSIOR execution. Make sure the Remote Services status is Ready and retry the operation. To get the Remote Services status, invoke the GetRSStatus method. For more information about this method, see Lifecycle Controller Remote Services Guide.
Category: Configuration (STOR = Storage)
Severity 3 (Informational)

No alerts are applicable for this message

STOR058

Message
This operation is not supported on this device.

Detailed Description
The operation is not supported on the target device.

Recommended Response
For more information, see Lifecycle Controller-Remote Services documentation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

STOR059

Message
The requested operation is not currently valid because there are no virtual disks on the controller.

Detailed Description
The requested operation cannot be completed because there are no virtual disks (VD) available on the specified controller.

Recommended Response
Create a virtual disk and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

STOR060

Message
Configuration operations are not supported on the specified storage controller.

Detailed Description
The requested operation is not supported on the specified storage controller.

Recommended Response
For more information about supported operations, see the documentation specific for the targeted storage controller.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)
**STOR061**

**Message**
Initializing virtual disk is not supported on the RAID controller.

**Detailed Description**
The initializing virtual disk operation is not supported on the target device.

**Recommended Response**
For more information about supported operations, see the documentation specific for the targeted RAID controller or the Lifecycle Controller Remote Services Quick Start Guide.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

---

**STOR062**

**Message**
One or more physical disks specified are full and cannot be used to create additional virtual disks.

**Detailed Description**
One or more physical disks specified are full and cannot be used to create additional virtual disks.

**Recommended Response**
Make sure all physical disks specified to create a virtual disk have the required amount of free space and retry the operation.

**Category**
Configuration (STOR = Storage)
STOR063

Message
Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode.

Detailed Description
In order to prevent data loss, the system has prevented the assignment of a Virtual Disk to multiple Virtual Adapters because the clustered assignment mode is not enabled.

Recommended Response
Enable clustered assignment mode or unassign the virtual disk from the Virtual Adapter it is currently assigned to and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

STOR064

Message
One or more physical disks specified for creating a virtual disk do not have the same block size.

Detailed Description
Unable to create the requested virtual disk because the physical disks specified did not have the same block size.

Recommended Response
Verify that the physical disks selected for creating the virtual disk have the same block size and retry the operation. The block size can be determined by reviewing the physical disk inventory and checking the BlockSize property for each physical disk.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

STOR065

Message
One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable.

Detailed Description
Unable to create the requested virtual disk because one or more specified physical disk(s) is not T10 Protection Information capable.

Recommended Response
Verify that the physical disks selected for creating a virtual disk are T10 Protection Information capable, and then retry the operation.
STOR066

Message: Controller is not T10 Protection Information capable.
Detailed Description: The requested operation did not succeed because the selected RAID controller is not T10 Protection Information capable.
Recommended Response: Verify that the RAID controller selected for the operation is T10 Protection Information capable, and then retry the operation.

STOR067

Message: Controller does not support uneven span RAID10 virtual disks.
Detailed Description: The operation did not succeed since the selected controller does not support creating uneven span RAID10 virtual disks.
Recommended Response: The selected controller is not capable of creating an uneven span RAID10 virtual disk. Specify the proper span length and span depth combination for creating RAID10 virtual disk on the selected controller, and then retry the operation.

STOR068

Message: Unable to perform the requested RAID configuration because the Lifecycle Controller version on the server does not have the necessary capabilities.
Detailed Description: The requested RAID configuration operation did not succeed because the Lifecycle Controller version on the target server does not have the necessary capabilities.
Recommended Response: Check the Lifecycle Controller version on the target server and update it with the latest version available.
No alerts are applicable for this message

STOR069

**Message**
Unable to run the \texttt{arg1} method, because the number of elements entered for \texttt{VDPropNameArray} and \texttt{VDPropValueArray} is unequal.

**Arguments**
\texttt{arg1 = method name}

**Detailed Description**
The method name identified in the message could not be successfully completed, because the number of elements entered for \texttt{VDPropNameArray} and \texttt{VDPropValueArray} is not equal.

**Recommended Response Action**
Enter equal number of elements (pair value), and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

STOR070

**Message**
Unable to run the WS-MAN method \texttt{arg1}, because an invalid parameter \texttt{arg2} is entered.

**Arguments**
\texttt{arg1 = method name, arg2 = parameter name}

**Detailed Description**
The method name identified in the message could not be successfully completed, because the number of elements entered for \texttt{VDPropNameArray} and \texttt{VDPropValueArray} is not equal.

**Recommended Response Action**
Enter a valid parameter, and then retry the operation. For more information about a valid parameter, refer to the SimpleRAIDProfile document available at Dell Tech Center [http://en.community.dell.com/techcenter/extras/m/white_papers/20263535.aspx](http://en.community.dell.com/techcenter/extras/m/white_papers/20263535.aspx)

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

STOR0701

**Message**
Storage objects are unavailable in the current system configuration.

**Detailed Description**
There are no RAID controllers, physical disks or virtual disks discovered by instrumentation that can be configured.
STOR0702

Message
The value entered for the \texttt{arg1} option is invalid

Arguments
\texttt{arg1} = option name

Detailed Description
The value entered for the option name identified in the message is invalid.

Recommended Response Action
For more information, run the RACADM command "racadm raid help createvd".

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

STOR071

Message
The Span Count is not valid for creating a RAID 10. Valid Span counts are \texttt{arg1}.

Arguments
\texttt{arg1} = valid span counts

Detailed Description
The configuration operation could not be performed because the specified span count is not valid.

Recommended Response Action
Enter a valid span count, and then retry the operation.

Category
Configuration (STOR = Storage)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 2 (Warning)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>No alerts are applicable for this message</em></td>
<td></td>
</tr>
</tbody>
</table>

**STOR072**

**Message**

iDRAC Service Module (ISM) is either not present or not running on the server OS.

**Detailed Description**
The configuration operation could not be performed because it requires iDRAC Service Module (ISM) service to be present and running in the server Operating System.

**Recommended Response**
Make sure the iDRAC Service Module (ISM) service is running on the server Operating System and then retry the operation. Refer to the iDRAC User Guide for installing and starting ISM.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**STOR073**

**Message**
The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

**Detailed Description**
The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

**Recommended Response**
Update the Dell iDRAC Service Module (ISM) to the version that supports the requested operation on the PCIe SSD (NVMe) device.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**STOR074**

**Message**
The requested RAID configuration operation is not allowed because the controller is currently in HBA mode.

**Detailed Description**
The requested RAID configuration operation will not be allowed because the RAID controller is currently in HBA mode.

**Recommended Response**
In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation. For switching to RAID mode using the F2 System Setup utility, go to Device Settings > 'RAID Controller' > Controller Management > Advanced Controller Management > Switch to RAID mode.

**Category**
Configuration (STOR = Storage)
STOR075

Message
The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending.

Detailed Description
The requested operation could not be completed because there is an operation pending to change the enclosure configuration mode (Split or Unified). This operation is exclusive because it involves changing the RAID backplane topology.

Recommended Response
Do one of the following: 1) Create a job to complete the pending enclosure mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR076

Message
Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations.

Detailed Description
The requested operation could not be completed because at least one other pending operation was found on the RAID controller. This operation needs exclusivity because it involves changing RAID backplane topology.

Recommended Response
Do one of the following: 1) Create a job to complete the pending operations, allow the job to complete, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR077

Message
Unable to change Patrol Read State since Patrol Read Mode is not set to Manual.

Detailed Description
A Patrol Read State change operation cannot be performed if the Patrol Read Mode is not set to Manual.

Recommended Response
Change the Patrol Read Mode to Manual before performing a Patrol Read State change operation.
STOR078

**Message**
The requested operation requires a reboot type that does not match the reboot type required for pending operations.

**Detailed Description**
The requested operation cannot be performed because it involves server reboot type which is different than the reboot type of pending operations. Combining operations with different reboot types for the same RAID controller is not supported by iDRAC.

**Recommended Response Action**
Cancel any pending operations on the RAID controller and then retry the operation.

STOR079

**Message**
The device does not support this operation or is in a state that does not allow this operation.

**Detailed Description**
The requested operation cannot be performed because it is either not supported by the device or the device was not in the right state to perform the operation.

**Recommended Response Action**
Make sure the device supports the requested operation. If the operation is supported, then make sure the server is turned on and retry the operation.

STOR081

**Message**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.

**Detailed Description**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (STOR = Storage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

STOR082

<table>
<thead>
<tr>
<th>Message</th>
<th>The operation cannot be stopped or cancelled because the operation is not currently running.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot be stopped or canceled because the operation is not currently running.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Make sure the operation is running before attempting to cancel or stop the operation.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

STOR083

<table>
<thead>
<tr>
<th>Message</th>
<th>The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Specify Physical Disk FQDD IDs of physical disk drive(s) that have a larger disk space, and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

STOR084

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to create the job because another job is currently running.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested job cannot be run because another job is currently running. Two options for running jobs on multiple storage controllers are: 1) Run the jobs on each controller individually. Wait for each job to complete before starting the</td>
</tr>
</tbody>
</table>
configuration and job creation on the next controller. 2) Schedule multiple jobs to run at a later time using the scheduling options.

Recommended Action

Make sure that the currently running job is completed, and then retry the operation. If necessary, recreate the configuration and the job. For information about running jobs on multiple storage controllers, see the iDRAC Online Help or iDRAC Users Guide.

Category Severity

Configuration (STOR = Storage) Severity 1 (Critical)

No alerts are applicable for this message

STOR089

Message

The storage configuration operation is successfully completed and the change is in pending state.

Detailed Description

The storage configuration operation is successfully completed and the change is in pending state.

Recommended Response Action

To apply the configuration operation immediately, create a configuration job using the --realtime option. To create the necessary real-time job, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.

Category Severity

Storage (STOR = Storage) Severity 3 (Informational)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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Filter Visibility LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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STOR090

Message

Unable to create a virtual disk because an invalid combination of span count or number of disks was entered for the RAID level selected.

Detailed Description

Unable to create a virtual disk because an invalid combination of span count or disks passed was entered for the RAID level selected.

Recommended Response Action

Enter a span count value (-sc option) or number of disks (-pdkey option) that is appropriate for the RAID level selected. See the PERC Controller Users Guide for valid span count and number of disks required for a raid level. Retry the operation by running the RACADM storage createvd command with the appropriate options.
STOR092

Message: Unable to run the configuration operation on the controller because foreign configuration import operation is in progress.

Detailed Description: The requested configuration operation cannot be run because a foreign configuration import operation on the controller is already in progress.

Recommended Response: Wait for the import process to complete before running any configuration operation.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)
Recommended Response Action
Make sure an operation is not pending on the controller. If an operation is pending, wait for the operation to complete or cancel the pending operation and then retry the operation. Refer to the storage controller documentation for compatibility information.

Category     Storage (STOR = Storage)
Severity     Severity 3 (Informational)

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**STOR094**

Message     The storage configuration operation is successfully completed and the change is in pending state.
Detailed Description The storage configuration operation is successfully completed and the change is in pending state.
Recommended Response Action To apply the configuration operation immediately, create a configuration job using the --realTime option. To apply the configuration after restarting the server, create a configuration job using the -r option. To create the necessary real-time and restart jobs, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.
Category     Storage (STOR = Storage)
Severity     Severity 3 (Informational)

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STOR095

Message  
Storage operation is successfully completed.

Detailed Description  
Storage operation is successfully completed.

Recommended Response Action  
No response action is required.

Category  
Storage (STOR = Storage)

Severity  
Severity 3 (Informational)

STOR096

Message  
Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

Detailed Description  
A virtual disk cannot be created because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

Recommended Response Action  
Enter a value (the -size option) equal or higher than 100 MB, and then retry the operation.

Category  
Storage (STOR = Storage)

Severity  
Severity 3 (Informational)
STOR097

Message
Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size.

Detailed Description
A virtual disk cannot be created because the memory size of the physical disk drive is less than available or entered virtual disk size.

Recommended Response
Enter the FQDD of a physical disk drive that has a larger disk space, and then retry the operation. To view a list of physical disk drives and associated disk space, run the RACADM command "racadm storage get pdisks -o -p size". To view a list of virtual disks and associated size, run the RACADM command "racadm storage get vdisks -o -p size".

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

STOR099

Message
Unable to find the FQDD arg1 because an invalid FQDD is entered or an operation is pending on the specified FQDD.

Arguments
arg1 = component FQDD

Detailed Description
The FQDD cannot be found because an invalid FQDD is entered or an operation is pending on the FQDD identified in the message.

Recommended Response
Do the following and then retry the operation: 1) Make sure the FQDD entered is valid. 2) Make sure an operation is not pending on the FQDD identified in the message. For more information refer to the RACADM Command Line Reference Guide.

Category
Storage (STOR = Storage)
A device arg1 is in an unknown state.

arg1 = device name

The controller cannot communicate with a device. The state of the device cannot be determined. There may be a bad or loose cable, or a missing device, or a problem with the driver or firmware.

See the storage hardware documentation for information on checking the cables. Check for problems with any enclosures attached to the system. Verify that the controller has a supported version of the driver and firmware. Rebooting the system may resolve this problem.

Storage (STOR = Storage)

Severity 2 (Warning)

4178

75300;80300;85300;90300;95300;100300;105300;110300;115300;120300
**STOR10**

**Message**
Access to shared storage will not be available, because the RAID controller is unable to turn on.

**Detailed Description**
The RAID controller was detected, however it is unable to turn on. Access to shared storage will not be available.

**Recommended Response Action**
Update the Chassis Infrastructure firmware.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

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**STOR11**

**Message**
The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability.

**Detailed Description**
The current hardware configuration is setup correctly for High Availability. However, the current firmware does not provide this functionality and one of the cards will be kept in a powered down state until High Availability capable firmware is installed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4179
STOR12

Message: Chassis is operating with a disabled RAID controller.

Detailed Description: One or more RAID controllers is disabled. This prevents Fault Tolerant mode from operating.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Trap/EventID: 4179

STOR13

Message: Unable to set the operation mode of the newly inserted storage sled in slot arg1 to Split Single or Split Dural Host, because the storage sled has only one PERC controller.

Arguments: arg1 = slot number

Detailed Description: The operation mode of the newly inserted storage sled in the slot identified in the message cannot be set because the storage sled has only one PERC controller. The operation mode will only be Join after part replacement.
Recommended Response Action
Make sure that the newly inserted storage sled has the same number of PERC controllers as the previous storage sled so that the new sled will have the same operation mode after part replacement.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Trap/EventID
4178

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### STOR14

**Message**
The peripheral sled in slot arg1 initialization is not complete.

**Arguments**
arg1 = slot number

**Detailed Description**
Peripheral sled intinilization is not successful with following possible reasons: 1) FRU is not functioning. 2) Sled internal components are not responding. 3) Component power state is not good. 4) Hardware configuration errors.

**Recommended Response Action**
Do the following: 1) Check system log for further information about the issue, 2) Remove asnd re-insert the peripheral sled identified in the message or virtual reseat the sled, 3) Reset the CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

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STOR15

Message  
The storage sled arg1 is improperly configured.

Arguments  
arg1 = slot number

Detailed Description  
The storage sled identified in the message was inserted in a location which does not support split dual host operation mode. The storage sled can functionally work in the current location with only primary PERC controller enabled.

Recommended Response Action  
Do one of the following: 1) Change the operating mode of the storage sled identified in the message. 2) Insert the storage sled to a different slot.

Category  
Storage (STOR = Storage)

Severity  
Severity 2 (Warning)

Trap/EventID  
4178

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STOR16

Message  
The storage sled arg1 configuration is normal.

Arguments  
arg1 = slot number

Detailed Description  
The configuration of the storage sled in the slot identified in the message is normal.

Recommended Response Action  
No response action is required.

Category  
Storage (STOR = Storage)

Severity  
Severity 3 (Informational)

Trap/EventID  
4179
STOR17

Message
The fault-tolerant pair of RAID controllers arg1 and arg2 can have issues in their PCIe fabric because both controllers are on the same PCIe fabric.

Arguments
arg1 = RAID controller 1, arg2 = RAID controller 2

Detailed Description
The two RAID controllers are on the same PCIe Fabric. This means that an issue with a single PCIe switch or Mezzanine card could result in the loss of all storage functionality from this pair of controllers.

Recommended Response Action
Change the slot location of one of the RAID Controllers.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Trap/EventID
4178

STOR18

Message
A Shared Storage device is detected in slots other than Chassis Slots 5 and 6. This configuration is not currently supported.

Detailed Description
Utilizing Shared Storage add-in cards outside of slots 5 and 6 is not supported. The card will be allowed to turn on, however some functionality may be degraded.
**Recommended Response Action**

Remove the shared storage device from the unsupported slot and place it in slot 5 or 6.

**Category**

Storage (STOR = Storage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4178

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| iDRAC |
| CMC  |

**STOR2**

**Message**

SCSI sense data arg1.

**Arguments**

arg1 = args

**Detailed Description**

A SCSI device experienced an error, but may have recovered.

**Recommended Response Action**

No response action is required.

**Category**

Storage (STOR = Storage)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4179

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| iDRAC |
| CMC  |

1700
**STOR3**

**Message**  
CEM Storage Management has lost communication with the \textit{arg1}.

**Arguments**  
\textbf{arg1} = Controller Name

**Detailed Description**  
Storage Management has lost communication with a controller. This may occur if the connectivity between the controller and iDRAC is disrupted or any underlying hardware problems are encountered.

**Recommended Response**  
Reboot the system or iDRAC. If the problem is not resolved, contact technical support.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
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**STOR300**

**Message**  
Unable to change the controller mode because there are already pending operations.

**Detailed Description**  
The requested operation could not be completed because at least one other pending operation was found on the RAID controller. This operation needs exclusivity because it requires a server reboot for changes to apply.

**Recommended Response**  
Do one of the following: 1) Create a job to complete the pending operations, allow the job to complete, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

\textit{No alerts are applicable for this message}
STOR301

Message: Unable to perform the operation because the controller mode change request is pending.

Detailed Description: The requested operation could not be completed because there is an operation pending to change the controller mode. This operation is exclusive because it requires a server reboot for changes to apply.

Recommended Response Action: Do one of the following: 1) Create a job to complete the pending controller mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

STOR302

Message: Unable to create the job because the Apply Operation Mode selected is not supported for this operation.

Detailed Description: The job could not be created because the Apply Operation Mode selected is not supported for this operation.

Recommended Response Action: Choose a different Apply Operation mode "Apply at Next Reboot" from the Apply Operation Mode drop-down menu.

Category: Configuration (STOR = Storage)

Severity: Severity 1 (Critical)

No alerts are applicable for this message.

STOR303

Message: Unable to change controller mode while foreign configuration is present on the controller.

Detailed Description: Controller mode cannot be changed as the controller has foreign configuration associated with it.

Recommended Response Action: Clear the foreign configuration and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)
No alerts are applicable for this message

STOR304

Message
Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller.

Detailed Description
Controller mode cannot be changed as the controller has virtual disk or hotspare associated with it.

Recommended Response Action
Delete the Virtual Disks and/or Hotspares and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR305

Message
Unable to change controller mode while there is preserved cache present on the controller.

Detailed Description
Controller mode cannot be changed as controller has a preserved cache.

Recommended Response Action
Delete the preserved cache and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR306

Message
Unable to change controller mode while security key is assigned to the controller.

Detailed Description
Controller mode cannot be changed as the controller currently has the security key assigned.

Recommended Response Action
Delete the security key and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
STOR307

Message
Unable to perform the configuration operation because the export log operation is currently in progress.

Detailed Description
Unable to perform the configuration operation because the export log operation is currently in progress.

Recommended Response
Wait until the current export operation is complete, and then try the configuration operation again.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR308

Message
Controller is in HBA mode, RaidAction CreateAuto value is not supported.

Detailed Description
The Controller is in HBA mode, RaidAction CreateAuto value is not supported.

Recommended Response
In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation. For switching to RAID mode using the F2 System Setup utility, go to Device Settings > "RAID Controller" > Controller Management > Advanced Controller Management > Switch to RAID mode.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

STOR309

Message
Unable to run the command because multiple targets must not be entered as input in the Blink/UnBlink Target method.

Detailed Description
The command cannot be run because multiple targets must not be entered as input in the Blink/Unblink Target method.

Recommended Response
Enter only one target FQDD (Fully Qualified Device Descriptor), and then retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
**STOR310**

**Message**
Unable to initialize the virtual disk because the RAID controller selected does not support the initialization mode.

**Detailed Description**
The virtual disk cannot be initialized because the RAID controller selected does not support the initialization mode.

**Recommended Response Action**
Make sure that the RAID controller selected for the operation supports the initialization mode, and they retry the operation. For more information about supported RAID controllers, see the specific documentation of RAID controller. Also, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide available at the support site.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**STOR4**

**Message**
CEM Storage Management encountered internal error.

**Detailed Description**
There was a software problem in initializing the CEM storage management components. Storage inventory and monitoring will be affected.

**Recommended Response Action**
Reboot the system or iDRAC. If the problem is not resolved, contact technical support.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

---

### Filter Visibility

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
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<td>✔*</td>
<td>✔</td>
<td>✔*</td>
<td>✔*</td>
</tr>
<tr>
<td>CMC</td>
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<td>✔*</td>
</tr>
</tbody>
</table>

---

**STOR5**

**Message**
Redundancy lost. arg1
Arguments: \( arg1 = \text{VD/Enclosure Name} \)

**Detailed Description**

A virtual disk or enclosure has lost data redundancy. In the case of a virtual disk, one or more physical disks included in the virtual disk have failed. Due to the failed physical disk or disks, the virtual disk is no longer maintaining redundant (mirrored or parity) data. The failure of an additional physical disk will result in lost data. In the case of an enclosure, more than one enclosure component has failed. For example, the enclosure may have suffered the loss of all fans or all power supplies.

**Recommended Response Action**

Identify and replace the failed components. To identify the failed component, select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. Click the controller that displays a Warning or Failed status. This action displays the controller Health subtab which displays the status of the individual controller components. Continue clicking the components with a Warning or Failed status until you identify the failed component. See Storage Health for more information. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.

**Category**

Storage (STOR = Storage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4178

**OMSA Event ID**

2123

**OMSA Trap ID**

130600

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</tr>
</tbody>
</table>

**STOR6**

**Message**

CEM Storage Management detected inventory change(s) after host re-boot.

**Detailed Description**

A comparison of storage inventory collected before and after the host re-boot/reset, reports differences. There could have been some storage components added or removed when the host was powered down.

**Recommended Response Action**

No response action is required.

**Category**

Storage (STOR = Storage)
STOR7

Message: The storage management instrumentation is performing an inventory refresh operation.

Detailed Description: The storage monitoring instrumentation detected a burst of events from underlying storage controllers. To overcome this overload condition, all the outstanding events have been purged and a fresh inventory will be performed automatically.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Trap/EventID: 4179

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*
CMC ✔ ✔

STOR8

Message: Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on.
**Detailed Description**
High Availability RAID is not supported by this firmware release. This event may occur during the upgrade process.

**Recommended Response Action**
Remove one RAID controller.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4178

<table>
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<tr>
<th>Filter Visibility</th>
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</table>

**STOR9**

**Message**
No RAID controllers have been detected. Access to shared storage will not be available.

**Detailed Description**
No supported RAID controllers have been detected. Access to shared storage will not be available.

**Recommended Response Action**
Ensure supported RAID controllers are installed.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4178

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</table>
# SUP Event Messages

## SUP001

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Insufficient parameters provided.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Insufficient Parameters provided for the WSMAN command.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Make sure the parameters are correct and in the right number and format and retry the action.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## SUP002

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Job creation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Could not create a new job because of a network error or an unresponsive iDRAC.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Retry the action. If this fails, reboot the iDRAC.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## SUP003

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Invalid URI, target or reboot flag.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One of the uniform resource input (URI) string, target or reboot flag parameters is missing or exceeds the prescribed length.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Verify that the URL, target or reboot flag parameter values are correct and retry the action</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
SUP005

Message: Invalid reboot value.
Detailed Description: Reboot value specified is not supported.
Recommended Response: Verify the reboot value and retry the action. Current options available are 1) Power Cycle 2) Graceful shutdown without forced shutdown 3) Graceful shutdown with forced shutdown (~10 minutes wait time).
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP006

Message: Update package downloading - Delete failed.
Detailed Description: The DUP is being downloaded and the update cannot be deleted while the download is in progress.
Recommended Response: Wait until the update package is downloaded and retry the action. The download can take more than 5 minutes depending on network speed and size of the update package.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SUP007

Message: iDRAC busy - Delete failed.
Detailed Description: The iDRAC communication channel is open and being used by another process; this can be caused by an open session of USC locally on the server.
Recommended Response: If USC is in use, wait until USC has exited and retry the action. Otherwise retry after 30 seconds to check if network connectivity caused this error.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
### SUP009

- **Message**: Driver pack update in progress - Delete failed.
- **Detailed Description**: Because of the size of the driver pack, the update process removes the older version of the driver pack from the system before installing the newer version. For that reason, the driver pack update cannot be deleted.
- **Recommended Response Action**: Wait for the Driver Pack update to complete. To revert to the previous version of the update, download and update the firmware to the version desired.
- **Category**: Updates (SUP = FW Update Job)
- **Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*

### SUP0100

- **Message**: Firmware update operation failed.
- **Detailed Description**: The firmware update operation failed.
- **Recommended Response Action**: No response action is required.
- **Category**: Updates (SUP = FW Update Job)
- **Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*

### SUP0101

- **Message**: Unable to get firmware update status.
- **Detailed Description**: Unable to get the update status.
- **Recommended Response Action**: No response action is required.
- **Category**: Updates (SUP = FW Update Job)
- **Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*
SUP0102

Message: Invalid TFTP IP address specified.
Detailed Description: The TFTP IP Address specified is invalid.
Recommended Response Action: Specify a valid TFTP IP Address.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP0103

Message: TFTP IP address is not reachable.
Detailed Description: The specified TFTP server is not reachable.
Recommended Response Action: Check if the TFTP server is alive.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

SUP0104

Message: TFTP Source path too long.
Detailed Description: The source path needs to be lesser than 64 characters.
Recommended Response Action: Enter a source path < 64 characters.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
SUP0105

Message: Invalid firmware image
Detailed Description: The firmware image provided by the user is not valid.
Recommended Response Action: Provide a valid firmware image.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP0106

Message: Unable to locate firmware image file in specified path.
Detailed Description: There is no firmware image present at the specified path.
Recommended Response Action: Check if the firmware image is present at the specified path.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP0107

Message: File path too long.
Detailed Description: The file path provided as a parameter is too long.
Recommended Response Action: Shorten the length of the string given as file path by either moving the file or renaming the folders along the path.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
SUP0108

Message: A firmware update operation is already in progress.

Detailed Description: The firmware update is in progress and another update cannot be done.

Recommended Response Action: Wait for the update operation to conclude and then re-try.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP0109

Message: A TFTP IP address has not been specified but is required.

Detailed Description: The firmware update cannot proceed without the TFTP IP address.

Recommended Response Action: Specify the TFTP IP address.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP011

Message: Invalid Job ID specified.

Detailed Description: The specified Job ID was not found in the job queue.

Recommended Response Action: Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
### SUP0110

**Message**  
Uninitializing firmware update services. Please wait...

**Detailed Description**  
The firmware update is being uninitialised.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP0111

**Message**  
Timeout waiting for firmware update process to complete.

**Detailed Description**  
Firmware Update time-out occurred.

**Recommended Response Action**  
Re-try the firmware update process.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### SUP0112

**Message**  
The -p option is not currently supported for remote RACADM and the\noperating system being used.

**Detailed Description**  
The requested option is not available for remote racadm/operating system.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
SUP0113

Message: TFTP firmware update is currently disabled.
Detailed Description: The cfgRhostsFwUpdateTftpEnable object must be set.
Recommended Response: Set the cfgRhostsFwUpdateTftpEnable object in cfgRemoteHosts group using config subcommand.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SUP0114

Message: The firmware update operation could not be completed successfully.
Detailed Description: The firmware update process failed.
Recommended Response: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SUP0115

Message: A firmware update is currently in progress. Unable to reset the RAC at this time.
Detailed Description: The rac cannot be reset, while the firmware update is in progress.
Recommended Response: Wait for the firmware update to finish.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
### SUP0116

**Message**
The RAC configuration has initiated restoration to factory defaults. 
Please wait up to a minute for this process to complete before accessing the RAC again.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP0117

**Message**
Firmware rollback initiated successfully. 
The iDRAC will now reset to complete the firmware rollback operation.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP0118

**Message**
iDRAC reset failed. Please reset the iDRAC manually to complete the firmware rollback operation.

**Detailed Description**
Success message.

**Recommended Response Action**
Manually reset the iDRAC.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
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<tr>
<td><strong>Message</strong></td>
<td>Firmware rollback failed</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>No response action is required.</td>
</tr>
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<td><strong>Category</strong></td>
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<tr>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Preparing for firmware update. Please wait...</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>No response action is required.</td>
</tr>
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<td><strong>Severity</strong></td>
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<th><strong>SUP0121</strong></th>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Firmware update in progress [arg1 percent complete]</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = Extent of completion</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>No response action is required.</td>
</tr>
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*No alerts are applicable for this message*
SUP0122

Message  Firmware update completed successfully
Detailed Description  Success message.
Recommended Response Action  No response action is required.
Category  Updates (SUP = FW Update Job)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

SUP0123

Message  Firmware update completed successfully. The RAC is in the process of resetting. Your connection will be lost. Please wait up to a minute before starting a new session.
Detailed Description  Success message.
Recommended Response Action  Re-connect to the iDRAC after a minute.
Category  Updates (SUP = FW Update Job)
Severity  Severity 3 (Informational)

No alerts are applicable for this message

SUP0124

Message  Firmware update is not currently in progress
Detailed Description  Success message.
Recommended Response Action  No response action is required.
Category  Updates (SUP = FW Update Job)
Severity  Severity 3 (Informational)

No alerts are applicable for this message
SUP0125
Message: Current firmware update status is unknown
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SUP0126
Message: Firmware update in progress. Please wait...
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SUP0127
Message: Verifying firmware image
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
### SUP0128

**Message**  
Ready for firmware update

**Detailed Description**  
Success message.

**Recommended Response**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP0129

**Message**  
Resetting the RAC. Please wait...

**Detailed Description**  
Success message.

**Recommended Response**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP013

**Message**  
Update in progress - Delete failed.

**Detailed Description**  
The update process is underway and cannot be deleted.

**Recommended Response**  
Do not try to delete the job when the update process is underway. To revert to the previous version of the update, download and update the firmware to the version desired or run the rollback command to go back to the previous version.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
**SUP0130**

**Message**
TFTP firmware update has been initiated. This update process may take several minutes to complete.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SUP0131**

**Message**
FTP firmware update has been initiated. This update process may take several minutes to complete.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SUP014**

**Message**
Unknown error - Delete failed.

**Detailed Description**
An unknown error was encountered while trying to delete the job.

**Recommended Response Action**
Retry the action. If this fails, reboot the iDRAC.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
SUP015

Message: Input parameters values should not be NULL.

Detailed Description: One of the parameters specified received a NULL value that prevented the action from completing.

Recommended Response: Correct the parameter value and retry the command.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

SUP016

Message: Job cannot be scheduled.

Detailed Description: Only jobs with the job status of Downloading / Downloaded / Pending Reboot can be scheduled.

Recommended Response: In case there is an update job, wait until the job status is Downloaded and then retry the action.

Category: Updates (SUP = FW Update Job)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

SUP017

Message: Invalid start time.

Detailed Description: The specified start time is invalid.

Recommended Response: Start Time should be in the form YYYYYMDDHHMMSS. Or it should be TIME_NOW to specify an immediate update or reboot. Verify the specified start time and retry the action.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.
SUP018

Message: Invalid until time.
Detailed Description: The specified until time is invalid.
Recommended Response Action: Until Time should be in the form YYYYMMDDHHMMSS. Verify the specified until time and retry the action.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SUP019

Message: Lifecycle Controller is not enabled.
Detailed Description: For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.
Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SUP020

Message: The specified job was deleted
Detailed Description: The specified job was successfully deleted from the job queue.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity 3 (Informational)

No alerts are applicable for this message

SUP021

Message
Diagnostics, Driver Pack or Lifecycle Controller update is a direct update and cannot be scheduled.

Detailed Description
Diagnostics and USC updates are direct updates and cannot be scheduled

Recommended Response
Do not schedule USC or Diagnostics Jobs.

Category
Updates (SUP = FW Update Job)

Severity 3 (Informational)

No alerts are applicable for this message

SUP022

Message
Job store has reached the maximum storage limit.

Detailed Description
JobStore file has exceeded the size limit. Delete all unneeded JobIDs from the job store.

Recommended Response
New JobID cannot be stored. Manually delete the failed jobs and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity 2 (Warning)

No alerts are applicable for this message

SUP023

Message
Duplicate JobID provided as inputs for scheduling.

Detailed Description
Duplicate/Invalid JobID was provided as input for scheduling.

Recommended Response
Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.

Category
Updates (SUP = FW Update Job)

Severity 2 (Warning)

No alerts are applicable for this message
### SUP024

**Message**  
InstanceId value provided for the update operation is invalid

**Detailed Description**  
The InstanceId value provided for update operation is invalid.

**Recommended Response**  
Enumerate inventory, copy the InstanceId value and provide that value for the update operation

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

### SUP025

**Message**  
The command was successful

**Detailed Description**  
Generic message to show that last command was successful.

**Recommended Response**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

### SUP026

**Message**  
The input value entered for the parameter arg1 is invalid.

**Arguments**  
arg1 = parameter

**Detailed Description**  
The value entered for the parameter identified in the message is invalid.

**Recommended Response**  
Correct the specified input value and retry the operation.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
SUP027

Message: Missing required parameter arg1
Arguments: arg1 = parameter
Detailed Description: The required parameter identified in the message is missing.
Recommended Response: Verify the required parameter value for the method is specified and retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SUP028

Message: The GetRepoBasedUpdateList method did not complete successfully.
Detailed Description: The GetRepoBasedUpdateList method was not successfully executed because the InstallFromRepo method was not executed first.
Recommended Response: Execute InstallFromRepo method, and then retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SUP029

Message: Firmware versions on server match catalog, applicable updates are not present in the repository.
Detailed Description: The catalog in the repository specified in the operation has the same firmware versions as currently present on the server. Firmware updates in the specified repository are not applicable to the server.
Recommended Response: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
**SUP030**

**Message**
Proxy IP and User Credential pare valid only if the ProxySupport parameter is TRUE.

**Detailed Description**
The value of the ProxySupport parameter must be TRUE if the Proxy IP and User Credentials need to be provided for the operation requested.

**Recommended Response**
Do not specify Proxy IP and User Credential parameters if the ProxySupport parameter is FALSE.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SUP0501**

**Message**
Invalid catalog file.

**Detailed Description**
The catalog file is not in the supported XML format, or the catalog file is corrupted.

**Recommended Response**
Do one of the following: 1) If the catalog file is customized, recreate the file using Repository Manager, and retry the operation. 2) Update the catalog file from the service providers FTP server and retry the operation. 3) Update the catalog file from the System Update Utility media or from the System Build Update Utility media and retry the operation. For more information, see Lifecycle Controller Users Guide.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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**SUP0502**

**Message**
Unable to collect system inventory.

**Detailed Description**
iDRAC is unable generate the inventory file or the inventory file received from iDRAC is faulty. For more information about the failure, see Lifecycle Log.
**Recommended Response Action**

Retry the operation. If the problem persists do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system. 4) Press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem continues to persist, update iDRAC firmware to the latest version, and retry the operation. Else, contact the service provider.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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**SUP0503**

**Message**
Unable to retrieve the system ID.

**Detailed Description**
Unable to retrieve the system ID from BIOS.

**Recommended Response Action**
Retry the operation. If the problem persists, do one of the following: 1) Reboot the system and retry the operation. 2) Update the BIOS firmware to the latest version and retry the operation. If the problem continues to persist contact the service provider.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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1730
SUP0504

Message: Unable to authenticate the catalog file in the update repository.

Detailed Description: The catalog file in the update repository is not digitally signed.

Recommended Response: Use a repository that has the catalog file from a trusted source and retry the operation. If the catalog is from a trusted source, click OK to proceed without digital signature verification.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

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SUP0505

Message: Corrupt catalog file.

Detailed Description: The catalog file in the selected repository is corrupt.

Recommended Response: Select a repository with a valid catalog file, and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

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SUP0506

Message: Unable to decompress the catalog file.

Detailed Description: The catalog file in the selected repository is corrupt or compressed in an unsupported format.

Recommended Response Action: Select a repository with a valid catalog file, and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

SUP0507

Message: Unable to download the Update Packages from the FTP server.

Detailed Description: The FTP server setting details are incorrect.

Recommended Response Action: Enter the correct FTP server settings details, and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)
### SUP0511

**Message**: Unable to find Diagnostics application.

**Detailed Description**: The Diagnostic application (Embedded Preboot System Assessment - Enterprise UEFI Diagnostics) is not installed or is corrupt.

**Recommended Response**: Update the Diagnostics application using the Firmware Update feature in Lifecycle Controller. For the latest Update Packages, contact your service provider.

**Category**: Updates (SUP = FW Update Job)

**Severity**: Severity 1 (Critical)

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### SUP0513

**Message**: Unable to access the Update Package.

**Detailed Description**: The specified filename path to the Update Package is incorrect.

**Recommended Response**: Enter the correct file path where the Update Package is located and retry the operation. If the problem persists, reboot the system and retry the operation.

**Category**: Updates (SUP = FW Update Job)

**Severity**: Severity 1 (Critical)

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### SUP0514

**Message**
Unable to perform firmware rollback.

**Detailed Description**
An internal error occurred while performing firmware rollback operation.

**Recommended Response**
Exit the Firmware Rollback wizard and retry the operation. If the problem persists, reboot the system and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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### SUP0515

**Message**
Unable to authenticate the Update Package signature.

**Detailed Description**
Lifecycle Controller was unable to authenticate the Update Package digital signature. The Update Package will not be applied unless it has a valid digital signature.

**Recommended Response**
Download the latest Update Package from your service provider and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)
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### SUP0516

**Message**
Updating firmware for arg1 to version arg2.

**Arguments**
- arg1 = component
- arg2 = version

**Detailed Description**
Do not turn off the system while firmware update is in progress.

**Recommended Response Action**
No response action required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

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### SUP0517

**Message**
Unable to update the arg1 firmware to version arg2.

**Arguments**
- arg1 = component
- arg2 = version

**Detailed Description**
The firmware image specified in the operation did not apply successfully. An internal error may have occurred.

**Recommended Response Action**
Retry the operation. If the problem persists, download the latest update package from your service provider, and retry the operation.

---

1735
SUP0518

Message
Successfully updated the arg1 firmware to version arg2.

Arguments
arg1 = component, arg2 = version

Detailed Description
The specified firmware for the component was successfully updated.

Recommended Response Action
No response action is required.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

SUP0519

Message
Unable to validate firmware image for arg1.

Arguments
arg1 = component

Detailed Description
The update firmware image operation is unable to process the firmware image provided. The image is invalid or incompatible with the installed component.
SUP0520

Message
Unable to update the arg1 firmware to version arg2.

Arguments
arg1 = component, arg2 = version

Detailed Description
The firmware update operation for the component did not complete due to an internal error.

Recommended Response
Retry the operation. If the problem persists, download the latest Update Package from your service provider and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

SUP0522

Message
Unable to update the BIOS firmware because write protection is enabled.
Write protection is enabled for the BIOS image and local BIOS update is disabled.

To flash the BIOS locally, enable local BIOS update by selecting System Setup.

Updates (SUP = FW Update Job)

Severity 3 (Informational)

Unable to verify the digital signature of the Update Package.

Unable to verify the digital signature of the Update Package.

Download the latest Update Package from your service provider and retry the operation.

Severity 1 (Critical)
SUP0526

Message: Unable to continue with firmware update.
Detailed Description: Unable to continue the firmware update because the catalog file or the update package is corrupt.
Recommended Response: Retry the operation. If the issue persists, download the latest Update Package or Catalog file from your service provider and retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)

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SUP0527

Message: The Update Package is not supported for this system.
Detailed Description: The Update Package does not have this system in the supported platform list.
Recommended Response: Download the latest Update Package from your service provider and retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)

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SUP0528

Message: Unable to generate a firmware comparison table.

Detailed Description: An internal error occurred in the Lifecycle Controller while generating the firmware comparison report.

Recommended Response: Exit the Platform Update wizard and retry the operation. If the problem persists, update the Lifecycle Controller firmware to the latest version and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

SUP0529

Message: Unable to access repository.

Detailed Description: The selected USB drive is disconnected.

Recommended Response: Make sure the USB drive is connected and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)
**SUP0530**

**Message**
Incorrect repository path location.

**Detailed Description**
The catalog repository path entered is not accessible.

**Recommended Response**
Retry the operation with the correct catalog repository path.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**SUP0531**

**Message**
Unable to install the Update Packages.

**Detailed Description**
The repository location is invalid or the repository does not contain the Update Packages.

**Recommended Response**
Enter another repository location that contains the desired Update Packages and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)
<table>
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**SUP0532**

**Message**
The repository contains corrupt Update Packages.

**Detailed Description**
The repository contains corrupt Update Packages.

**Recommended Response**
Enter another repository location that contains the desired Update Packages and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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**SUP0533**

**Message**
Unable to download the update package files from the FTP server.

**Detailed Description**
The file cannot be downloaded from FTP share due to network issues.

**Recommended Response**
Check network connection and retry download. If the issue persists, reconfigure the network settings and retry.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

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1742
SUP0534

Message: Unable to locate the catalog file.
Detailed Description: The catalog file cannot be found in the specified location.
Recommended Response Action: Specify the correct repository location and retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)

SUP0535

Message: Updating arg1.
Arguments: arg1 = component and version
Detailed Description: Component firmware update is in progress.
Recommended Response Action: No response action is required. Do not turn off the system while the update is in progress.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
### SUP0536

**Message**  
Successfully updated arg1.

**Arguments**  
arg1 = component and version

**Detailed Description**  
Component firmware update was successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

### SUP0537

**Message**  
Unable to continue the firmware update.

**Detailed Description**  
Unable to continue the firmware update due to an internal error.

**Recommended Response Action**  
Reboot the system and retry. If the problem persists, contact your service provider for the latest Update Package.

**Category**  
Updates (SUP = FW Update Job)
### Severity
Severity 1 (Critical)

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**SUP0538**

**Message**
Unable to update arg1.

**Arguments**
arg1 = component and version

**Detailed Description**
Unable to update firmware due to one the following: 1) Update Package is not supported. 2) Trusted Platform Module feature is enabled in BIOS settings.

**Recommended Response**
Retry the operation. If the problem persists, do one of the following and retry the operation: 1) Download the latest Update Package from your service provider. 2) Disable the Trusted Platform Module feature in BIOS settings. 3) Update the Lifecycle Controller firmware to the latest version.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

### Severity
Severity 1 (Critical)

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**SUP0539**

**Message**
Update Packages missing in the repository.

**Detailed Description**
Update Packages are missing from the specified repository.
**SUP0540**

**Message**
Unable to install update packages because of insufficient space in the iDRAC.

**Detailed Description**
The update packages cannot be installed because of insufficient space in the iDRAC even after deleting firmware installation files stored in the Rollback feature.

**Recommended Response Action**
Delete Lifecycle Controller related data by using the Repurpose or Retire System features, and then retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**SUP1901**

**Message**
Firmware update initializing.

**Detailed Description**
Firmware update initializing.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)
### SUP1902

**Message**
Firmware update stopping services.

**Detailed Description**
Firmware update stopping services.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

---

### SUP1903

**Message**
Firmware update verify image headers.

**Detailed Description**
Firmware update verify image headers.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)
### SUP1904

**Message**
Firmware update checksumming image.

**Detailed Description**
Firmware update checksumming image.

**Recommended Response**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

---

### SUP1905

**Message**
Firmware update programming flash.

**Detailed Description**
Firmware update programming flash.

**Recommended Response**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)
### SUP1906

**Message**
Firmware update successful.

**Detailed Description**
Firmware update successful.

**Recommended Response**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

---

### SUP1907

**Message**
Firmware update failed.

**Detailed Description**
Firmware update failed.

**Recommended Response**
Reacquire the image from the original source and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)
SUP1908

Message
Firmware update failed checksum.

Detailed Description
Firmware update failed checksum.

Recommended Response
Reacquire the image from the original source and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

SUP1909

Message
Firmware update failed image download.

Detailed Description
Firmware update failed image download.

Recommended Response
Check that the image is available and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)
SUP1910

Message  
Firmware update is not pending.

Detailed Description  
Firmware update is not pending.

Recommended Response Action  
No response action is required.

Category  
Updates (SUP = FW Update Job)

Severity  
Severity 3 (Informational)

SUP1911

Message  
Firmware update initialization complete.

Detailed Description  
Firmware update initialization complete.

Recommended Response Action  
No response action is required.

Category  
Updates (SUP = FW Update Job)

Severity  
Severity 3 (Informational)
### SUP1912

**Message**
Firmware update RAC recover successful.

**Detailed Description**
Firmware update RAC recover successful.

**Recommended Response**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

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1752
SWC Event Messages

SW0725

Message: iDRAC7 communication failure.
Detailed Description: iDRAC7 is busy and does not respond to iDRAC7 configurator/IPMI requests.
Recommended Response: Try AC power cycling the server or upgrade the iDRAC firmware.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

SWC0001

Message: Unable to save the network settings.
Detailed Description: The network cable may not be connected or an internal error occurred. For more information about the failure, see Lifecycle Log.
Recommended Response: Verify the network cable is connected and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

CMC

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

CMC

SWC0002

Message: Unable to set Part Replacement policies.
Detailed Description: The Part Replacement policy configuration operation encountered an unexpected error while communicating with iDRAC.

Recommended Response: Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

---

**SWC0003**

Message: Unable to display the Lifecycle log.

Detailed Description: An unrecoverable error occurred while communicating with iDRAC.

Recommended Response: Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)
SWC0004

Message
Unable to add a work note to the Lifecycle Log.

Detailed Description
The operation to add a work note to the Lifecycle Log encountered an unexpected error while communicating with iDRAC.

Recommended Response
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

---

iDRAC
CMC

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SWC0005

Message
Unable to display the current hardware inventory.

Detailed Description
The view current hardware inventory operation encountered an unexpected error while communicating with iDRAC.

Recommended Response
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

---

iDRAC
CMC
SWC0006

Message: Unable to display the As Shipped hardware inventory.

Detailed Description: The view As Shipped hardware inventory operation encountered an unexpected error while communicating with iDRAC.

Recommended Response: Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

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SWC0007

Message: Unable to write the current hardware inventory to the specified destination.

Detailed Description: The export current hardware inventory operation did not complete because the destination: 1) does not have the specified folder, 2) does not have enough free space, or 3) is read-only.

Recommended Response: Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

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Unable to write the As Shipped hardware inventory to the specified destination.

The export As Shipped hardware inventory operation did not complete because the destination: 1) does not have the specified folder, 2) does not have enough free space, or 3) is read-only.

Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

Successfully applied front panel security settings.

The front panel security settings were successfully configured.

No response action is required.
**SWC0012**

Message: Unable to retrieve the front panel security settings.

Detailed Description: The operation to retrieve the front panel security settings encountered an unexpected error while communicating with iDRAC.

Recommended Response: Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

---

**SWC0013**

Message: Unable to save the front panel security settings.

Detailed Description: The operation to save the front panel security settings encountered an unexpected error while communicating with iDRAC.

Recommended Response: Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

### SWC0014

**Message**: Unable to set new date and time.

**Detailed Description**: Unable to apply the changes to the date and time settings because an internal error occurred.

**Recommended Response**: Exit the Date and Time wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

### SWC0015

**Message**: Unable to retrieve the list of supported operating systems.

**Detailed Description**: The operating system driver pack is missing or not accessible.
Recommended Response
Update the system with the latest Lifecycle Controller OS Driver Pack. Obtain the OS Driver Pack from the service provider.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
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**SWC0016**

**Message**
Unable to initialize OS Deployment wizard.

**Detailed Description**
The operating system driver pack is missing or not accessible.

**Recommended Response**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Filter Visibility**
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**SWC0017**

**Message**
Unable to retrieve the drivers for the selected operating system.

1760
An unrecoverable error occurred while retrieving the drivers.

Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.

Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

Unable to apply the boot mode settings for BIOS.
The BIOS boot mode settings could not be applied due to an internal error.
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
SWC0019

Message
The Test Network Connection operation completed with errors.

Detailed Description
The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

Recommended Response
Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

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SWC0023

Message
Successfully configured encryption.

Detailed Description
Encryption configuration is successful.

Recommended Response
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

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**SWC0024**

**Message**
The Test Network Connection ping test timed-out.

**Detailed Description**
The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

**Recommended Response**
Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

**SWC0025**

**Message**
The operation completed successfully, however the system is unable to automatically shut down.

**Detailed Description**
The operation completed successfully, however the system is unable to automatically shut down.

**Recommended Response**
Manually shut down the system. For more information about the failure, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
Unable to retrieve status of backup Server Profile operation.

Status of backup Server Profile operation could not be retrieved because an unrecoverable error occurred while communicating with iDRAC.

Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

Configuration (SWC = Software Config)

Severity 1 (Critical)
The backup Server Profile operation did not successfully complete.

**Recommended Response**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
### SWC0030

**Message**
Unable to complete the backup Server Profile backup operation.

**Detailed Description**
iDRAC is unable to complete the backup Server Profile operation.

**Recommended Response**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

### SWC0031

**Message**
Unable to initiate the backup Server Profile backup operation.

**Detailed Description**
iDRAC is unable to initiate the backup Server Profile operation because an unrecoverable error occurred.

**Recommended Response**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
**SWC0032**

**Message**
Successfully exported the Server Configuration Profile image file to the USB drive.

**Detailed Description**
Exporting the Server Configuration Profile image file to the USB drive was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

---

**SWC0033**

**Message**
Successfully exported the Server Configuration Profile image file to network share.

**Detailed Description**
Exporting the Server Configuration Profile image file to the network share was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
Unable to export the file to the network share.

Lifecycle Controller is unable to export the file to the network share because it has insufficient free space.

Make sure that the network share has sufficient free space then retry the operation. If the problem persists, check network settings and retry the operation.

Configuration (SWC = Software Config)

Severity 1 (Critical)
Unable to launch hardware diagnostics.

Unable to launch hardware diagnostics because the Enterprise UEFI Diagnostics application is corrupt or iDRAC is not responding.

Retry the operation. If the problem persists, update the Enterprise UEFI Diagnostics using one of the following methods: 1) Use the Firmware Update feature in Lifecycle Controller. 2) Use the Server Update Utility. 3) Run the Update Package from the operating system. If the problem continues to persist, reset the iDRAC. For more information, contact your service provider.

Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
**SWC0038**

**Message**  Unable to export the file to the network share.

**Detailed Description**  Lifecycle Controller is unable to export the file to the network share because the destination folder is read-only or inaccessible.

**Recommended Response**  Remove the write protection on the destination folder and verify the folder is accessible, then retry the operation. If the problem persists, check network settings and retry.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 1 (Critical)

---

**SWC0039**

**Message**  Unable to find the backup Server Configuration Profile image.

**Detailed Description**  The backup Server Configuration Profile image partition is not present in the vFlash SD card.
Recommended
Response
A backup Server Configuration Profile is required to import or export a Server
Profile. Perform the backup operation and retry import or export operation.

Action

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

SWC0040

Message
Unable to complete the Import operation.

Detailed
Description
The location of the backup Server Configuration Profile image file provided is
incorrect.

Recommended
Response
Enter the correct location of the backup Server Configuration Profile image file and
retry the operation.

Action

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

SWC0041

Message
Unable to copy the backup Server Configuration Profile.
Detailed Description
The specified source file location is incorrect.

Recommended Response Action
Make sure that the specified source file location is correct and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC

SWC0042

Message
Unable to retrieve the status of the Import Server Profile operation.

Detailed Description
Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation.

Recommended Response Action
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC
SWC0043

Message
Import Server Profile operation completed with errors.

Detailed Description
The Import Server Profile operation has completed with errors. For more information, see the Lifecycle Log.

Recommended Response
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

| iDRAC | ✔ |
| CMC | |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔ |
| CMC | |

SWC0044

Message
Unable to retrieve the status of the Import Server Profile operation.

Detailed Description
Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation. For more information, see the Lifecycle Log.

Recommended Response
Retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

| iDRAC | |
| CMC | |

1773
SWC0045

Message: Unable to complete the Import operation.

Detailed Description: The Import operation did not successfully complete. For more information, see the Lifecycle Log.

Recommended Response: Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Filter Visibility

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SWC0046

Message: Unable to initiate Import operation.

Detailed Description: Unable to initiate Import operation since another Import operation is already in progress.

Recommended Response: Wait until current Import operation is complete before initiating a new Import operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)
### SWC0047

**Message**
Incorrect backup Server Configuration Profile file passphrase provided.

**Detailed Description**
The passphrase specified is not correct.

**Recommended Response Action**
Enter the valid passphrase and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

### SWC0048

**Message**
Unable to validate the backup server configuration Profile image file for this system.

**Detailed Description**
The backup server profile operation did not complete because: 1) The backup server configuration profile image file present on the vFlash SD card is invalid for this system. 2) The passphrase entered does not match the passphrase used to secure the backup server configuration profile image file.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Reinsert the vFlash SD card with correct backup image file. 2) Enter the passphrase that was used to secure the backup server configuration profile image file.
**SWC0049**

**Message**  
Unable to continue the Import operation.

**Detailed Description**  
The Import operation cannot continue because backup image file is not present on the vFlash SD card, the image is invalid, or the entered passphrase is incorrect.

**Recommended Response**  
Make sure that the backup image file is present on the vFlash SD card, the image is valid, and the entered passphrase is correct.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

---

**SWC0050**

**Message**  
Unable to initiate Import operation.

**Detailed Description**  
Unable to initiate Import operation since iDRAC is not responding.
Recommended Response
Action
Retry the Import operation using a valid backup image file and the correct passphrase. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

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**SWC0051**

Message
Unable to retrieve iDRAC license information.

Detailed Description
Unable to retrieve license information due to an iDRAC communication error.

Recommended Response
Exit Lifecycle Controller and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

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**SWC0052**

Message
Unable to continue with OS Deployment operation.
An error occurred while retrieving the operating system drivers.

Exit the OS Deployment wizard and update the system with the latest operating system driver packs available from the service provider and retry the operation. For more information, see the Lifecycle Controller users guide.

Configuration (SWC = Software Config)

Severity 1 (Critical)
SWC0054

Message: Unable to save settings.
Detailed Description: There was an internal error while saving the settings.
Recommended Response: Retry the operation. If the problem persists, reboot the system or update the Lifecycle Controller firmware to the latest version and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

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SWC0055

Message: Unable to load the View Current Version page.
Detailed Description: Unable to load the View Current Version page due to an internal error.
Recommended Response: Retry the operation. If problem persists, update the iDRAC firmware to the latest version and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

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SWC0056

Message: Unable to export the file to the USB drive.
Detailed Description: Unable to export the file to the USB drive because it does not have the specified folder, does not have enough free space, or is read-only.
Recommended Response: Make sure that the USB drive contains the folder specified, has enough free space, or is not read-only. If the problem persists, reboot the system and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

SWC0057

Message: Unable to export the file to the network share.
Detailed Description: Unable to copy the file to the network share because it does not have the specified folder, the specified folder name has space between the characters, does not have enough free space, or is read-only.
Recommended Response: Make sure that the network share has the specified folder, the specified folder name has no space between the characters, has enough free space, or is not read-only. If the problem persists, perform an AC power cycle and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
### SWC0058

**Message**
Unable to complete the operation.

**Detailed Description**
An internal processing error occurred.

**Recommended Response**
Reboot the system and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

### SWC0059

**Message**
Unable to complete the operation.

**Detailed Description**
vFlash partitions are being used by other applications such as Lifecycle Controller-Remote Services or RACADM.

**Recommended Response**
Wait until the current operations are complete and retry the operation. For information, see the FAQs section of the Lifecycle Controller-Remote Services or RACADM User Guide.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
Unable to complete the operation.

One or more vFlash partitions are attached.

Use iDRAC Web interface to detach the vFlash partitions and retry the operation.

Configuration (SWC = Software Config)

Severity 1 (Critical)
Unable to export Lifecycle Log.
The destination folder is not present, the destination is full or write-protected.
Verify the following and retry the operation: 1) Destination folder is present. 2) Destination has enough free space. 3) Destination is not write-protected. If the problem persists, perform an AC power cycle and retry.
Configuration (SWC = Software Config)
Severity 1 (Critical)
Unable to authenticate the login credentials and share name.
The share name and login credentials provided are incorrect.
Enter the correct share name and login credentials, and retry the operation.
Configuration (SWC = Software Config)
Severity 1 (Critical)
**SWC0064**

**Message**
Unable to mount the network share.

**Detailed Description**
The details provided to access the network share are incorrect.

**Recommended Response**
Enter the correct network share details, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

**SWC0065**

**Message**
Unable to retrieve the drivers for the selected operating system.

**Detailed Description**
Lifecycle Controller is unable to copy the OS drivers from the OS driver pack.

**Recommended Response**
Exit the OS Deployment wizard and retry the operation. If the issue persists, do one of the following: 1) Update the system with the latest operating system driver packs using the Firmware Update feature and retry the operation. 2) Reboot the system, press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

**Category**
Configuration (SWC = Software Config)
SWC0066

**Message**  Unable to connect to the Network Share.

**Detailed Description**  Unable to connect to the Network Share due to one of the following: 1) Login credentials entered are incorrect. 2) Network is inaccessible. 3) System IP address conflicts with another system on the network.

**Recommended Response**  Verify the login credentials. Make sure the Network Share is accessible and the system IP address does not conflict with any other system on the network. If the problem persists, perform an AC power cycle and retry.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 1 (Critical)
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC
CMC

**Visibility** | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC ✔
CMC

**Message**
Unable to retrieve the boot mode settings from BIOS.

**Detailed Description**
The BIOS boot mode settings could not be retrieved because of an internal issue.

**Recommended Response**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC
CMC

**Visibility** | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC ✔
CMC

**Message**
Successfully applied the new boot mode settings for BIOS.

**Detailed Description**
The new boot mode settings for BIOS were successfully applied.
Recommended Response Action
No response action is required.

Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)

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**SWC0070**

Message The Tech Support Report is successfully exported to the USB drive.

Detailed Description The Tech Support Report is successfully exported to the USB drive.

Recommended Response Action No response action is required.

Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)

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**SWC0071**

Message The Tech Support Report is successfully exported to the network share folder.
Detailed Description
The Tech Support Report is successfully exported to the network share folder.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC

SWC0072

Message
Unable to export the Tech Support Report to destination folder.

Detailed Description
Tech Support Report cannot be exported to the destination folder.

Recommended Response Action
Verify the following and retry the operation: 1) Destination folder is present. 2) Destination folder has sufficient free disk space. 3) Destination folder is not write-protected. If the issue persists, perform an AC power cycle operation, and then retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC
**SWC0073**

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The Repurpose or Retire system operation cannot be successfully started because the current version of iDRAC firmware does not support the operation.

**Recommended Response**
Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

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<tr>
<td>CMC</td>
<td></td>
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<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
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<td></td>
</tr>
</tbody>
</table>

**SWC0074**

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The export operation of Tech Support Report cannot be started because the current version of iDRAC firmware does not support the operation.

**Recommended Response**
Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**SWC0075**

**Message**
Unable to perform RAID operations because the selected controller is in HBA mode.

**Detailed Description**
Unable to perform RAID operations because the selected controller is in HBA mode.

**Recommended Response**
Do one of the following: 1) Retry the operation using other controllers that support RAID operations and are not in HBA mode. 2) Change the mode of the controller from HBA mode to RAID mode and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

**SWC0076**

**Message**
The following iDRAC internal storage partitions present in the system were not mounted during the system startup: arg1

**Arguments**
arg1 = partitions

**Detailed Description**
Lifecycle Controller detected that the iDRAC internal storage partitions identified in the message were not made available by BIOS during the boot process.

**Recommended Response**
No response action required. If the issue occurs consistently during system startup, restart the iDRAC and then restart the system. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
Unable to initiate the Repurpose or Retire System operation. 

**Message**
Unable to initiate the Repurpose or Retire System operation.

**Detailed Description**
iDRAC is unable to initiate the Repurpose or Retire System operation because the iDRAC is not responding or another operation is in progress.

**Recommended Response**
Retry the operation. If the problem persists, do one the following: 1) Check if there are other operations running on the iDRAC and wait for the operations to complete, and retry the operation. 2) Restart the server, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

Unable to read available log records.

**Message**
Unable to read available log records.

**Detailed Description**
Racadm is unable to read the available log records at this point. Retry the command.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
SWC0102
Message: The -m option is not supported by the interface being used.
Detailed Description: The option requested is not available on the interface being used.
Recommended Response Action: Refer to the help to get the list of options valid for the interface.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

SWC0103
Message: The -E option is not valid for the specified log.
Detailed Description: The specified log does not take in the -e option.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

SWC0104
Message: The -R option is not valid for the specified log.
Detailed Description: The specified log does not take in the -r option.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
**SWC0105**

**Message**: Invalid -m option. Try --more or refer help for proper usage.

**Detailed Description**: The command does not take in the -m option.

**Recommended Response Action**: Refer the help text for getraclog command.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0106**

**Message**: The -u option is not supported on the current RAC configuration.

**Detailed Description**: The specified option is not supported on the RAC.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0107**

**Message**: More than one option is not allowed with this command.

**Detailed Description**: The command takes in only one option which is the Session ID.

**Recommended Response Action**: Enter the command only with one option i.e. the Session ID

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0108**

**Message**
The service tag is not currently populated.

**Detailed Description**
The Service Tag string is empty.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0109**

**Message**
No process information is currently available.

**Detailed Description**
There is no RAC diagnostic information available.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**SWC0110**

**Message**
No build information is currently available.

**Detailed Description**
The build information is not available for racdump.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
**SWC0111**

Message: A server action command must be specified.

Detailed Description: The serveraction subcommand requires an option to be specified.

Recommended Response: Refer the help for serveraction subcommand, and enter a valid option.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

**SWC0112**

Message: Timeout while waiting for server to perform requested power action.

Detailed Description: A network time-out occurred while trying to perform the power action.

Recommended Response: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.

**SWC0113**

Message: The -6 option can only be used in combination with the -d or -s option.

Detailed Description: The syntax of the setniccfg command is invalid.

Recommended Response: Refer the help text for setniccfg subcommand.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

No alerts are applicable for this message.
SWC0114

Message: The -o option cannot be used with any other options.
Detailed Description: The syntax of the setniccfg command is invalid.
Recommended Response: Refer the help text for setniccfg subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0115

Message: The -s option cannot be used with any other options.
Detailed Description: The syntax of the setniccfg command is invalid.
Recommended Response: Refer the help text for setniccfg subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0116

Message: The -s option requires IP address, subnet mask, and gateway.
Detailed Description: The syntax of the setniccfg command is invalid.
Recommended Response: Refer the help text for setniccfg subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### SWC0117

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. Both -f and -t must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid parameters passed to the function.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for sslcertdownload subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0118

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. -f must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the sslcertupload command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for sslcertupload subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0119

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid certificate type specified with -t option.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the sslcertview command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for sslcertview subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>SWC0120</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid syntax. Certificate type (-t) must be specified.</td>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcertview command is invalid.</td>
<td><strong>Recommended Response</strong></td>
<td>Refer the help text for sslcertview subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0121</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid syntax. User index (-i) must be specified.</td>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcertview command is invalid.</td>
<td><strong>Recommended Response</strong></td>
<td>Refer the help text for sslcertview subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0122</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid syntax. SSL key type (-t) must be specified.</td>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcertupload command is invalid.</td>
<td><strong>Recommended Response</strong></td>
<td>Refer the help text for sslcertupload subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
<td><strong>No alerts are applicable for this message</strong></td>
<td></td>
</tr>
</tbody>
</table>
**SWC0123**

**Message**
The `-s` option is not valid with any other options.

**Detailed Description**
The syntax of the `sslcsrgen` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcsrgen` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**SWC0124**

**Message**
The `-u` option requires `-f` to be specified.

**Detailed Description**
The syntax of the `sslcsrgen` command is invalid.

**Recommended Response Action**
Refer the help text for `sslcsrgen` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**SWC0125**

**Message**
Unable to generate CSR.

**Detailed Description**
The CSR file could not be generated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message
**SWC0126**

Message: Unable to download CSR file.

Detailed Description: Racadm tool was unable to download the generated CSR file.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

*No alerts are applicable for this message*

**SWC0127**

Message: Unable to open file for writing.

Detailed Description: The file may be write protected and hence could not be edited.

Recommended Response Action: Check if the file is write protected.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

*No alerts are applicable for this message*

**SWC0128**

Message: The Common Name (CN) field of the CSR Security group must be configured before a CSR can be generated.

Detailed Description: The Common Name field is necessary for generating a CSR. It is not generated if Common Name is empty.

Recommended Response Action: Configure the Common Name field by using config command.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0129**

**Message**
Unable to send test email. Please make sure that your email alerts have been configured correctly and connectivity to the SMTP server exists.

**Detailed Description**
Racadm tool was not able to send a test email for the configuration.

**Recommended Response Action**
Check for the parameters mentioned in the message.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

---

**SWC0130**

**Message**
Trap at specified index is not currently enabled.

**Detailed Description**
The Trap needs to be set for the particular index for the testtrap to go through.

**Recommended Response Action**
Set cfgIpmiPetAlertEnable in cfgIpmiPet group using config subcommand for the corresponding index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

---

**SWC0131**

**Message**
Trap destination address must be configured.

**Detailed Description**
The destination IP address must be configured for the Trap.

**Recommended Response Action**
Set cfgIpmiPetAlertDestIpAddr in cfgIpmiPet group using config subcommand for the corresponding index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message
SWC0132
Message: Unable to send test trap. Please make sure that your trap has been configured correctly and connectivity to the destination endpoint exists.
Detailed Description: Either the destination IP address is not reachable or the required values are not configured.
Recommended Response Action: Check for the connectivity to the configured IP address.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SWC0133
Message: Either connect or disconnect must be specified.
Detailed Description: Insufficient information provided.
Recommended Response Action: Specify either the connect or the disconnect option with the subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0134
Message: The RAC log was cleared successfully.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
**SWC0135**

- **Message**: The SEL was cleared successfully
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0136**

- **Message**: Object value modified successfully
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0137**

- **Message**: The coredump was deleted successfully
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
SWC0138

**Message**  
Coredump request completed successfully

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

SWC0139

**Message**  
Total Records: arg1

**Arguments**  
arg1 = Number of Records

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

SWC0140

**Message**  
RAC reset operation initiated successfully. It may take up to a minute \nfor the RAC to come back online again.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0141**

**Message**  
Certificate successfully downloaded from the RAC

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0142**

**Message**  
Certificate successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0143**

**Message**  
SSL key successfully uploaded to the RAC.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
### SWC0144

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate successfully uploaded to the RAC. The RAC will now reset into enable the new certificate and may be offline temporarily.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

### SWC0145

<table>
<thead>
<tr>
<th>Message</th>
<th>A CSR was generated successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

### SWC0146

<table>
<thead>
<tr>
<th>Message</th>
<th>Last ASR screen was cleared successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>
**SWC0147**

**Message**
ASR request completed successfully

**Detailed Description**
Success message.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0148**

**Message**
Test email sent successfully

**Detailed Description**
Success message.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0149**

**Message**
Test trap sent successfully.

**Detailed Description**
The requested SNMP test trap alert was successfully sent.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0150**

Message: Object value is valid  
Detailed Description: Success message.  
Recommended Response Action: No response action is required.  
Category: Configuration (SWC = Software Config)  
Severity: Severity 3 (Informational)  
No alerts are applicable for this message

**SWC0151**

Message: RAC configuration saved to file successfully  
Detailed Description: Success message.  
Recommended Response Action: No response action is required.  
Category: Configuration (SWC = Software Config)  
Severity: Severity 3 (Informational)  
No alerts are applicable for this message

**SWC0152**

Message: RAC configuration from file completed successfully  
Detailed Description: Success message.  
Recommended Response Action: No response action is required.  
Category: Configuration (SWC = Software Config)  
Severity: Severity 3 (Informational)  
No alerts are applicable for this message
SWC0153
Message: RAC configuration file is valid
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0154
Message: Generating CSR. Please wait...
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0155
Message: CSR generated and downloaded from RAC successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
SWC0156

Message: CSR file downloaded from RAC successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0157

Message: User certificate successfully uploaded to the RAC.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0158

Message: User CA certificate successfully uploaded to the RAC.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
SWC0159

Message: Kerberos Keytab successfully uploaded to the RAC.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0160

Message: PK SSH Authentication Key file successfully uploaded to the RAC.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0161

Message: PK SSH Authentication operation completed successfully.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
SWC0201

Message: All keys successfully deleted
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0202

Message: Key successfully deleted
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0203

Message: Key file successfully uploaded
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
**SWC0204**

*Message*  
Key text successfully uploaded

*Detailed Description*  
Help Text.

*Recommended Response Action*  
No response action is required.

*Category*  
Configuration (SWC = Software Config)

*Severity*  
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0205**

*Message*  
Upload an SSL key to the RAC

*Detailed Description*  
Help Text.

*Recommended Response Action*  
No response action is required.

*Category*  
Configuration (SWC = Software Config)

*Severity*  
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0206**

*Message*  
View user certificate information

*Detailed Description*  
Help Text.

*Recommended Response Action*  
No response action is required.

*Category*  
Configuration (SWC = Software Config)

*Severity*  
Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0207**

**Message**
Display the version info of RACADM

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**SWC0208**

**Message**
Disconnect Virtual Media connections

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**SWC0209**

**Message**
Connect or disconnect image server connections

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
**SWC0210**

- **Message**: Display NIC teaming information
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0211**

- **Message**: Perform vFlash operations
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0212**

- **Message**: Perform POST Virtual Console disable from local system
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
SWC0213

Message: Disable the Virtual Console from a local Console
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0214

Message: Makes a remote ISO image available to the server
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0215

Message: Disable Remote File Started. Please check status using -s option to know Remote File Share is ENABLED or DISABLED.
Detailed Description: The process to disable the file share has started. Use the -s option to know more about the status.
Recommended Response Action: If required check the status using the -s option.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The -c option requires -l to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the help for remote image command.</td>
</tr>
<tr>
<td><strong>Action</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
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<tr>
<td><strong>Severity</strong></td>
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</tr>
<tr>
<td></td>
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</tr>
</tbody>
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<tr>
<th><strong>Message</strong></th>
<th>The -c option requires -u to also be specified.</th>
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<tr>
<td><strong>Detailed Description</strong></td>
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<td><strong>Recommended Response</strong></td>
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<tr>
<th><strong>Message</strong></th>
<th>The -c option requires -p to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the help for remote image command.</td>
</tr>
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<td><strong>Action</strong></td>
<td></td>
</tr>
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<td><strong>Category</strong></td>
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<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
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<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
<tr>
<td>SWC0219</td>
<td></td>
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<tr>
<td>---------</td>
<td></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>The -p option requires -c to also be specified.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer to the help for remote image command.</td>
</tr>
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*No alerts are applicable for this message*

<table>
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<tr>
<th>SWC0220</th>
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</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
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<td><strong>Category</strong></td>
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<td><strong>Severity</strong></td>
</tr>
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</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>SWC0221</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
SWC0222

Message: Invalid syntax. The -d option is not valid with -c.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0223

Message: Invalid syntax. The -d option is not valid with -p.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0224

Message: Invalid syntax. The -d option is not valid with -u.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
**SWC0225**

**Message**: Invalid syntax. The -d option is not valid with -l.

**Detailed Description**: The syntax of the command is incorrect.

**Recommended Action**: Refer to the help for remote image command.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0226**

**Message**: No valid directory service certificate exists

**Detailed Description**: The Remote/Firmware racadm did not find any AD/LDAP certificate at specified path.

**Recommended Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*

---

**SWC0227**

**Message**: Partition label exceeds maximum limit of 6 alphanumeric characters.

**Detailed Description**: Invalid values passed to the function.

**Recommended Action**: Enter a shorter path to the firmware image file.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 2 (Warning)

*No alerts are applicable for this message*
SWC0228
Message: Partition label must be an alphanumeric character string.
Detailed Description: Invalid values passed to the function.
Recommended Response: Enter a shorter Partition label.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

SWC0229
Message: Some Necessary tag(s) are missing: -i -o -e -t -f & -s must be specified for create partition.
Detailed Description: Insufficient arguments passed to the command.
Recommended Response: Refer the help text for vflashpartition command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message.

SWC0230
Message: vFlash not enabled.
Detailed Description: vFlash is not enabled. This may be because the user does not have enough privileges.
Recommended Response: Enable vFlash and re-try.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.
**SWC0231**

**Message**  
Partition of type "image" not supported on local racadm.

**Detailed Description**  
The partition image type specified is not available on local racadm.

**Recommended Response**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0232**

**Message**  
Remote RACADM commands are not supported on this iDRAC. To upgrade your iDRAC version, contact your service provider.

**Detailed Description**  
Remote RACADM commands are not supported on the current iDRAC.

**Recommended Response**  
If remote RACADM is a necessity, upgrade the iDRAC version.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0233**

**Message**  
No indexes are available to configure additional groups.

**Detailed Description**  
Indexed groups in the configuration file is more than the indexed groups in iDRAC.

**Recommended Response**  
Verify if the number of indexed groups available in iDRAC match the indexed groups in the configuration file. If it does not match, either reset the unnecessary indexes on iDRAC or remove the extra groups from the configuration file.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*
**SWC0234**

**Message**
Remote host is not reachable or connection is interrupted.

**Detailed Description**
The remote host specified for the ftp update is not reachable.

**Recommended Response**
Check the connectivity between iDRAC and the remote host used for the ftp update.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

**SWC0235**

**Message**
All keys successfully deleted.

**Detailed Description**
All public keys stored on the iDRAC have been deleted.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0236**

**Message**
Key successfully deleted.

**Detailed Description**
The specified public key was deleted from iDRAC.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC0237**

**Message**
Key text appears to be corrupted.

**Detailed Description**
The key text in the public key specified is corrupt.

**Recommended Response Action**
Request for a valid public key from the system and re-try the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0238**

**Message**
Key is too long.

**Detailed Description**
The key specified by the public key is too long.

**Recommended Response Action**
Request for a valid public key from the system and re-try the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0239**

**Message**
The requested object is not allowed to be configured if IPv6 AutoConfig is enabled.

**Detailed Description**
The requested object is auto-assigned if IPv6 AutoConfig is enabled, and hence cannot be configured.

**Recommended Response Action**
Disable IPv6 AutoConfig and re-try the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
SWC0240

**Message**
The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.

**Detailed Description**
The requested object is auto-assigned if DNS Server DHCP is enabled, and hence cannot be configured.

**Recommended Response**
Disable DNS Server DHCP and re-try the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

---

SWC0241

**Message**
Power Cap Enable not set. Unable to modify this property

**Detailed Description**
To modify this property, set the Power Cap Enable option.

**Recommended Response**
Set the Power Cap Enable object and modify the required property.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

---

SWC0242

**Message**
A required license is missing or expired. Obtain an appropriate license and try again, or contact your service provider for additional details.

**Detailed Description**
The license is missing or expired. This will result in the loss of functionality that is specific to the features supported by the license.

**Recommended Response**
Import an appropriate license to iDRAC. If you do not know which license to install, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

No alerts are applicable for this message
**SWC0243**

**Message**
Certificate regenerated successfully and webserver restarted

**Detailed Description**
SSL Certificate is regenerated successfully and the Web server is restarted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0244**

**Message**
Invalid Fully Qualified Device Descriptor (FQDD).

**Detailed Description**
The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.

**Recommended Response Action**
Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the get subcommand can be obtained by running “racadm help get”) or documentation for valid FQDD system component names.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0245**

**Message**
Failed to set object value because local configuration using RACADM is disabled.

**Detailed Description**
Local configuration using RACADM is disabled. This limits local configuration privileges such as resetting object values.

**Recommended Response Action**
Within group cfgRacTuning set the property cfgRacTuneLocalConfigDisable to 0.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC0246**

| Message | Value specified is invalid: Valid range is $\text{arg1}$.
| Arguments | $\text{arg1} = \text{index}$
| Detailed Description | The specified value is outside of the valid range.
| Recommended Response | Verify that a valid value is specified. See the help text or documentation for valid values.
| Category | Configuration (SWC = Software Config)
| Severity | Severity 2 (Warning)

No alerts are applicable for this message

**SWC0247**

| Message | Invalid subcommand specified.
| Detailed Description | An invalid subcommand was entered.
| Recommended Response | Refer the list of subcommands.
| Category | Configuration (SWC = Software Config)
| Severity | Severity 3 (Informational)

No alerts are applicable for this message

**SWC0248**

| Message | Invalid command syntax.
| Detailed Description | The specified command has invalid syntax.
| Recommended Response | Verify that the correct command syntax is specified. See the help text or documentation for valid commands.
| Category | Configuration (SWC = Software Config)
| Severity | Severity 2 (Warning)

No alerts are applicable for this message
**SWC0249**

**Message**
Invalid syntax. The requested subcommand requires -i arg1 to be specified.

**Arguments**
arg1 = index

**Detailed Description**
The specified parameter needs to be given with its legal value.

**Recommended Response**
Enter the proper index preceded by -i.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0250**

**Message**
Invalid syntax. The specified subcommand does not require any options.

**Detailed Description**
Extra parameters were passed.

**Recommended Response**
Enter the subcommand without any options.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SWC0251**

**Message**
Invalid index value. Only index values arg1 - arg2 are permitted.

**Arguments**
arg1 = number, arg2 = number

**Detailed Description**
The value of specified parameter is invalid.

**Recommended Response**
Enter the index value as specified by the message.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### SWC0252

**Message:** No options were specified. The subcommand requires options to be used.

**Detailed Description:** Invalid number of arguments were passed to the command.

**Recommended Response:** Refer the help text for the command, and enter the required parameters.

**Category:** Configuration (SWC = Software Config)

**Severity:** Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0253

**Message:** Unable to allocate memory needed to perform operation.

**Detailed Description:** Unable to allocate memory to perform the operation, see the inserted comment.

**Recommended Response:** Power Cycle the system and re-enter the command.

**Category:** Configuration (SWC = Software Config)

**Severity:** Severity 2 (Warning)

*No alerts are applicable for this message*

### SWC0254

**Message:** Unable to perform requested operation. 
If the operation attempted was to configure DRAC, possible reason may be that Local Configuration using RACADM is disabled.

**Detailed Description:** Local Configuration using RACADM may be disabled.

**Recommended Response:** Check if the Local Configuration using RACADM is disabled and enable it through GUI.

**Category:** Configuration (SWC = Software Config)

**Severity:** Severity 3 (Informational)

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to open file.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to open the specified file.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
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<tr>
<td>Severity</td>
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</tbody>
</table>

No alerts are applicable for this message

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<table>
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<tr>
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<td>Detailed Description</td>
<td>Unable to read the specified file.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
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<td>Severity</td>
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No alerts are applicable for this message

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<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. Too many options specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid number of arguments were passed to the command.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer the help text for the command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
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</tbody>
</table>

No alerts are applicable for this message
SWC0258

Message: Insufficient resources to perform operation.
Detailed Description: Insufficient resources to execute the command.
Recommended Response Action: Power Cycle the system and re-enter the command.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

SWC0259

Message: Invalid group specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Refer the list of groups and enter a valid option.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0260

Message: Invalid object specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Refer the list of objects in the corresponding group.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
### SWC0261

**Message**
The specified option is not supported with the interface being used.

**Detailed Description**
The option requested is not available on the interface being used.

**Recommended Response**
Refer to the help to get the list of commands/options valid for the interface.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0262

**Message**
Unable to perform operation. Please make sure RAC controller and IPMI drivers are installed.

**Detailed Description**
The IPMI drivers or the RAC controller may not be installed.

**Recommended Response**
Check if the required modules are installed.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

### SWC0263

**Message**
Specified path is too long.

**Detailed Description**
The length of the path to the firmware image is longer than the specified value.

**Recommended Response**
Enter a shorter path to the firmware image file.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC0264**

**Message**
Resource currently in use by another process. Please retry again later.

**Detailed Description**
The resources required for the execution are in use by another process.

**Recommended Response**
Wait for the process to release the resources and try again.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0265**

**Message**
This option is not supported on this type of DRAC.

**Detailed Description**
The option requested is not available on the DRAC being used.

**Recommended Response**
Refer to the help to get the list of commands/options valid for the DRAC.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0266**

**Message**
Unable to perform the requested operation. Make sure SD card is inserted.

**Detailed Description**
The SD card may not be inserted/inserted properly.

**Recommended Response**
Ensure that the SD card is inserted in the server.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC0267**

**Message**
Unable to perform the requested operation. Make sure a non write protected SD card is inserted.

**Detailed Description**
Unable to edit the SD card, since it is write protected.

**Recommended Response Action**
Check if the SD card is write protected. If yes, disable the write protection.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0268**

**Message**
There is no ASR screen currently available to clear

**Detailed Description**
The ASR screen is already cleared.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0269**

**Message**
Unable to clear the RAC log. Possible reason may be that Local Configuration using RACADM is disabled.

**Detailed Description**
Local Configuration using RACADM may be disabled.

**Recommended Response Action**
Check if the Local Configuration using RACADM is disabled and enable it through GUI.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC0270**

**Message**
Unable to clear the SEL. Possible reason may be that Local Configuration using RACADM is disabled.

**Detailed Description**
Local Configuration using RACADM may be disabled.

**Recommended Response Action**
Check if the Local Configuration using RACADM is disabled and enable it through GUI.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0271**

**Message**
Invalid syntax. The -f option is only valid with -p and -c.

**Detailed Description**
The syntax for the config command is invalid.

**Recommended Response Action**
Refer to the help text for the config subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0272**

**Message**
Invalid syntax. The -g option is only valid with -o, -i, and -c.

**Detailed Description**
The syntax for the config command is invalid.

**Recommended Response Action**
Refer to the help text for the config subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
SWC0273

Message: Invalid syntax. The -g option requires -o to also be specified.
Detailed Description: The syntax for the config command is invalid.
Recommended Response Action: Refer to the help text for the config subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0274

Message: Invalid syntax. An object value must be specified.
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Enter the same command with a legal value to the object.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SWC0275

Message: Invalid syntax. The -c option is only valid with -f or -g.
Detailed Description: The syntax for the config command is invalid.
Recommended Response Action: Refer to the help text for the config subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
### SWC0276

**Message**: Invalid syntax. The `-p` option is only valid with `-f`.

**Detailed Description**: The syntax for the `config` command is invalid.

**Recommended Response**: Refer to the help text for the `config` subcommand.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0277

**Message**: Invalid syntax. The `-i` option is only valid with `-g` and `-o`.

**Detailed Description**: The syntax for the `config` command is invalid.

**Recommended Response**: Refer to the help text for the `config` subcommand.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0278

**Message**: Invalid group or object specified.

**Detailed Description**: The value of specified parameter is invalid.

**Recommended Response**: Enter the values for the group name and object name correctly.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
### SWC0279

**Message**
The specified group is not indexed and does not support `-i`.

**Detailed Description**
The group is not indexed and does not require an index to be specified.

**Recommended Response Action**
Enter the command without the index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0280

**Message**
The indexed group specified requires `-i arg1`.

**Arguments**
`arg1` = index

**Detailed Description**
The group is indexed and an index needs to be specified.

**Recommended Response Action**
Enter the command with a valid index for the group.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0281

**Message**
The specified object is READ ONLY and cannot be modified.

**Detailed Description**
The value being modified is READ only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
### SWC0282

**Message**

The specified object is READ ONLY for this index and cannot be modified.

**Detailed Description**

The value being modified is READ only.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

### SWC0283

**Message**

The specified object value is not valid.

**Detailed Description**

The value given for the object is not valid.

**Recommended Response Action**

Enter a valid value for the corresponding object.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*

### SWC0284

**Message**

Failed to set the object value. Possible reason may be that Local Configuration using RACADM is disabled.

**Detailed Description**

Local Configuration using RACADM may be disabled.

**Recommended Response Action**

Check if the Local Configuration using RACADM is disabled and enable it through GUI.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

*No alerts are applicable for this message*
### SWC0285

**Message**
Object value is invalid.

**Detailed Description**
The value given for the object is not valid.

**Recommended Response**
Enter a valid value for the corresponding object.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### SWC0286

**Message**
Modifying the user configuration at index 1 is not allowed.

**Detailed Description**
Objects in the cfgUserAdmin group corresponding to index 1 cannot be modified.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### SWC0287

**Message**
Invalid entry in configuration file.

**Detailed Description**
The value of a parameter in the config file is invalid.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
SWC0288

Message
Object arg1 in arg2 group must be specified. Line: arg3

Arguments
arg1 = object name, arg2 = group name, arg3 = line no.

Detailed Description
The object specified in the message in the group specified in the message is not configured.

Recommended Response
Configure the object specified in the message in specified group, before performing a config to file action.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

SWC0289

Message
Invalid value in config file. Group: arg1, Object: arg2, Value: \"arg3\", Line { arg4 }

Arguments
arg1 = Group Name, arg2 = Object Name, arg3 = Value, arg4 = Line No.

Detailed Description
The specified objec value is invalid.

Recommended Response
Configure the specified object and assign a valid value.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

SWC0290

Message
Failed to configure object. Group: arg1, Object: arg2

Arguments
arg1 = Group Name, arg2 = Object Name

Detailed Description
Failed to configure the object specified in the error message.

Recommended Response
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)
No alerts are applicable for this message

SWC0291

Message
Another object exists with the specified value. Duplicate values are not allowed for the requested object.

Detailed Description
Another object of the same value exists. Typically in the case of username.

Recommended Response
Change the specified value and re-try.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

SWC0292

Message
The specified object at index arg1 does not exist.

Arguments
arg1 = index number

Detailed Description
The queried object does not exist at the specified index.

Recommended Response
Check for the objects available at the specified index and re-try.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

SWC0293

Message
The specified object is not recognized by iDRAC.

Detailed Description
The specified object is not present in the iDRAC.

Recommended Response
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
### SWC0294

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Invalid group name specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The group name specified is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the list of groups available and choose the correct one.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0295

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Invalid object name specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The object name specified is incorrect.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer to the list of objects in the group and choose the correct one.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0296

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The specified value is not allowed to be configured if the user name or password is blank.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Either the password field or the username field is empty.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Enter the command with the username and password.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**SWC0297**

**Message**
Unable to remove passwords because file could not be saved.

**Detailed Description**
After the Groups are downloaded to a file, the passwords are to be deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0298**

**Message**
The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

**Detailed Description**
The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

**Recommended Response Action**
Enable Local Configuration (through GUI) or Disable Smart Card Logon to change the value.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC0299**

**Message**
The Destination Email Address is invalid.

**Detailed Description**
The Email Address provided is invalid.

**Recommended Response Action**
Specify a valid Email address.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
SWC0300

Message: There is no coredump currently available.
Detailed Description: There is no coredump available to display.
Recommended Response: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWC0301

Message: The specified IP address is not valid.
Detailed Description: The IP address provided is not valid.
Recommended Response: Specify a valid IP Address.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SWC0302

Message: The -s option is not valid with any other option.
Detailed Description: The syntax of the fwupdate command is invalid.
Recommended Response: Refer the help text for fwupdate subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
**SWC0303**

**Message**

The -r option is not valid with any other option.

**Detailed Description**

The syntax of the fwupdate command is invalid.

**Recommended Response**

Refer the help text for fwupdate subcommand.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

No alerts are applicable for this message

**SWC0304**

**Message**

The -g option requires -u to also be specified.

**Detailed Description**

The syntax of the fwupdate command is invalid.

**Recommended Response**

Refer the help text for fwupdate subcommand.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

No alerts are applicable for this message

**SWC0305**

**Message**

The -p option requires -u to also be specified.

**Detailed Description**

The syntax of the fwupdate command is invalid.

**Recommended Response**

Refer the help text for fwupdate subcommand.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>The <code>-a</code> option requires <code>-g</code> and <code>-u</code> to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the <code>fwupdate</code> command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for <code>fwupdate</code> subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Action</td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>The <code>-d</code> option requires <code>-p</code> or <code>-g</code> to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the <code>fwupdate</code> command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for <code>fwupdate</code> subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Action</td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>The <code>-d</code> option requires <code>-g</code> to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the <code>fwupdate</code> command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for <code>fwupdate</code> subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Action</td>
<td>No alerts are applicable for this message</td>
</tr>
<tr>
<td>SWC0309</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>The -p option is not supported with the interface being used.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The platform does not support the specified functionality of fwupdate.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0310</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid syntax. The -f is not valid with the option specified.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0311</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Invalid syntax. The -g option is only valid with -i and -o options.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
<tr>
<td>Message</td>
<td>Invalid syntax. The -u option is not valid with any other options.</td>
</tr>
<tr>
<td>----------</td>
<td>------------------------------------------------------------------</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -h option is not valid with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -o option requires -g to be specified also.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the getconfig command is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the help text for getconfig subcommand.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>
### SWC0315

**Message**: Failed to get object value.

**Detailed Description**: The getconfig subcommand failed to get the object value.

**Recommended Response**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*

### SWC0316

**Message**: The index must be greater than 0.

**Detailed Description**: The value for index must be greater than zero.

**Recommended Response**: Enter a positive value for index.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0317

**Message**: The number of records to display must be greater than zero.

**Detailed Description**: The value for -c must be greater than zero.

**Recommended Response**: Enter a value greater than zero, for the option -c.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
### SWC0318

**Message**
The starting record must be greater than zero.

**Detailed Description**
The value for -s must be greater than zero.

**Recommended Response Action**
Enter a value greater than zero, for the option -s.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0319

**Message**
The -i option is not valid with any other options.

**Detailed Description**
The syntax for the getraclog command is invalid.

**Recommended Response Action**
Refer the help text for getraclog command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### SWC0320

**Message**
Unable to get the number of records available.

**Detailed Description**
Racadm tool failed to get the total number of records.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to open the log for reading.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Could not open the log file for reading.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

<table>
<thead>
<tr>
<th>Message</th>
<th>Starting record specified exceeds number of records available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The starting record value has to be lesser than the number of records available.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Get the number of records available, and then run the command. If the command is gettraceolog, try executing the command again.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

<table>
<thead>
<tr>
<th>Message</th>
<th>Number of records specified exceeds number of records available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The number of records specified to be displayed should be lesser than number of records available.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Get the number of records available, and then run the command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

**No alerts are applicable for this message**

1852
**SWC0324**

**Message**
There are no records available to display.

**Detailed Description**
There are no records to display. This might be a result of the log being cleared.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0325**

**Message**
The specified object is WRITE-ONLY and cannot be displayed.

**Detailed Description**
The requested property is write-only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0700**

**Message**
iDRAC is not ready. The configuration values cannot be accessed. Please retry after a few minutes.

**Detailed Description**
iDRAC7 is not ready or is busy and is not responding to iDRAC7 Settings IPMI requests.

**Recommended Response Action**
Turn off the system, Remove AC. Wait for 5 seconds. Connect AC. Turn it on.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
**SWC0701**

**Message**
Power capping is enabled.

**Detailed Description**
Power capping is enabled and sets user-defined power capping limits for the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0702**

**Message**
Power capping is disabled.

**Detailed Description**
Power capping is disabled and sets recommended limits for the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC0717**

**Message**
iDRAC Local Configuration is disabled. iDRAC Settings are accessed in read-only mode.

**Detailed Description**
For security reasons, the local configuration is disabled. Enable local configuration from the iDRAC Web interface.

**Recommended Response Action**
Enable iDRAC local configuration from iDRAC Web interface.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC0722**

**Message**  Error occurred while resetting to defaults. The reset command was not accepted.

**Detailed Description**  iDRAC is processing a previous reset to default command.

**Recommended Response**  Retry after a few minutes.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 1 (Critical)

*No alerts are applicable for this message*

---

**SWC0723**

**Message**  Error occurred while Resetting to defaults. The Reset status is not available.

**Detailed Description**  iDRAC is not responding to the current Reset status query.

**Recommended Response**  Retry after a few minutes.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 1 (Critical)

*No alerts are applicable for this message*

---

**SWC0724**

**Message**  Error occurred while Resetting to defaults due to a timeout.

**Detailed Description**  Resetting to defaults did not complete within the maximum process alloted time.

**Recommended Response**  Retry after a few minutes.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 1 (Critical)

*No alerts are applicable for this message*
### SWC1903

**Message**
RAC SSL Certificate has been changed.

**Detailed Description**
RAC SSL Certificate has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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### SWC1905

**Message**
RAC Virtual Console configuration has been changed.

**Detailed Description**
RAC Virtual Console configuration has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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SWC1909

Message
User ID arg1 RAC Privilege has been changed.

Arguments
arg1 = username

Detailed Description
The privilege level of the iDRAC User ID indicated in the message has been changed.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

SWC1910

Message
User ID arg1 User Name has been changed.

Arguments
arg1 = username

Detailed Description
User ID Name has been changed.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)
**SWC1911**

**Message**
User ID arg1 User Password has been changed.

**Arguments**
arg1 = username

**Detailed Description**
User ID Password has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**SWC1912**

**Message**
User ID arg1 User Access Right has been changed.

**Arguments**
arg1 = username

**Detailed Description**
User ID Access Right has been changed.

**Recommended Response Action**
No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

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iDRAC

CMC

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
|-------|-----|--------|-----------|-------------|-------|---------------------|

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iDRAC ✔*

CMC

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**SWC1913**

Message: Network Time Protocol configuration is enabled.
Detailed Description: Network Time Protocol configuration is enabled.
Recommended Response: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

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iDRAC

CMC

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
|-------|-----|--------|-----------|-------------|-------|---------------------|

---

iDRAC ✔*

CMC

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**SWC1914**

Message: Network Time Protocol configuration is disabled.
Detailed Description: Network Time Protocol configuration is disabled.
**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

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**SWC1915**

**Message**

iDRAC time zone has changed.

**Detailed Description**

iDRAC time zone has changed.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

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</table>

**SWC1916**

**Message**

Network Time Protocol server configuration has changed.
Detailed Description
Network Time Protocol server configuration has changed.

Recommended Response Action
No response action is required.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

Filter Visibility

<table>
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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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</table>

**SWC1917**

Message
HTTPS redirection is disabled.

Detailed Description
HTTP to HTTPS redirection is disabled. Any iDRAC connection made over the HTTP port (default port number 80) will no longer be redirected to the secure HTTPS port (default port number 443). This will make the connections insecure as the data transmitted over the port is no longer encrypted.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

Filter Visibility

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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</tbody>
</table>
**SWC1918**

**Message**
HTTPS redirection is enabled.

**Detailed Description**
HTTP to HTTPS redirection is enabled. Any iDRAC connection made over the HTTP port (default port number 80) will be redirected to the secure HTTPS port (default port number 443).

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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</table>

**SWC1920**

**Message**
The Chassis Management at Server Mode is enabled.

**Detailed Description**
The Chassis Management at Server Mode is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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SWC1921

Message: The Chassis Management at Server Mode is disabled.

Detailed Description: The Chassis Management at Server Mode is disabled.

Recommended Response Action: No response action is required.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

1863
Unable to modify the server configuration by using Quick Sync because invalid credentials are entered.

The server configuration cannot be modified by using Quick Sync because invalid credentials are entered.

Make sure that correct user name and password are entered, and then retry the operation.

Audit (SWC = Software Config)

Severity 2 (Warning)

Unable to modify the server configuration by using Quick Sync.

The server configuration cannot be modified by using Quick Sync because issues were found with the configuration information.

Review the server configuration operation results and correct any issues detected, then retry the operation.

Audit (SWC = Software Config)
SWC1925

Message: The iDRAC Quick Sync access feature is set to the Disabled mode.

Detailed Description: The iDRAC Quick Sync access feature is set to the Disabled mode.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

SWC1926

Message: The iDRAC Quick Sync interface is enabled.

Detailed Description: The iDRAC Quick Sync interface is enabled.

Recommended Response Action: No response action is required.
**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

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**SWC1927**

**Message**  
The iDRAC Quick Sync access feature is set to the read-only mode.

**Detailed Description**  
The iDRAC Quick Sync access feature is set to the read-only mode.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

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**SWC1928**

**Message**  
The iDRAC Quick Sync access feature is set to the read-write mode.

**Detailed Description**  
The iDRAC Quick Sync access feature is set to the read-write mode.
Recommended Response Action
No response action is required.

Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)

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iDRAC ✔*
CMC

SWC1929

Message The iDRAC Quick Sync inactivity timeout value is set to arg1.
Arguments arg1 = timeout period
Detailed Description The iDRAC Quick Sync inactivity timeout value is set to the value identified in the message.
Recommended Response Action No response action is required.
Category Configuration (SWC = Software Config)
Severity Severity 3 (Informational)

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iDRAC ✔*
CMC

SWC1930

Message The iDRAC Quick Sync inactivity timeout feature is enabled.
**Detailed Description**
The iDRAC Quick Sync feature is set to automatically disable after a specified inactivity time.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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**SWC1931**

**Message**
The iDRAC Quick Sync inactivity timeout configuration is disabled.

**Detailed Description**
The iDRAC Quick Sync inactivity timeout configuration is disabled. The iDRAC Quick Sync feature will remain available after pressing the activate button.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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1868
**SWC4004**

**Message**: A firmware or software incompatibility detected between iDRAC in slot arg1 and CMC.

**Arguments**  
arg1 = number

**Detailed Description**: FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response Action**: Check firmware versions of iDRAC and CMC. Update to latest version.

**Category**: System Health (SWC = Software Config)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 2338

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**SWC4005**

**Message**: A firmware or software incompatibility was corrected between iDRAC in slot arg1 and CMC.

**Arguments**  
arg1 = number

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2339
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**SWC4006**

**Message**
A firmware or software incompatibility detected between system BIOS in slot `arg1` and CMC.

**Arguments**
`arg1` = number

**Detailed Description**
FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response**
Check firmware versions of BIOS and CMC. Update to latest version.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2338

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**SWC4007**

**Message**
A firmware or software incompatibility was corrected between system BIOS in slot `arg1` and CMC.

**Arguments**
`arg1` = number

**Detailed Description**
None
### SWC4008

**Message**
A firmware or software incompatibility detected between CMC 1 and CMC 2.

**Detailed Description**
FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response Action**
Check firmware versions. Update CMC 1 and CMC 2 firmware to match.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2338

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**Recommended**
No response action is required.

**Response Action**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2339
**SWC4009**

**Message**
A firmware or software incompatibility was corrected between CMC 1 and CMC 2.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
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**SWC4010**

**Message**
arg1 arg2 in Server- arg3 requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions.

**Arguments**
arg1 = network device name, arg2 = network device location, arg3 = server location

**Detailed Description**
The current CMC firmware does not support the ARI Mode advanced features available in the network device on the server identified in the message.

**Recommended Response**
Update the CMC firmware to the latest version and to enable access to the advanced features available in the network device.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWC4011**

**Message**
A firmware or software incompatibility is automatically corrected between the arg1 arg2 in Server- arg3 and the Chassis Management Controller (CMC).

**Arguments**
arg1 = network device name, arg2 = network device location, arg3 = server location

**Detailed Description**
A firmware or software incompatibility was automatically corrected between the network device in the Server identified in the message and the Chassis Management Controller (CMC).

**Recommended Response Action**
No response action is required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

---

**SWC4012**

**Message**
A firmware or software incompatibility is detected between arg1 arg2 and arg3 arg4.

**Arguments**
arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

**Detailed Description**
The system has detected a firmware or software incompatibility between the components identified in the message. A mismatch between component versions may cause the system to not function appropriately.

**Recommended Response Action**
Update the firmware or software of the components identified in the message. For information about the identified components, see the product documentation available at the service provider support site.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2337

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SWC4013

Message: A firmware or software incompatibility was corrected between arg1 and arg2.

Arguments: arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

Detailed Description: A firmware or software incompatibility was corrected between the components identified in the message.

Recommended Response Action: No response action is required.

Category: System Health (SWC = Software Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2339

Filter Visibility:
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

SWC5000

Message: arg1 upgrade was successful.

Arguments: arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SWC = Software Config)
Severity

Severity 3 (Informational)

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iDRAC ✔
CMC

SWC5001

Message          arg1 upgrade failed.
Arguments        arg1 = name
Detailed Description None
Recommended Response Reboot the system and attempt the upgrade again.
Category          System Health (SWC = Software Config)
Severity          Severity 1 (Critical)

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iDRAC ✔
CMC

SWC5002

Message          arg1 upgrade was successful but encountered minor errors.
Arguments        arg1 = name
Detailed Description None
Recommended Response Action

Check system logs for minor errors.

Category
System Health (SWC = Software Config)

Severity
Severity 2 (Warning)

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**SWC5003**

**Message**
System Controller (SC) has either stopped functioning or is updating a firmware version.

**Detailed Description**
The System Controller (SC) has either stopped functioning or is updating a firmware version.

**Recommended Response Action**
Make sure that the System Controller is functioning.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SWC5004**

**Message**
System Controller (SC) has restarted functioning.

**Detailed Description**
System Controller (SC) has started functioning again because either a server health issue is resolved or SC has completed a firmware update process.

**Recommended Response Action**
No response action required.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
**SWC5005**

**Message**
Unable to update the System Controller (SC) firmware

**Detailed Description**
The System Controller (SC) firmware cannot be updated. For information about the causes, see SEL Event Data Byte 2.

**Recommended Response**
Retry the SC firmware update operation. If the issue persists, try updating by using a different firmware update file.

**Category**
Updates (SWC = Software Config)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

**SWC5006**

**Message**
System Controller (SC) Firmware Update Successful

**Detailed Description**
System Controller (SC) reported a successful Firmware Update

**Recommended Response**
No response action required.

**Category**
Updates (SWC = Software Config)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SWC8500**

**Message**
Unable to generate Profile with \[arg1\] settings.

**Arguments**
arg1 = number of entries

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running “racadm getversion” to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
Unable to generate Profile.

Unable to communicate with iDRAC.

Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Configuration (SWC = Software Config)

Severity 1 (Critical)

A Profile is successfully generated with \[ arg1 \] settings.

arg1 = settings count

A Profile is successfully generated with the number of settings identified in the message.

No response action is required.
SWC8503

Message  
arg1 Profile is renamed to arg2

Arguments  
arg1 = profile name, arg2 = new profile name

Detailed Description  
The Profile identified in the message has been renamed.

Recommended Response Action  
No response action is required.

Category  
Configuration (SWC = Software Config)

Severity  
Severity 3 (Informational)

SWC8504

Message  
arg1 Profile renamed to arg2 and description edited.

Arguments  
arg1 = profile name, arg2 = new profile name

Detailed Description  
The Profile identified in the message was renamed and the description for the Profile was edited.
Recommended Response Action

No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC |

SWC8505

Message
arg1 Profile description edited.

Arguments
arg1 = profile name

Detailed Description
The description for the Profile identified in the message was edited.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ |
CMC |

SWC8506

Message
arg1 Profile deleted.

1880
**Arguments**

**arg1** = profile name

**Detailed Description**
The Profile identified in the message has been deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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**Message**
arg1 Profile created.

**Arguments**

**arg1** = profile name

**Detailed Description**
A new Profile identified in the message has been created.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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</table>
**SWC8508**

**Message**
Unable to capture Profile from server in slot `arg1`

**Arguments**
`arg1` = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

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**LC Log**
- ✔️

**SWC8509**

**Message**
Unable to apply `arg1` Profile to server in slot `arg2`

**Arguments**
`arg1` = profile name, `arg2` = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server identified in the message may have additional information about the inability of the iDRAC to apply Profile settings.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
Unable to apply arg1 Profile to requested Server(s)

Arguments: arg1 = profile name

Detailed Description: Unable to communicate with the iDRAC of the requested Server.

Recommended Response: Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server may have additional information about the inability of the iDRAC to apply Profile settings.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

User arg1 was successfully added

Arguments: arg1 = user name

Detailed Description: The user name identified in the message was added successfully.
Recommended Response Action

No response action is required.

Category Audit (SWC = Software Config)

Severity Severity 3 (Informational)

---

**SWC8512**

**Message**
Unable to add User arg1 : arg2 - arg3

**Arguments**
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**
Unable to add user name identified in the message. The reason for this issue is described with the error code in the message.

**Recommended Response Action**
Correct the error described in the message and retry the operation after a few minutes.

**Category** Audit (SWC = Software Config)

**Severity** Severity 2 (Warning)

---

**SWC8513**

**Message**
Successfully deleted User arg1.
Arguments  
*arg1* = user name

Detailed Description  
The user name identified in the message was successfully deleted.

Recommended Response  
No response action is required.

Category  
Audit (SWC = Software Config)

Severity  
Severity 3 (Informational)

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**SWC8514**

Message  
Unable to delete User *arg1* : *arg2* - *arg3*

Arguments  
*arg1* = user name, *arg2* = error code, *arg3* = error message

Detailed Description  
Unable to delete the user name identified in the message.

Recommended Response  
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

Category  
Audit (SWC = Software Config)

Severity  
Severity 2 (Warning)

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</table>
**SWC8515**

**Message**  
Successfully modified privileges of User arg1.

**Arguments**  
arg1 = user name

**Detailed Description**  
Successfully modified privileges of User identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

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**SWC8516**

**Message**  
Unable to modify privileges of User arg1: arg2 - arg3

**Arguments**  
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**  
Unable to modify privileges of the User identified in the message.

**Recommended Response Action**  
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

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**SWC8517**

**Message**  
Successfully modified password of User arg1.

**Arguments**  
arg1 = user name

**Detailed Description**  
Successfully modified the password for the User identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

---

**SWC8518**

**Message**  
Unable to modify password of User arg1: arg2 = arg3

**Arguments**  
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**  
Unable to modify the password of the User identified in the message.

**Recommended Response Action**  
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name and password given are valid. If the issue persists, restart the CMC and retry the operation.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 2 (Warning)
**SWC8519**

**Message**  Successfully modified user name from arg1 to arg2.

**Arguments**  
arg1 = original user name,  
arg2 = new user name

**Detailed Description**  The user name identified in the message was successfully modified.

**Recommended Response Action**  No response action is required.

**Category**  Audit (SWC = Software Config)

**Severity**  Severity 3 (Informational)

**SWC8520**

**Message**  Unable to modify user name from arg1 to arg2:  
arg3 - arg4

**Arguments**  
arg1 = original user name,  
arg2 = new_user name,  
arg3 = error code,  
arg4 = error message

**Detailed Description**  Unable to modify the user name specified in the message.
Recommended Response Action
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

Category Audit (SWC = Software Config)
Severity Severity 2 (Warning)

---

**SWC8521**

Message Unable to modify timeout for session: arg1 : arg2 - arg3
Arguments *arg1 = SER/TEL/SSH/GUI/RAC/KVM/ERR, arg2 = error code, arg3 = error message
Detailed Description Unable to modify the timeout for the session.
Recommended Response Action Make sure: 1) The login credentials for the operation have chassis config administration privilege, 2) The session timeout given is valid. If the issue persists, restart the CMC and retry the operation.
Category Audit (SWC = Software Config)
Severity Severity 3 (Informational)

---

**SWC8522**

Message Chassis Group Leader update of member arg1 configuration successful.
Arguments

**arg1** = member id

Detailed Description
Successfully completed a configuration sync with the member identified in the message.

Recommended Response Action
No response action required.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

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**SWC8523**

Message
Unable to complete Chassis Group Leader update of member **arg1**.

Arguments
**arg1** = DNS or IP address

Detailed Description
Unable to complete a configuration sync with the member identified in the message.

Recommended Response Action
Check the communications between the Chassis Group Leader and the member. Run the RACADM command "racadm ping <DNS or IP address>" to check the communications. If the communications are not functional, resolve the communications issue. If the communications are functional, remove the member from the group and re-add the member. If the issue persists, contact your service provider.

Category
Audit (SWC = Software Config)

Severity
Severity 1 (Critical)

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1890
Unable to add arg1 to Chassis Group because a member already exists with the same addressing information.

Arguments  
arg1 = target

Detailed Description  
A Chassis Group member already exists with the same hostname or IP address information as the target identified in the message.

Recommended Response Action  
No response action is required.

Category  
Audit (SWC = Software Config)

Severity  
Severity 3 (Informational)

Unable to add member to Chassis Group. Maximum members supported is arg1.

Arguments  
arg1 = maximum number of members

Detailed Description  
Unable to add member because the maximum number of Chassis Group members indicated in the message has been reached.

Recommended Response Action  
Try removing an existing member and retry the operation.

Category  
Audit (SWC = Software Config)

Severity  
Severity 3 (Informational)
Unable to delete Chassis Group member arg1 (arg2)

Arguments
- **arg1** = member id,
- **arg2** = DNS or IP address of member

Detailed Description
Unable to delete Chassis Group member identified in the message. Another user may have deleted the member before the operation or the group may have been disbanded.

Recommended Response
Make sure the member identified in the message exists as a member of the Chassis Group. Use the CMC web interface to select the lead chassis, select the setup tab, and then select the group administration sub tab and check if the member exists. If the member exists, restart the group leader and retry the operation.

Category
Audit (SWC = Software Config)

Severity
Severity 2 (Warning)

Chassis Management Controller is unable to update the iDRAC user name to "root".

Detailed Description
Chassis Management Controller unable to update the IDRAC root user username as root. This can happen if the communication to the iDRAC from CMC is non-functional or if the username supplied is not valid.
Recommended Response: Make sure the user name is valid. If communication with iDRAC is not successful, reset the iDRAC. Retry the operation after a few minutes.

Category: Audit (SWC = Software Config)
Severity: Severity 3 (Informational)

Message: Chassis Management Controller is unable to update the iDRAC root password.

Detailed Description: The Chassis Management Controller is unable to update the iDRAC "root" user password. This can happen if the communication to the iDRAC from CMC is non-functional or if the password entered is not valid.

Recommended Response: Make sure the password is valid. If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

Category: Audit (SWC = Software Config)
Severity: Severity 3 (Informational)
**SWC8529**

**Message**
Chassis Management Controller unable to enable the iDRAC root user.

**Detailed Description**
The Chassis Management Controller is unable to enable the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

**Recommended Response**
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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**SWC8530**

**Message**
Chassis Management Controller unable to set administrator access to the iDRAC root user.

**Detailed Description**
The Chassis Management Controller is unable to set the server administrator access to the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or the iDRAC is rebooting.

**Recommended Response**
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)
SWC8531

Message
The Chassis Management Controller is unable to set the administrator role for the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

Recommended Response
If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number>" to check the communications. If the communications are non-functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

SWC8532

Message
Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs.

Detailed Description
The starting IP address specified cannot accommodate all the servers. The starting iDRAC IPv4 Address specifies the static IPv4 address of the iDRAC located in the first slot. The static IPv4 address of each subsequent iDRAC is calculated as a slot number increment of this IPv4 address.
SWC8533

Message
Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file.

Detailed Description
The delete all keys for service accounts for all slots operation did not complete successfully due to problems encountered while saving the key file.

Recommended Response
Retry the operation. If the issue persists, contact your service provider.

Category
Audit (SWC = Software Config)

Severity
Severity 2 (Warning)

SWC8534

Message
All keys deleted for all slots of service account.
Detailed Description: All keys saved in the Chassis Management Controller for PK SSH Authentication are deleted.

Recommended Response Action: No response action is required.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

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**SWC8535**

Message: Unable to add key for slot `arg1` of service account, due to problem saving key file.

Arguments: `arg1` = slot number

Detailed Description: Public Key (PK) SSH Authentication key file upload did not complete successfully because Chassis Management Controller is unable to access the configuration database.

Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

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1897
SWC8536

Message  Unable to add key for slot arg1 of service account, due to corrupt key.
Arguments  arg1 = slot number
Detailed Description  The add key operation did not complete successfully for the slot identified in the message due to the key being invalid or corrupt.
Recommended Response Action  Retry the operation. If the issue persists, contact your service provider.
Category  Audit (SWC = Software Config)
Severity  Severity 3 (Informational)

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SWC8537

Message  Unable to add key for slot arg1 of service account, due to the key being too long.
Arguments  arg1 = slot number
Detailed Description  The add key operation did not complete successfully for the slot identified in the message due to the key being too long.
Recommended Response Action  Retry the operation. If the issue persists, contact your service provider.
Category  Audit (SWC = Software Config)
Severity  Severity 3 (Informational)

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### SWC8538

**Message**
Unable to delete key for slot `arg1` of service account, due to problem saving key file.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file delete operation did not complete successfully because the Chassis Management Controller is unable to access the configuration database.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

### Filter Visibility

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### SWC8539

**Message**
The key delete operation successfully completed for slot `arg1` of service account.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file delete operation is successfully completed for the slot identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)
**Message**
The add key operation successfully completed for slot arg1 of service account.

**Arguments**
arg1 = slot number

**Detailed Description**
The Public Key (PK) SSH Authentication key file is successfully uploaded to the Chassis Management Controller.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

---

**Message**
The Profile arg1 is imported.

**Arguments**
arg1 = profile name

**Detailed Description**
The Profile identified in the message is imported.

**Recommended Response Action**
No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Visibility**
- iDRAC ✔
- CMC ✔

**SWC8542**

**Message**
The Profile arg1 is exported.

**Arguments**
arg1 = profile name

**Detailed Description**
The Profile identified in the message is exported.

**Recommended Response**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**Visibility**
- iDRAC ✔
- CMC ✔

**SWC8600**

**Message**
The selected profile was not applied to arg1.

**Arguments**
arg1 = server list

**Detailed Description**
The profile version must be compatible with the server generation and Lifecycle Controller firmware version.
Recommended Response Action
Make sure that profile versions are compatible with target servers when attempting application of profiles to servers.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

### SWC8601

**Message**
Quick Deploy Profile unable to apply profile *arg1* to server *arg2*

**Arguments**
*arg1* = profile name, *arg2* = server number

**Detailed Description**
The source profile is not correct in form or content.

**Recommended Response Action**
Recreate source profile or choose a different one.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

### SWC8602

**Message**
Quick Deploy Profile for server *arg1* was not successful.
Arguments

**arg1** = server number

Detailed Description

The system is busy with other operations. The feature was unable to get mutex.

Recommended Response

Retry the operation. If the issue persists, make sure any other operations have completed and then retry the operation.

Category

Configuration (SWC = Software Config)

Severity

Severity 2 (Warning)

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**SWC8603**

Message

Unable to apply profile to server **arg1** using Quick Deploy feature, because the CSIOR feature on Server **arg2** is disabled.

Arguments

**arg1** = slot number, **arg2** = slot number

Detailed Description

The selected profile cannot be applied to the server identified in the message, because the Collect System Inventory On Restart (CSIOR) feature on the server is disabled.

Recommended Response

Make sure that CSIOR on the server identified in the messages is enabled and retry the operation. For 11th generation servers, to enable CSIOR, restart the server, and select the Ctrl-E setup. Select System Services, and enable CSIOR. For 12th generation servers, to enable CSIOR using Lifecycle Controller GUI, restart the server, click <F2> when the companys logo is displayed. On the iDRAC Settings page, click Lifecycle Controller, and enable CSIOR.

Category

Configuration (SWC = Software Config)

Severity

Severity 2 (Warning)

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### SWC8604

**Message**
Quick Deploy Profile: Server arg1 does not support configuration using profiles.

**Arguments**
arg1 = server number

**Detailed Description**
The target server identified in the message does not support server configuration using profiles.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

### SWC8605

**Message**
Quick Deploy Profile: Server arg1 generation information is not recognized.

**Arguments**
arg1 = server number

**Detailed Description**
Information about the server identified in the message is not recognized.

**Recommended Response Action**
Restart the Chassis Management Controller (CMC) and retry the operation. The CMC can be restarted by using the Web UI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then select the Reset/Failover CMC button. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)
Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server arg1.

Arguments
arg1 = server number

Detailed Description
The server identified in the message never reported that remote services were ready.

Recommended Response
Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web UI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then select Virtual Reseat from the drop down operation for the server identified in the message.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)
### Detailed Description
The Quick Deploy of Profile process has started for the server identified in the message.

### Recommended Response Action
No response action is required

### Category
Configuration (SWC = Software Config)

### Severity
Severity 3 (Informational)

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### SWC8608

#### Message
Server Profiles: unable to access server: arg1 for operation [ arg2 ] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

#### Arguments
arg1 = slot number, arg2 = wsman operation

#### Detailed Description
The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

#### Recommended Response Action
Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview -> Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.

#### Category
Configuration (SWC = Software Config)

#### Severity
Severity 2 (Warning)

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### SWC8609

**Message**
Server Profiles: unknown response received from server: \( \text{arg}_1 \) for operation \( \text{arg}_2 \) because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Arguments**
- \( \text{arg}_1 \) = slot number,
- \( \text{arg}_2 \) = wsman_operation

**Detailed Description**
The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

**Recommended Response**
Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview -> Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

### SWC8610

**Message**
Job ID: \( \text{arg}_1 \). CMC sent all settings of profile \( \text{arg}_2 \) to Server (Service Tag: \( \text{arg}_3 \)) in Slot \( \text{arg}_4 \).

**Arguments**
- \( \text{arg}_1 \) = job ID,
- \( \text{arg}_2 \) = profile name,
- \( \text{arg}_3 \) = service tag,
- \( \text{arg}_4 \) = slot number

**Detailed Description**
All settings of the selected profile were sent to the server identified in the message and the operation is captured in the job identified in the message.
Recommended Response Action

No response action is required.

Category

Configuration (SWC = Software Config)

Severity

Severity 3 (Informational)

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**SWC8611**

**Message**

Profile "arg1" and Server (Service Tag: arg2 in Slot arg3) are not compatible.

**Arguments**

arg1 = profile name, arg2 = service tag, arg3 = slot number

**Detailed Description**

CMC cannot perform the server profile application because the selected profile version and the server identified in the message are not compatible.

**Recommended Response Action**

Make sure to select the correct version of the profile and/or server, and then retry the operation.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

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**SWC8612**

**Message**

Unable to fully extract boot device information from profile: arg1.
Arguments

arg1 = profile name

Detailed Description

The profile identified in the message does not contain boot device information in a usable format.

Recommended Response Action

Recreate the profile identified in the message or use a different profile.

Category

Configuration (SWC = Software Config)

Severity

Severity 2 (Warning)

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**SWC8613**

Message

Unable to fully extract arg1 boot list settings from the profile.

Arguments

arg1 = boot list name

Detailed Description

The selected profile does not contain setting information for the boot list identified in the message in a usable format.

Recommended Response Action

Recreate the profile or use a different profile.

Category

Configuration (SWC = Software Config)

Severity

Severity 2 (Warning)

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**SWC8614**

**Message**
Legacy profile setting: `arg1` is not recognized.

**Arguments**
`arg1` = attribute name

**Detailed Description**
The setting identified in the message is not recognized because the profile is not in a usable format or contains settings that are no longer supported.

**Recommended Response Action**
Recreate the profile or use a different profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

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</table>

**SWC8615**

**Message**
Profile is successfully generated.

**Detailed Description**
A profile was successfully generated from a server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

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**SWC8616**

**Message**  
Server in slot arg1 is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The server identified in the message cannot be accessed remotely by iDRAC because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.

**Recommended Response Action**  
Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web GUI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then selecting Virtual Reseat from the drop down menu.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

---

**SWC8617**

**Message**  
Server Profiles: request arg1 for server in slot arg2 was unsuccessful. Returned fault: arg3.

**Arguments**  
arg1 = wsman method, arg2 = slot number, arg3 = wsman fault

**Detailed Description**  
The request by the WS-Man method identified in the message for the server in slot identified slot is unsuccessful.
Recommended Response Action
Make sure that iDRAC is ready and system is functioning properly. Run the RACADM command "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until iDRAC is ready for use. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

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**SWC8618**

Message
Server Profiles: request \textit{arg1} for server in slot \textit{arg2} was unsuccessful. Message ID \textit{arg3}. Returned fault: \textit{arg4}.

Arguments
\textit{arg1} = wsman method, \textit{arg2} = slot number, \textit{arg3} = message id, \textit{arg4} = wsman fault

Detailed Description
The request for the WS-Man method identified in the message for server in slot identified slot is unsuccessful.

Recommended Response Action
Make sure that iDRAC is ready and system is functioning correctly. run the RACADM command at the command line interface (CLI), "racadm getversion" to list all the servers and make sure that the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

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</table>
**SWC8619**

**Message**
The Chassis Management Controller is unable to process data from the server in slot `arg1`.

**Arguments**
`arg1 = slot id`

**Detailed Description**
The Chassis Management Controller (CMC) is unable to process inventory data from the server in the slot identified in the message. This can happen if: 1) There is a communications issue between the CMC and the iDRAC on the server identified in the message. 2) Incorrect firmware is installed on network cards. 3) Incorrect firmware is installed on the server iDRAC. 4) There is no free temporary storage in the CMC.

**Recommended Response**
Do the following and retry the operation: 1) Make sure the latest firmware is installed on the network cards and iDRAC on the server identified in the message. 2) Reset the Chassis Management Controller. 3) Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

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**SWC8620**

**Message**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot `arg1`.

**Arguments**
`arg1 = slot id`

**Detailed Description**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot identified in the message.

**Recommended Response**
Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)
SWC8621

**Message**

The Chassis Management Controller is unable to process inventory data from the server in slot `arg1`.

**Arguments**

`arg1` = slot id

**Detailed Description**

The Chassis Management Controller (CMC) is unable to process inventory data from the server slot identified in the message. This can happen if there is no free temporary storage in CMC.

**Recommended Response**

Restart the Chassis Management Controller (CMC). To restart the CMC, start an SSH session to the CMC and enter the command “racadm racreset”. Wait for the CMC to finish restarting and check if the inventory data is collected. If the issue persists, contact your service provider.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 2 (Warning)

SWC8622

**Message**

Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot `arg1`.

**Arguments**

`arg1` = slot number
**Detailed Description**
The remote network share settings are accessible on the CMC web interface at Server Overview/Setup/Remote Network Share tab. These settings must be correct for the CMC to connect to the remote network share and perform the application of the profile as specified in the Quick Deploy tab on the Profiles page.

**Recommended Response**
Make sure that the remote network share settings in the CMC are correct and that the remote share NFS/CIFS server is functioning correctly. Use the "Test Network" button in the CMC Web interface to make sure that the CMC can access the remote share.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

---

### SWC8623

**Message**
Unable to save the I/O Aggregator configuration in arg1.

**Arguments**
arg1 = slot id

**Detailed Description**
The current configuration details of IOA in the slot identified in the message could not be saved to its startup configuration.

**Recommended Response**
Power-cycle the IOA and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10530
The network communication session between CMC and I/O Aggregator cannot be started on `arg1`.

**Arguments**

`arg1` = slot id

**Detailed Description**

The network communication session between CMC and I/O Aggregator (IOA) cannot be started because the IOA did not respond.

**Recommended Response Action**

Power-cycle the IOA and retry the operation.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

10529

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1916
SWU Event Messages

SWU001

Message: The expander or storage enclosure processor firmware is successfully updated.

Detailed Description: The expander or storage enclosure processor firmware is successfully updated.

Recommended Response Action: No response action is required.

Category: Storage (SWU = Software Change)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

SWU002

Message: The backplane firmware update did not complete successfully.

Detailed Description: The expander or storage enclosure processor firmware update did not complete successfully.

Recommended Response Action: Check the Storage Enclosure Backplane type and the Firmware version and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.

Category: Storage (SWU = Software Change)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

SWU8500

Message: The \texttt{arg1} request to Lifecycle Controller on server \texttt{arg2} was not successful.

Arguments: \texttt{arg1} = update/reinstall/rollback, \texttt{arg2} = slot number

Detailed Description: This message is displayed when: 1. A reboot job is unable to provide a valid reboot ID. 2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.

Recommended Response Action: Retry the operation. If the error persists, contact your service provider.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)
**SWU8501**

**Message**
The reinstall/rollback request to Lifecycle Controller on server arg1 was not successful.

**Arguments**
arg1 = slot number

**Detailed Description**
This message is displayed when: 1. A reboot job is unable to provide a valid reboot ID. 2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.

**Recommended Response Action**
Retry the operation. If the error persists, contact your service provider.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

---

**SWU8502**

**Message**
A arg1 request was submitted to the Lifecycle Controller on server arg2.

**Arguments**
arg1 = update/reinstall/rollback, arg2 = slot number

**Detailed Description**
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.
Recommended Response Action

No response action required.

Category

Updates (SWU = Software Change)

Severity

Severity 3 (Informational)

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</table>

**SWU8503**

**Message**

A reinstall/rollback request was submitted to the Lifecycle Controller on server arg1.

**Arguments**

arg1 = slot number

**Detailed Description**

The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**

No response action required.

**Category**

Updates (SWU = Software Change)

**Severity**

Severity 3 (Informational)

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</table>
**SWU8504**

**Message**  
Successfully scheduled the \textit{arg1} operation on the server \textit{arg2}.

**Arguments**  
\textit{arg1} = update/reinstall/rollback, \textit{arg2} = slot number

**Detailed Description**  
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**  
No response action required.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 3 (Informational)

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**SWU8505**

**Message**  
Successfully scheduled the reinstall/rollback operation on the server \textit{arg1}.

**Arguments**  
\textit{arg1} = slot number

**Detailed Description**  
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**  
No response action required.

**Category**  
Updates (SWU = Software Change)

**Severity**  
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**SWU8506**

**Message**
Completed the Firmware update operation for CMC arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
Completed the Firmware update operation for the CMC identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

---

**SWU8513**

**Message**
Successfully updated the IOM infrastructure firmware of slot arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The firmware update operation of IOM infrastructure is successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)
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### SWU8514

**Message**
Unable to update the IOM infrastructure firmware of slot arg1. ErrorCode=0x arg2.

**Arguments**
- **arg1** = slot number
- **arg2** = error no

**Detailed Description**
The IOM infrastructure firmware update operation is not successful.

**Recommended Response**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

### SWU8515

**Message**
Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x arg1.

**Arguments**
- **arg1** = error no

**Detailed Description**
The IOM firmware update operation was not successful. Unable to initiate the Update process.
**Recommended Response**
Retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**Message**
Unable to update the iDRAC firmware on the server in slot \texttt{arg1}. Transfer is not successful. ErrorCode=0x \texttt{arg2}.

**Arguments**
\texttt{arg1} = slot number, \texttt{arg2} = error no

**Detailed Description**
iDRAC firmware update operation was not successful. The firmware Image file could not be transferred.

**Recommended Response**
Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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</table>
### SWU8517

**Message**
Unable to update the iDRAC firmware on the server in slot arg1. The Image file is not accessible. ErrorCode=0x arg2.

**Arguments**
arg1 = slot number, arg2 = error no

**Detailed Description**
Unable to update the iDRAC firmware. The firmware Image file is not accessible.

**Recommended Response**
Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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### SWU8518

**Message**
The firmware update operation on the iDRAC on the server in slot arg1 is stopped.

**Arguments**
arg1 = slot number

**Detailed Description**
The server was pulled out from the chassis during the iDRAC firmware update operation.

**Recommended Response**
Reinsert the server and retry the operation. If the issue persists, contact your service provider.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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</table>
**SWU8519**

**Message**
The firmware update operation of the iDRAC on the server in slot `arg1` is stopped. The Image file is corrupted.

**Arguments**
`arg1` = slot number

**Detailed Description**
The iDRAC firmware update operation was stopped, because the Image file is corrupted.

**Recommended Response**
Reacquire the Image file from the original source, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

---

**SWU8520**

**Message**
The firmware update operation of the iDRAC on the server in slot `arg1` is not successful.

**Arguments**
`arg1` = slot number

**Detailed Description**
The firmware update operation of the iDRAC identified in the message is not successful.

**Recommended Response**
Reacquire the Image file from the original source, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)
The firmware update operation of the iDRAC on the server in slot arg1 was stopped. The selected Image file is not compatible with the server hardware.

Arguments
arg1 = slot number

Detailed Description
The firmware update operation of iDRAC identified in the message was stopped. The selected Image file is not compatible with the server hardware.

Recommended Response
Make sure that the Image file is compatible with the server hardware, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

---

Unable to update the iDRAC on the server in arg1 firmware: ErrorCode=0x arg2 .

Arguments
arg1 = slot number, arg2 = error no

Detailed Description
The firmware update operation is not successful.
**Recommended Response Action**

Reacquire the Image file from the original source, and then retry the operation.

**Category**

Updates (SWU = Software Change)

**Severity**

Severity 2 (Warning)

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**SWU8523**

**Message**

The firmware update operation of the iDRAC on the server in slot arg1 is successfully completed.

**Arguments**

arg1 = slot number

**Detailed Description**

The firmware update operation of the iDRAC identified in the message is successful.

**Recommended Response Action**

No response action is required.

**Category**

Updates (SWU = Software Change)

**Severity**

Severity 3 (Informational)

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</table>
**SWU8524**

**Message**
Unable to update the iDRAC on the server in slot `arg1` firmware: ErrorCode=0x `arg2`.

**Arguments**
`arg1` = slot number, `arg2` = error number

**Detailed Description**
The firmware update operation is not successful. This may be due to a problem encountered by the firmware, or because a server was removed during the firmware update operation.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**SWU8525**

**Message**
Unable to update the iDRAC firmware on the server in slot `arg1`. The firmware update timeout limit is exceeded.

**Arguments**
`arg1` = slot number

**Detailed Description**
The firmware update operation is not successful. The update process was not completed within the firmware update timeout duration.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)
The firmware update operation of the iDRAC on the server in slot arg1 is initiated.

Arguments
arg1 = slot number

Detailed Description
The firmware update operation of iDRAC identified in the message is initiated.

Recommended Response Action
No response action is required.

Category
Updates (SWU = Software Change)

Severity
Severity 3 (Informational)

Successfully completed the iKVM firmware update.

Detailed Description
The iKVM firmware update operation is successful.

Recommended Response Action
No response action is required.

Category
Updates (SWU = Software Change)
Severity 3 (Informational)

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**SWU8528**

**Message**
Unable to update the iKVM firmware, because of a checksum error.

**Detailed Description**
The process of iKVM firmware update is not successful due to a checksum error of the firmware image.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**SWU8529**

**Message**
Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target.

**Detailed Description**
The iKVM firmware update operation was not successful, because the firmware Image file could not be transferred to the target.

**Recommended Response Action**
Make sure that the iKVM firmware Image file is available at the specified location, and then retry the operation.
**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
---|---|---|---|---|---

**iDRAC**

**CMC**

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**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---|---

**iDRAC** ✔

**CMC** ✔

---

**Message**
Unable to update the iKVM firmware.

**Detailed Description**
The process for iKVM firmware update was not successful.

**Recommended Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
---|---|---|---|---|---

**iDRAC**

**CMC**

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**Filter Visibility** | **LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---|---

**iDRAC** ✔

**CMC** ✔

---

**Message**
Unable to update the iKVM firmware. The firmware update timeout limit is exceeded.

**Detailed Description**
The firmware update operation is not successful, because the Update process was not completed within the firmware update timeout duration.
Recommended Response Action
Retry the operation.

Category Updates (SWU = Software Change)
Severity Severity 2 (Warning)

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC ✔ | ✔| ✔| ✔| ✔| ✔
CMC ✔ | ✔| ✔| ✔| ✔| ✔

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Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC ✔ | ✔| ✔| ✔| ✔| ✔| ✔
CMC ✔ | ✔| ✔| ✔| ✔| ✔| ✔

---

SWU8532

Message Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=0x \(\text{arg}_1\).

Arguments \(\text{arg}_1 = \text{error no}\)

Detailed Description The LKVM firmware update operation is not successful, because an invalid parameter is entered.

Recommended Response Action Retry the operation.

Category Updates (SWU = Software Change)
Severity Severity 2 (Warning)

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC ✔ | ✔| ✔| ✔| ✔| ✔
CMC ✔ | ✔| ✔| ✔| ✔| ✔

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Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---|---
iDRAC ✔ | ✔| ✔| ✔| ✔| ✔| ✔
CMC ✔ | ✔| ✔| ✔| ✔| ✔| ✔
**SWU8533**

**Message**
Unable to update the LKVM firmware, because the target is not ready.

**ErrorCode**=0x \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{error no} \)

**Detailed Description**
The LKVM firmware update operation is not successful, because the target is not ready.

**Recommended Response Action**
Wait for the target to become ready. This may take a few minutes. After the target is ready, then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**SWU8534**

**Message**
Unable to update the iKVM firmware.

**Detailed Description**
The iKVM firmware update operation is not successful.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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SWU8535

Message
Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x arg1.

Arguments 
arg1 = error no

Detailed Description
The LKVM firmware update operation was not successful, because the firmware Image file could not be transferred.

Recommended Response
Make sure that the iKVM firmware image file is available at the specified location, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

---

SWU8536

Message
Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0x arg1.

Arguments 
arg1 = error no

Detailed Description
The LKVM firmware update operation was not successful, because the firmware Image file could not be transferred.

Recommended Response
Make sure that the iKVM firmware image file is available at the specified location, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)
Unable to update the LKVM firmware, because the IP address provided is invalid.
ErrorCode=0x arg1.

Arguments arg1 = error no

Detailed Description The LKVM firmware update operation was not successful, because the IP address of the active CMC that is provided to the LKVM is invalid.

Recommended Response Make sure the CMC IP address entered is valid, and then retry the Update operation.

Category Updates (SWU = Software Change)

Severity Severity 2 (Warning)

---

Unable to update the iKVM firmware. Reason = 0x arg1.

Arguments arg1 = error no

Detailed Description The iKVM firmware update operation was not successful.
Recommended Response
Retry the Update operation. If the issue persists, reinsert the iKVM and retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

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**SWU8540**

**Message**
Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x arg1.

**Arguments**
arg1 = error no

**Detailed Description**
The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response**
Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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1936
**SWU8541**

**Message**
Unable to update the PSU firmware, because the Image file is not accessible.

**Arguments**
arg1 = error no

**Detailed Description**
The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**
Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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**SWU8542**

**Message**
Unable to update the Active CMC firmware. The Image file transfer process was not successful.

**Detailed Description**
The firmware update operation for the CMC was not successful. The Image file could not be transferred.

**Recommended Response Action**
Make sure that the CMC firmware Image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

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</table>
Unable to update the Active CMC firmware. The Image file was not accessible.

The firmware update operation of CMC was not successful. The Image file was not accessible.

Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

Updates (SWU = Software Change)

Severity 2 (Warning)

Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update.

The firmware update operation of the Standby CMC was not successful. The Standby CMC could not be prepared for firmware update.

Retry the firmware update operation.

Updates (SWU = Software Change)

Severity 2 (Warning)
**SWU8545**

**Message**
Unable to update the Standby CMC firmware.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful.

**Recommended Response Action**
Retry the update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

---

**SWU8546**

**Message**
Unable to update the Standby CMC firmware.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful.

**Recommended Response Action**
Retry the update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)
Unable to update the Standby CMC firmware. The Image transfer process was not successful.

The firmware update operation of Standby CMC was not successful. The firmware image could not be transferred.

Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

Updates (SWU = Software Change)

Severity 2 (Warning)
Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful.

The firmware update process of Active CMC and Standby CMC was not successful, because of a firmware image checksum error.

Reacquire the Image file from the source location, and then retry the operation.

Updates (SWU = Software Change)

Severity 2 (Warning)

Unable to update the firmware of Standby CMC and Active CMC.

The firmware update process of Active CMC and Standby CMC was not successful.

Reacquire the Image file from the source location, and then retry the operation.

Severity 2 (Warning)
**Category** Updates (SWU = Software Change)

**Severity** Severity 2 (Warning)

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**SWU8551**

**Message** Unable to update the firmware of Active CMC. The checksum process was not successful.

**Detailed Description** The firmware update process of Active CMC was not successful, because of a firmware image checksum error.

**Recommended Response** Reacquire the Image file from the source location, and then retry the operation.

**Category** Updates (SWU = Software Change)

**Severity** Severity 2 (Warning)

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**SWU8552**

**Message** Unable to update the firmware of Active CMC.

**Detailed Description** The firmware update process of Active CMC was not successful.
Recommended Response Action

Reacquire the Image file from the source location, and then retry the operation.

Category Updates (SWU = Software Change)

Severity Severity 2 (Warning)

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**SWU8553**

Message Unable to update the Active CMC firmware. The Image file was not accessible.

Detailed Description The firmware update operation of Active CMC was not successful. The firmware Image file could not be accessed.

Recommended Response Action Make sure that the CMC firmware Image file is available at the location specified in the operation, and then retry the operation.

Category Updates (SWU = Software Change)

Severity Severity 2 (Warning)

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**SWU8554**

Message Local CMC firmware update has been initiated.
**Detailed Description**
Local CMC firmware update process is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

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**SWU8555**

**Message**
Active CMC and Standby CMC firmware updates have been initiated.

**Detailed Description**
Active and Standby CMC firmware update process is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

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</table>
**SWU8556**

**Message**
Unable to configure the sled network uplink on sled arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The sled network uplink on the sled identified in the message could not be configured. The servers on the sled may not have expected network connectivity.

**Recommended Response**
Perform a Virtual Reseat operation, and then retry the operation. To virtually reseat a server 1) Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat or 2) Run the following RACADM command at the command line interface: `racadm serveraction -f -m sled-<slot number> reseat`.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 1 (Critical)

**Filter Visibility**

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**SWU8557**

**Message**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Detailed Description**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Recommended Response**
Use a valid firmware image and retry the operation.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
**SWU8558**

**Message**
Invalid firmware: The uploaded firmware image validation was unsuccessful.

**Detailed Description**
Invalid firmware: The uploaded firmware image validation was unsuccessful.

**Recommended Response**
Use a valid firmware image and retry the operation.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**SWU8559**

**Message**
The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported.

**Detailed Description**
The firmware downgrade operation is unsuccessful. A downgrade to the firmware version uploaded is not supported.

**Recommended Response**
Refer to the platform Owners Manual for more information or contact your service provider.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**SWU8560**

**Message**
The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error.

**Detailed Description**
The firmware update process of Active CMC and Standby CMC was not successful because of a unrecognized image error.

**Recommended Response**
Obtain a valid firmware image from your service provider and retry the operation.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)
**SWU8561**

**Message**  
Unable to downgrade the firmware version because the current hardware configuration does not support rollback to the earlier firmware version.

**Detailed Description**  
The firmware version selected for rollback does not support the current chassis hardware configuration.

**Recommended Response**  
Make sure that firmware version selected for rollback is supported for the current hardware configuration, such as I/O modules, PSU modules, and servers. For example, a newer generation PSU may not work with an earlier iDRAC or CMC firmware. For more information, see the platform Owners Manual or CMC or iDRAC Release Notes for details.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
6314

---

**SWU8662**

**Message**  
Unable to update the I/O Aggregator (IOA) firmware because of an issue in the network communication session between CMC and IOA in slot arg1.

**Arguments**  
arg1 = slot ID
Detailed Description: The IOA firmware cannot be updated because of an issue in the network communication session between CMC and IOA.

Recommended Response: Power-cycle the IOA and if the firmware version is unchanged, retry the firmware update operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Trap/EventID: 6314

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SYS Event Messages

SYS001

Message: The operation was successful.
Detailed Description: The operation requested successfully completed.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

SYS002

Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the action. If the issue persists, reset iDRAC.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS003

Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and retry the operation with the required parameters.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
SYS004

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response: Refer to the Lifecycle Controller Remote Services documentation and retry the operation with a valid value for the identified parameter.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SYS005

Message: AttributeName array and AttributeValue array element count mismatch.
Detailed Description: The AttributeName input array and AttributeValue input array do not have the same number of elements.
Recommended Response: Verify AttributeName and AttributeValue pairs match and are valid. Refer to the Lifecycle Controller Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SYS006

Message: Unable to set read only attribute: arg1
Arguments: arg1 = attribute name
Detailed Description: The attribute being set is currently read-only and cannot be changed.
Recommended Response: Refer to the Lifecycle Controller Remote Services documentation for the specific attribute behavior.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
SYS007

**Message**  
Input out of range for arg1.

**Arguments**  
arg1 = attribute name

**Detailed Description**  
The input value for the attribute being set is not within the acceptable range for the attribute.

**Recommended Response**  
Refer to the Lifecycle Controller-Remote Services documentation for the specific attribute and retry the operation with valid value within the range of the attribute.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

SYS008

**Message**  
Invalid boolean in value for attribute: arg1.

**Arguments**  
arg1 = attribute name

**Detailed Description**  
The input value for the specified attribute is not a valid boolean value for the attribute.

**Recommended Response**  
Refer to the Lifecycle Controller-Remote Services documentation and provide a valid boolean value for the specified attribute.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*

SYS009

**Message**  
String exceeds maximum length for attribute: arg1

**Arguments**  
arg1 = attribute name

**Detailed Description**  
Length of string for specified attribute exceeded the maximum length allowed.

**Recommended Response**  
Check Lifecycle Controller-Remote Services documentation and retry the command with string value length less than maximum length allowed.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)
### SYS010

**Message**
Invalid character in value for attribute: `arg1`

**Arguments**
`arg1` = attribute name

**Detailed Description**
The input value for the specified attribute is not valid.

**Recommended Response**
Refer to Lifecycle Controller-Remote Services documentation and provide valid attribute value for the specified attribute.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**No alerts are applicable for this message**

### SYS011

**Message**
Pending configuration values are already committed, unable to perform another set operation.

**Detailed Description**
A configuration job is scheduled to apply pending set attribute operations. Set operations are not allowed if there is an existing configuration job for a component.

**Recommended Response**
Wait for the scheduled job to complete or delete the configuration jobs before attempting more set attribute operations.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**No alerts are applicable for this message**

### SYS012

**Message**
User privileges are not sufficient to perform operation.

**Detailed Description**
The user credentials provided do not have appropriate privileges to perform the operation requested.

**Recommended Response**
Retry operation using user credentials that have appropriate privileges to perform the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS013
Message: Invalid attribute name: \textit{arg1}.
Arguments: \textit{arg1} = attribute name
Detailed Description: The attribute name provided for the requested operation does not exist on the target system or is invalid.
Recommended Response Action: For more information, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS014
Message: Invalid value for attribute: \textit{arg1}
Arguments: \textit{arg1} = attribute name
Detailed Description: The value provided for the identified attribute is invalid.
Recommended Response Action: For more information, refer to the Lifecycle Controller-Remote Services documentation and provide a valid value for the identified attribute.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS015
Message: Job created successfully.
Detailed Description: The requested job has been created.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
SYS016

Message: Job completed with errors
Detailed Description: All the operations in the Job were attempted, but some did not complete successfully.
Recommended Response: Review the Job content and verify the values are correct. For more information, see Lifecycle Controller Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS017

Message: Job did not complete successfully.
Detailed Description: The job did not complete successfully.
Recommended Response: Verify the reason for the unsuccessful completion of the job by inspecting the Lifecycle Log entries related to the job. Correct the underlying cause of the unsuccessful completion and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS018

Message: Job completed successfully.
Detailed Description: The submitted job completed successfully.
Recommended Response: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
SYS019

Message: Required dependency input not found.

Detailed Description: The input is missing a required dependency necessary for the operation.

Recommended Response: Provide the required dependency and retry. For more information, see Lifecycle Controller Remote Services documentation.

Action

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

SYS020

Message: Invalid required Attribute value.

Detailed Description: The value provided for the required attribute is invalid.

Recommended Response: The value specified is not valid. Refer to the Lifecycle Controller Remote Services documentation for more information.

Action

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

SYS021

Message: Unable to set the value for arg1

Arguments: arg1 = attribute name

Detailed Description: The operation did not complete successfully because of incorrect parameters or internal firmware issues.

Recommended Response: Retry the operation. If the issue persists, do one of the following: 1) verify the value being set is correct, 2) reset the iDRAC.

Action

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

No alerts are applicable for this message
SYS022
Message: Resource allocation failure.
Detailed Description: The operation could not complete because of an internal resource allocation issue with the firmware.
Recommended Response: Reset the iDRAC and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

SYS023
Message: No configuration changes pending.
Detailed Description: There are no pending values to change.
Recommended Response: Ensure there are pending values for the attributes that need to be set and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SYS024
Message: Unable to complete the operation because attribute dependency checking did not complete successfully.
Detailed Description: Unable to complete the operation because attribute dependency checking did not complete successfully. This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.
Recommended Response: Make sure the dependency related attribute has the correct value and retry the operation. For more information on attribute dependency, Refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and Profile Documents available at the support site.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
### SYS025

**Message**
Unable to delete pending configuration.

**Detailed Description**
There are no pending configurations to be deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

### SYS029

**Message**
Unsupported parameter name *arg1*.

**Arguments**
*arg1* = parameter name

**Detailed Description**
The parameter name is not supported.

**Recommended Response Action**
Remove the unsupported parameter and retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

### SYS030

**Message**
Collecting component configuration information.

**Detailed Description**
Collecting the data required for component configuration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
SYS031

Message: Updating component configuration.
Detailed Description: The configuration is being applied to a component.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

SYS032

Message: Staged component configuration is complete.
Detailed Description: The staged component configuration update performed in the UEFI environment on the host system is complete.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
SYS033

Message: Staged component configuration completed with errors.

Detailed Description: The staged component configuration update performed in the UEFI environment on the host system has completed, but there were errors.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

SYS034

Message: Performing component configuration for: arg1

Arguments: arg1 = device name

Detailed Description: The configuration operation for the specified device is in progress.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)
### SYS035

**Message**
Some configuration values were not applied to: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The component configuration operation was completed, however some of the configuration values were not successfully applied.

**Recommended Response**
Retrieve and view configuration operation results in the Lifecycle Log. For more information to retrieve the configuration results see the Lifecycle Controller Remote Services Users Guide. Identify the unsuccessful configuration operations. Modify the input data as appropriate for the component and retry the configuration operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

### SYS036

**Message**
Unable to apply the configuration to the component.

**Detailed Description**
The configuration settings could not be applied to the component. This may indicate configuration changes since the last system inventory collection was completed.
SYS037

Message
Component update initialization failure.

Detailed Description
Operation validation is unsuccessful. The command, target and operation data are all validated before an update is performed. If any of them are missing or incorrect the operation does not complete successfully.

Recommended Response
Enable the Collect System Inventory on Restart attribute using Lifecycle Controller and restart the system. Retry the operation after the system restarts.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS038

Message
Missing or corrupt configuration information.
Unable to locate the configuration data associated with the job.

Retry the operation. If this issue persists, contact your service provider.

Configuration (SYS = System Info)

Severity 2 (Warning)

Verification of requested configuration changes failed.

The requested configuration changes have not passed the component specific verification checks, and therefore the changes will not be applied.

Check the scripts or related documentation and retry the operation.

Configuration (SYS = System Info)

Severity 2 (Warning)
SYS040

Message
The firmware update operation did not complete successfully.

Detailed Description
An operation to update the firmware of a component did not complete successfully.

Recommended Response
Check the Lifecycle Log for more details about the unsuccessful operation. Resolve the issue and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS041

Message
Unable to apply some component configuration values.

Detailed Description
The configuration update is complete, however all of the values were not correctly applied.

Recommended Response
Check the Lifecycle Log for the values that were not set. Resolve the issues in the XML configuration input file and retry the operation. Alternatively, configure each of the attributes using the component service methods. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
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**SYS042**

**Message**
Component configuration successfully completed.

**Detailed Description**
The requested component configuration successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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**SYS043**

**Message**
Successfully exported system configuration XML file.

**Detailed Description**
The current configuration of the system components (BIOS, RAID, NIC, iDRAC, and so on) was written to a system configuration XML file and successfully copied to the specified location.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
SYS044

Message
Unable to export one or more component configurations.

Detailed Description
Unable to collect the configuration information for one or more components. An internal error occurred while processing component information.

Recommended Response
Enable Collect System Inventory On Restart (CSIOR) using Lifecycle Controller and restart the system. Make sure that inventory collection is complete before retrying the operation. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS045

Message
Unable to copy the system configuration XML file to the network share.

Detailed Description
An error occurred while copying the system configuration XML file to the network share.

Recommended Response
If the file is being exported to an NFS share, make sure that it is accessible from iDRAC. If the file is being exported to a CIFS share, make sure that it is accessible from iDRAC using share access credentials with the appropriate privileges.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
## SYS046

**Message**
Unable to import the system configuration XML file from the network share.

**Detailed Description**
An error occurred while copying the system configuration XML file from the network share.

**Recommended Response Action**
If the file is being copied from an NFS share, make sure that it is accessible from iDRAC. If the file is being copied from a CIFS share, make sure that it is accessible from iDRAC using the share credentials provided. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

## SYS047

**Message**
Input file for system configuration XML is not compliant with configuration schema.

**Detailed Description**
The input file is not compliant with the system configuration XML schema.

**Recommended Response Action**
Make sure that the input file is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide.
**SYS048**

**Message**
System configuration XML input file contains invalid characters, `arg1` at line `arg2`.

**Arguments**
`arg1` = character, `arg2` = line

**Detailed Description**
The operation expected a valid XML that is compliant with the system configuration schema. However, the system configuration file does not contain valid XML content.

**Recommended Response**
View the file in any Web browser to check for invalid characters. Remove the invalid characters and make sure that the file is a valid XML and is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide.

**SYS050**

**Message**
The system configuration XML file for import configuration is not compliant with schema nesting checks.
Detailed Description: The system configuration XML file for the import configuration operation is not compliant with schema nesting checks. Only RAID controllers can have nested Component nodes up to a maximum nesting depth of three.

Recommended Response: Make sure that the system configuration XML file is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide. Only RAID controllers can have nested Component nodes.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

---

SYS051

Message: The system could not be shut down within the specified time.

Detailed Description: Sometimes, the operating system on the server may not allow a graceful shutdown or may not complete within the specified graceful shutdown timeout. This error indicates that the system could not be shutdown within the time specified. The default timeout value is 5 minutes and the maximum value allowed is 1 hour.

Recommended Response: Retry the operation with a longer specified graceful shutdown timeout or with the system shutdown option.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)
SYS052

Message
Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied.

Detailed Description
Configuration changes that do not require a system restart are currently being applied.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

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SYS053

Message
Successfully imported and applied system configuration XML file.

Detailed Description
Configuration changes specified in the system configuration XML file were successfully applied.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

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**SYS054**

**Message**  
No configuration changes requiring a system restart need to be applied.

**Detailed Description**  
The current configuration for components that require staged configuration already match the configuration specified by the input file. A system restart to apply staged configuration is not required.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 3 (Informational)

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**SYS055**

**Message**  
Import of system configuration XML file operation completed with errors.

**Detailed Description**  
The configuration specified in the system configuration XML file was applied, but there were some errors. The Lifecycle Controller Log contains the details of the component configurations that did not complete successfully.

**Recommended Response Action**  
Review the Lifecycle Controller Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 3 (Informational)
SYS056

Message Waiting for the system to shut down.
Detailed Description Waiting for the system to shut down before applying configuration changes.
Recommended Response No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)

SYS057

Message Exporting system configuration XML file.
Detailed Description The current system configuration is being collected and the system configuration XML file is being generated.
Recommended Response No response action is required.
Category Configuration (SYS = System Info)
Severity Severity 3 (Informational)
SYS058

Message  Applying configuration changes.
Detailed Description  Running Lifecycle Controller Automated Task Execution application in Unified Extensible Firmware Interface (UEFI) environment to apply configuration changes.
Recommended Response Action  No response action is required.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)

SYS059

Message  Component configuration successfully changed.
Detailed Description  Configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) were successfully applied.
Recommended Response Action  No response action is required. See Lifecycle Log for details.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)
SYS060

Message
Component configuration completed with errors.

Detailed Description
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.

Recommended Response
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS061

Message
Unable to complete component configuration.

Detailed Description
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.

Recommended Response
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.
## SYS062

**Message**
Input file for import configuration operation is invalid. The expected XML root element was not found.

**Detailed Description**
The input file for the import configuration operation does not contain a valid XML root element.

**Recommended Response**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

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### LC Log
- **LCD**
- **OS Log**
- **Power Off**
- **Power Cycle**
- **Reset**
- **Chassis Event Proxy**

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## SYS063

**Message**
Input file for import configuration operation is invalid. The expected root element was not closed.

**Detailed Description**
The input file for the import configuration operation does not contain a closed root element.
SYS064

Message: Input file for import configuration operation is invalid at line \textit{arg1}.

Arguments: \textit{arg1} = line

Detailed Description: The input file for the import configuration operation contains invalid XML data at the line specified.

Recommended Response: Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

SYS065

Message: Input file for import configuration operation cannot be found or opened.

Detailed Description: An internal error occurred opening the input configuration XML file. An iDRAC reset is required.

Recommended Response: Reset iDRAC and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)
SYS066

Message
No changes detected for iDRAC, System, or Lifecycle Controller configuration.

Detailed Description
No iDRAC, System, or Lifecycle Controller configuration changes were applied. The settings specified in the system configuration XML input file match the current configuration for these components.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS067

Message
Unable to complete application of configuration XML file values.

Detailed Description
Some or all configuration actions during the import of configuration XML operation did not complete successfully. The configuration action details are logged into the Lifecycle Log.

Recommended Response Action
Export the Lifecycle Log and identify the configuration changes that did not successfully complete. Resolve any issues with the configuration XML content and retry the import operation.
SYS068

**Message**
Configuration changes that require system reboot were not applied.

**Detailed Description**
Some configuration changes that require system reboot were not applied because the values specified in the input XML file are incorrect.

**Recommended Response**
Use the GetConfigResults() method to get the configuration job results or export the Lifecycle Log and review the configuration job results to identify the errors. Make changes to the input XML to correct the errors. Retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

SYS069

**Message**
No changes were applied since the current component configuration matched the requested configuration.

**Detailed Description**
The settings specified in the system configuration XML file match the current configuration for all components.
SYS070

Message: Configuration changes that require system reboot were not applied.

Detailed Description: The configuration changes that require system reboot into the UEFI environment on the system did not complete for all components.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

SYS071

Message: System configuration XML export operation timed-out.
Detailed Description: The export of system configuration XML did not complete because the operation took too long.

Recommended Response: Make sure the Collect System Inventory On Restart (CSIOR) Lifecycle Controller setting is enabled and reboot the system. Retry the operation after CSIOR has completed. If the problem persists, reset iDRAC by pressing the System ID button for at least 15 seconds and retry the operation after iDRAC has fully restarted.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

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SYS072

Message: System configuration XML import operation timed-out.

Detailed Description: The import of system configuration XML did not complete as the operation took too long.

Recommended Response: Delete all jobs, reset iDRAC by pressing the System ID button for at least 15 seconds, and retry the operation.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

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SYS073

Message
Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the configuration XML.

Detailed Description
The import of system configuration XML file operation completed with errors because the Lifecycle Controller State was disabled in the input XML. Configuration changes requiring a system reboot were not applied.

Recommended Response
Enable the Lifecycle Controller State setting and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

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SYS074

Message
Unable to apply configuration changes because another configuration job is in progress.

Detailed Description
Unable to apply configuration changes because another configuration job is in progress.

Recommended Response
Wait until the current configuration job is complete and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

SYS075

Message
Unable to perform the import operation because the specified file does not exist on the remote share.
**SYS076**

**Message**
Invalid or unsupported component specified in the input configuration XML file.

**Detailed Description**
The configuration XML file contains a component node that is not supported.

**Recommended Response**
Make sure the input configuration XML file only specifies supported component.
Check the import operation job configuration results for the unsupported XML node.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**SYS077**

**Message**
Unable to perform the preview operation because the specified file does not exist on the remote share.

**Detailed Description**
Unable to perform the preview operation because the specified system configuration XML file does not exist on the remote share.

**Recommended Response**
Make sure the configuration XML file to be previewed exists on the remote share before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

**SYS078**

**Message**
Unable to retrieve the system configuration XML file from the network share for preview.
Unable to retrieve the system configuration XML file from the network share for the requested preview operation. This may be due to issues with network accessibility.

If the configuration XML file is on an NFS share, make sure that the network share is accessible from iDRAC. If the configuration XML file is on a CIFS share, make sure that the network share is accessible from iDRAC using the share credentials specified. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

SYS079

The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema.

Make sure that the input file is compliant with the system configuration XML schema published on www.delltechcenter.com/lc.

SYS080

Preview of system configuration XML file import operation indicated that no configuration changes will be successful.

Make sure that the input file is compliant with the system configuration schema published on www.delltechcenter.com/lc and contains valid FQDDs that represent actual components in the target system.

No alerts are applicable for this message
**SYS081**

**Message**
Successfully previewed system configuration XML file import operation.

**Detailed Description**
Successfully previewed system configuration XML file import operation.

**Recommended Response**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SYS082**

**Message**
Completed the preview of system configuration XML file import operation. Some changes specified in the configuration XML will not be successfully applied in an import operation.

**Detailed Description**
The request to preview the system configuration XML file import operation completed. Some changes specified in the configuration XML file will not be successfully applied in an import configuration XML file operation.

**Recommended Response**
Identify the configuration changes that cannot be completed successfully by 1) Export the Lifecycle Log and review the configuration results in the entries for the preview job or 2) Retrieve the preview operation configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**SYS083**

**Message**
Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

**Detailed Description**
Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

**Recommended Response**
Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.

**Category**
System Health (SYS = System Info)
<table>
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<tr>
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No alerts are applicable for this message

**SYS084**

**Message**
Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.

**Detailed Description**
Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.

**Recommended Response Action**
Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

No alerts are applicable for this message

**SYS085**

**Message**
Successfully exported the ePSA Diagnostics results.

**Detailed Description**
Successfully exported ePSA Diagnostics results.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

**SYS086**

**Message**
Unable to copy the ePSA Diagnostics results file to the network share.

**Detailed Description**
Unable to copy the ePSA Diagnostics results file to the specified network share.

**Recommended Response Action**
If the results are being exported to an NFS share, make sure that the network share is accessible from iDRAC. If the results are being exported to a CIFS share, make sure that the network share is accessible from iDRAC using the specified share access credentials.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS087

Message
A system reboot will occur when the previewed configuration XML file is imported to the system.

Detailed Description
When the configuration XML file specified in the Preview operation is imported to the system, a system reboot will occur to apply the configuration changes.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS088

Message
Estimated time for applying configuration changes is \arg1 seconds.

Arguments
\arg1 = configuration time

Detailed Description
Applying the changes defined in the configuration XML file will take approximately the estimated time identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS089

Message
Preview of system configuration XML file is complete.

Detailed Description
The Preview operation of system configuration XML file is complete.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
SYS090

**Message** The configuration XML input file contains unsupported DOCTYPE tags.

**Detailed Description** The configuration XML input file contains XML DOCTYPE tags which may contain injection security threats. The XML DOCTYPE tag is not supported in configuration XML files.

**Recommended Response Action** Check the input XML file for DOCTYPE XML tags and remove them before retrying the operation.

**Category** Configuration (SYS = System Info)

**Severity** Severity 2 (Warning)

*No alerts are applicable for this message*

SYS091

**Message** Unable to complete the operation because the method is not supported.

**Detailed Description** Unable to complete the operation because the method is not supported.

**Recommended Response Action** No response action is required.

**Category** Configuration (SYS = System Info)

**Severity** Severity 3 (Informational)

*No alerts are applicable for this message*

SYS092

**Message** The iDRAC is collecting information about the server for a Tech Support Report.

**Detailed Description** The iDRAC is collecting information about the server for a Tech Support Report.

**Recommended Response Action** No response action is required.

**Category** System Health (SYS = System Info)

**Severity** Severity 3 (Informational)

*No alerts are applicable for this message*
SYS093
Message: The iDRAC is exporting the Tech Support Report.
Detailed Description: The iDRAC is exporting the Tech Support Report to the specified destination.
Recommended Response: No response action is required.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

SYS094
Message: The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server.
Detailed Description: The Tech Support Report collection job could not be started, because a report collection job is already running on the server.
Recommended Response: Wait until the current Tech Support Report operation is complete and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

SYS095
Message: Unable to unmount an iDRAC internal storage partition.
Detailed Description: Unable to unmount an iDRAC internal storage partition.
Recommended Response: Retry the operation. If the issues persists, reset the iDRAC by pressing the System ID button for at least 15 seconds, and then retry the operation after the iDRAC has finished restarting.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

1987
SYS096
Message: Unable to complete the diagnostics operation because the required Dell Diagnostics firmware package is not installed.
Detailed Description: The required Dell Diagnostics firmware package is not installed or cannot be found in the iDRAC internal storage.
Recommended Response: Install the Dell 64bit uEFI Diagnostics firmware package, and then retry the operation. The Dell Diagnostics can be installed using the Dell 64bit uEFI Diagnostics Dell Update Package (DUP).
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

SYS097
Message: The state of Lifecycle Controller is disabled by the configuration XML import operation.
Detailed Description: The Lifecycle Controller State has been set to disabled by the configuration XML import operation. Further changes to the system configuration require the Lifecycle Controller State to be enabled before the changes are processed.
Recommended Response: If further configuration changes are required for the system, the Lifecycle Controller State must be enabled prior to attempting the configuration change. To enable the Lifecycle Controller State, run the racadm command “racadm set LifecycleController.LCAttributes.LifecycleControllerState Enabled”.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

SYS098
Message: A Remote Diagnostic (ePSA) job already exists.
Detailed Description: A Remote Diagnostic (ePSA) job already exists and only one job of this type can exist at a time.
Recommended Response: A response action is not required if the scheduled start time of the existing Remote Diagnostic (ePSA) job is ok. Else, delete the existing Diagnostics (ePSA) job and recreate another with an appropriate start time.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### SYS099

**Message**
Unable to export the diagnostics results because the results do not exist.

**Detailed Description**
The diagnostics results could not be exported because either the diagnostics tests were never run on the system or the results could not be found on the internal storage of the iDRAC.

**Recommended Response Action**
Run the RunEPSADiagnostics method to make sure that the diagnostics results are available, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### SYS100

**Message**
Unable to find an FQDD equivalent for the token `arg1`

**Arguments**
`arg1` = token name

**Detailed Description**
A FQDD equivalent for the token name identified in the message cannot be found.

**Recommended Response Action**
Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### SYS1000

**Message**
System is turning on.

**Detailed Description**
System is turning on.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8579
SYS1001

Message     System is turning off.
Detailed Description System is turning off.
Recommended Response Action No response action is required.
Category Audit (SYS = System Info)
Severity Severity 3 (Informational)
Trap/EventID 8579

SYS1002

Message     System is performing a power cycle.
Detailed Description System is performing a power cycle.
Recommended Response Action No response action is required.
Category Audit (SYS = System Info)
**SYS1003**

**Message**
System CPU Resetting.

**Detailed Description**
System is performing a CPU reset because of system power off, power on or a warm reset like CTRL-ALT-DEL.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8579

**SYS101**

**Message**
The Server Administrator Data Manager service has started.

**Detailed Description**
The Server Administrator Data Manager service has started.
Recommended Response Action
No response action is required.

Category Audit (SYS = System Info)
Severity Severity 3 (Informational)
OMSA Event ID 5008

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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SYS102

Message Server Administrator Data Manager service has stopped.
Detailed Description The Server Administrator Data Manager service has stopped.
Recommended Response Action Restart the Server Administrator Data Manager service.
Category Audit (SYS = System Info)
Severity Severity 3 (Informational)
OMSA Event ID 5009

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

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### SYS103

**Message**
Administrator has started.

**Detailed Description**
The Server Administrator has started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5001

**OMSA Trap ID**
5001

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### SYS104

**Message**
Server Administrator is starting.

**Detailed Description**
The Server Administrator is starting.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5000

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SYS105

**Message**
Unable to process the event: arg1 Date and time of event: arg2.

**Arguments**
arg1 = event, arg2 = date time

**Detailed Description**
The current software version is unable to process this event because of an internal error.

**Recommended Response Action**
Contact your service provider.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5014

**OMSA Trap ID**
5014

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SYS106

**Message**
An unknown system control action was initiated by the user.

**Detailed Description**
An unknown system control action was initiated by the user.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007
### SYS107

**Message**
A system reboot was initiated by the user.

**Detailed Description**
The user initiated a system reboot.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

### SYS108

**Message**
A system power off was initiated by the user.

**Detailed Description**
The user has initiated a system power off action.

**Recommended Response Action**
No response action is required.
SYS109

Message
A system power cycle was initiated by the user.

Detailed Description
The user has initiated a system power cycle action.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5007

OMSA Trap ID
5007
SYS110

**Message**
The actions Shutdown OS First and Reboot System were initiated by the user.

**Detailed Description**
The actions will shut down the operating system and then reboot the system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

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SYS111

**Message**
The actions Shutdown OS First and Power Off System were initiated by the user.

**Detailed Description**
The actions will shut down the operating system and then the system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007
SYS112

Message

The actions Shutdown OS First and Power Cycle System were initiated by the user.

Detailed Description

The actions will shut down the operating system and then power cycle the system.

Recommended Response Action

No response action is required.

Category

Audit (SYS = System Info)

Severity

Severity 3 (Informational)

OMSA Event ID

5007

OMSA Trap ID

5007

SYS113

Message

An invalid action was requested by the user.

Detailed Description

An invalid action was requested by the user.

Recommended Response Action

No response action is required.

1998
SYSAudit

**Category** Audit (SYS = System Info)
**Severity** Severity 3 (Informational)
**OMSA Event ID** 5007
**OMSA Trap ID** 5007

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**SYS114**


**Arguments** *arg1 = interface, arg2 = BMC, arg3 = SDR, arg4 = SEL*

**Detailed Description** IPMI is supported for identified interface, Baseboard Management Controller (BMC), Sensor Data Records (SDR), and System Event Log (SEL).

**Recommended Response** If any status is not present, power cycle the system, and apply the latest firmware update packages for Lifecycle Controller and iDRAC.

**Category** System Health (SYS = System Info)
**Severity** Severity 3 (Informational)
**OMSA Event ID** 5012

<table>
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1999
SYS115

Message
The power cord sensor is non-functional.

Detailed Description
The power cord sensor becomes non-functional because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

Recommended Response
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

Category
System Health (SYS = System Info)

Severity
Severity 1 (Critical)

---

SYS116

Message
Unable to determine the status of the power cord.

Detailed Description
The status of the power cord cannot be determined because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

Recommended Response
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)
**SYS117**

**Message**
The input power supply is restored.

**Detailed Description**
The input power supply is restored to the system.

**Recommended Response**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

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**SYS118**

**Message**
The input power supply is not available.

**Detailed Description**
The input power supply is not available because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) There is an input power failure.

**Recommended Response**
Do the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Make sure that the input power supply is restored.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS119

Message
Unable to expose the OS Collector to the server OS.

Detailed Description
The OS collector cannot be exposed to the host server because of communication issues between the iDRAC and server OS.

Recommended Response
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

SYS120

Message
Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled.

Detailed Description
The OS Collector application did not complete its task within the maximum allowed time and the operation is cancelled. This may be because the server OS is not supported by the OS Collector application and the application is unable to function correctly.

Recommended Response
Do the following: 1) Make sure that the OS Collector application supports the OS installed on the server. If the OS is not supported, the OS Collector may not function correctly. 2) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest
OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

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**SYS121**

**Message**
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

**Detailed Description**
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

**Recommended Response**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

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**SYS122**

**Message**
OS Collector: The operation to collect OS and Application Data is successfully completed.
The operation to collect OS and Application Data is successfully completed.

No response action is required.

System Health (SYS = System Info)

Severity 3 (Informational)

---

**SYS123**

**Message**
OS Collector: An unexpected issue has been encountered.

**Detailed Description**
An unexpected issue has occurred. This could be because the application encountered an unexpected exception or was terminated by a user. This issue could also be because the application was running in an unsupported OS.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

System Health (SYS = System Info)

Severity 2 (Warning)
**SYS124**

**Message**
OS Collector: The OS Collector application does not support execution in the OS installed on the server.

**Detailed Description**
The OS and Application data collection by the OS Collector application is unable to execute on the OS installed on the server because the OS is not supported.

**Recommended Response**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

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**SYS125**

**Message**
OS Collector: Unable to communicate with WMI services.

**Detailed Description**
The OS Collector application is unable to communicate with the WMI service. This may be because the user context the application is running in does not have appropriate access privileges or firewall/security settings are preventing retrieving registry and software data from WMI.

**Recommended Response**
Do the following: 1) Make sure the user context the OS Collector application is running in has the appropriate privileges to access WMI. Make sure that firewall or security settings are set to allow access and retry the operation. 2) If the issue persists, restart the WMI service and retry the operation. 3) If the issue continues to persists, restart the server OS and retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

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**SYS126**

**Message**
OS Collector: Unable to collect Application Data.

**Detailed Description**
Application data source was not found. An issue occurred while collecting Application Data because of an unknown exception.

**Recommended Response**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

**SYS127**

**Message**
OS Collector: Unable to collect OS log data

**Detailed Description**
OS log data was not collected. An issue occurred while collecting OS log data because of an unknown exception.

**Recommended Response**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

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2006
**SYS128**

**Message**
OS Collector: Unable to generate a zip archive of the OS and Application Data report.

**Detailed Description**
Unable to generate a zip archive of the OS and Application Data report.

**Recommended Response**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

**SYS129**

**Message**
OS Collector: Unable to complete XML transform on the data collected.

**Detailed Description**
Unable to complete XML transform on the data collected because the collected data is in an unexpected format.

**Recommended Response**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS130

Message
OS Collector: Unable to create filename for zip archive.

Detailed Description
Unable to create the final zip archive name because the Service Tag and time stamp could not be retrieved from OS interfaces.

Recommended Response Action
Do the following: 1) On Windows, restart the WMI service and retry the operation, 2) Restart the OS and retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

SYS131

Message
OS Collector: Unable to communicate with the OS IPMI service.

Detailed Description
Unable to communicate with the OS IPMI service because the service is not running.

Recommended Response Action
For more information about checking whether the IPMI service is running, see the iDRAC8 Users Guide.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)
SYS132

Message
OS Collector: Unable to communicate with OS Collector IPMI library.

Detailed Description
An issue occurred while loading the OS Collector IPMI library. This may be because the OS collector binary images are not valid and need to be re-installed.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

SYS133

Message
OS Collector: IPMI session error.

Detailed Description
An issue was encountered while creating an IPMI session.

Recommended Response Action
Restart the WMI service and retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)
### SYS134

**Message**: OS Collector: Zip archive size exceeded the limit.

**Detailed Description**: The report size is more than the 30MB allowed size which will cause a truncated, partial report to be generated.

**Recommended Response Action**: Remove older log entries so that the final zip archive size can be reduced.

**Category**: System Health (SYS = System Info)

**Severity**: Severity 2 (Warning)

### SYS135

**Message**: OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Detailed Description**: The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Recommended Response Action**: Run the OS Collector application as administrator or as a user added to admin group or domain administrator or Local administrator.

**Category**: System Health (SYS = System Info)
**Severity**  Severity 2 (Warning)

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**SYS136**

**Message**  An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

**Detailed Description**  An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

**Recommended Response**  Do the following: 1) Restart the iDRAC Module Service on the OS and retry the operation. 2) Stop iDRAC Service Module Service on the OS and try manually executing the OS Collector application.

**Category**  System Health (SYS = System Info)

**Severity**  Severity 2 (Warning)

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**SYS137**

**Message**  Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.

**Detailed Description**  Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.
**SYS138**

**Message**
Unable to start the collection of OS and Application Data because the server is turned off.

**Detailed Description**
Unable to start the collection of OS and Application Data because the server OS is turned off.

**Recommended Response**
Turn on the server and wait until the OS finishes booting, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

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**SYS139**

**Message**
Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.
Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.

Retry the operation after the server has finished starting and POST has completed.

System Health (SYS = System Info)

Severity 2 (Warning)

Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS.

Enable and start the iDRAC Service Module (iSM) from within the server OS and then retry the operation.

System Health (SYS = System Info)

Severity 2 (Warning)
### SYS141

**Message**
Lifecycle Controller data is deleted.

**Detailed Description**
The Lifecycle Controller data is deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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### SYS142

**Message**
The OS driver pack is deleted.

**Detailed Description**
The OS driver pack is deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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SYS143

Message: ePSA Diagnostics are deleted.
Detailed Description: ePSA Diagnostics are deleted because of a System Erase operation.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

SYS144

Message: Starting controller hardware cache data erase operations.
Detailed Description: Starting controller hardware cache data erase operations because of a System Erase operation request.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
SYS145

Message: vFlash SD Card data is deleted.

Detailed Description: vFlash SD Card data is deleted because of a System Erase operation.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)
### SYS147

**Message**
Starting non-secure erase-capable drive erase operations.

**Detailed Description**
Starting non-secure erase-capable drives erase operations because of a System Erase operation request.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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### SYS148

**Message**
BIOS is configured to reset to defaults on next system restart.

**Detailed Description**
The BIOS is configured to reset to defaults on the next system restart because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

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<th>Remote System Log</th>
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</tr>
</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>*</td>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>
### SYS149

**Message**
The process of resetting iDRAC to default settings is initiated.

**Detailed Description**
Initiating iDRAC reset to defaults operation because of a System Erase operation. The iDRAC will restart after firmware default values are restored.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

### SYS150

**Message**
Starting System Erase operation. Job ID: arg1

**Arguments**
arg1 = job ID

**Detailed Description**
A System Erase job with the job ID identified in the message is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
**SYS151**

**Message**
Completed System Erase Job ID: arg1

**Arguments**
arg1 = job ID

**Detailed Description**
A System Erase job with the job ID identified in the message is completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

---

**SYS152**

**Message**
Erase operations for some System Erase tasks did not complete successfully.

**Detailed Description**
Some of the requested storage component erase tasks were not successful. Retrying the System Erase operation may be required. The vFlash SD Card must be initialized and licensed to be erased successfully.

**Recommended Response Action**
Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate storage options, and then retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

SYS153

Message: Deleting hardware cache data for controller: arg1.
Arguments: arg1 = device name
Detailed Description: The non-volatile cache of the controller identified in the message is being erased.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

SYS154

Message: Initiating secure erase operation on secure erase-capable drives for controller: arg1.
Arguments: arg1 = device name
**Detailed Description**
Initiating secure erase operation on secure erase-capable drives for the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

**SYS155**

**Message**
Initiating clear operation on non-secure erase-capable drives for controller: `arg1`.

**Arguments**
`arg1` = device name

**Detailed Description**
Initiating clear operation on non-secure erase-capable drives for the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

<table>
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<tr>
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</tbody>
</table>
SYS156

Message
Erase operations for System Erase tasks successfully completed.

Detailed Description
The requested component erase tasks of the System Erase operation is successfully completed.

Recommended Response
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

---

SYS157

Message
Unable to successfully complete requested System Erase tasks.

Detailed Description
Unable to successfully complete requested options of the System Erase operation. Retrying the System Erase operation may be required.

Recommended Response
Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate options, and then retry the operation. Also disable "F1/F2 Prompt on Error" in BIOS settings for System Erase operation to continue without intervention.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
SYS158

Message
Hardware cache erase is unsuccessful.

Detailed Description
Unable to erase hardware caches during the System Erase operation.

Recommended Response Action
Retry the System Erase operation with only the hardware cache erase option selected.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS159

Message
vFlash SD Card erase unsuccessful.

Detailed Description
The vFlash SD Card erase operation was unsuccessful. This may be because the SD card is not enabled, not licensed or not initialized.

Recommended Response Action
Make sure the vFlash SD Card is enabled, licensed and initialized, and then retry the System Erase operation with only the vFlash option selected.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)
**SYS160**

Message: The Lifecycle Controller logs are cleared.

Detailed Description: The Lifecycle Controller log data deleted as part of a System Erase operation. All previously stored information is no longer available.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

---

**SYS161**


Detailed Description: The Tech Support Report related data have been deleted from iDRAC non-volatile storage.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)
SYS162

Message
Turning on the server to perform System Erase tasks.

Detailed Description
The server will be turned on to enter UEFI System Services Manager (SSM). The storage-related erase operations selected, if any, will be processed by SSM.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS163

Message
The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts.

Detailed Description
The iDRAC environment has changed and the iDRAC must be restarted to apply the changes requested. Normal operation will return after the restart has completed. One exception is, the iDRAC has been reset to its default settings. In this case additional setup is required to use the iDRAC. For more information, see the iDRAC Users Guide.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)
SYS164

Message
Access to Lifecycle Controller internal storage was not acquired.

Detailed Description
The System Erase operation attempted to access Lifecycle Controller internal storage that is already being accessed by another function. Exclusive access to the internal storage is required for the System Erase operation. The System Erase operation attempts Lifecycle Controller internal storage access for 10 minutes. After the timeout the current job completes with an unsuccessful status.

Recommended Response
Check the server and make sure that it is not in BIOS POST startup processing or stopped in the POST phase of startup. The server can also be stopped during POST because the <F2> is pressed or Option ROM setup utilities are being used. After the BIOS startup has completed, retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

SYS165

Message
One or more Tech Support Report data collection options selected did not complete successfully.

Detailed Description
One or more Tech Support Report data collection options selected did not complete successfully.
<table>
<thead>
<tr>
<th>Category</th>
<th>System Health (SYS = System Info)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SYS166**

- **Message**: The collection of OS and Application Data did not start within the allocated time.
- **Detailed Description**: The collection of OS and Application Data did not start within the allocated time.
- **Recommended Response Action**: Do one of the following: 1) Retry the operation. 2) Make sure the OS does not have any firewall setting to block USB device enumeration, and then retry the operation. 3) Make sure the OS is not configured to attach USB devices as read-only, and then retry the operation. 4) Make sure the OS is supported by the OS Collector application. 5) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. 6) For more information about the collection of OS and application data, see the iDRAC8 Users Guide.

**SYS167**

- **Message**: TTY Log data export did not complete within the allocated time.
- **Detailed Description**: The TTY Log data export did not complete within the allocated time. Currently the maximum allocated time is 20 minutes.
- **Recommended Response Action**: Reset the iDRAC and retry the operation.

**SYS168**

- **Message**: Unable to complete the System Erase job because another operation is in progress.
- **Detailed Description**: The requested System Erase job cannot complete because there was another job or System Services task already in progress.
**SYS169**

**Message**
The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature.

**Detailed Description**
The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report.

**Recommended Response**
Make sure the operating system (OS) is a supported OS for the Technical Support Report feature and the latest iDRAC Service Module software is installed on the OS.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**SYS170**

**Message**
The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together.

**Detailed Description**
The SHA256 Hash value and the clear text value for an iDRAC user password cannot be used at the same time for a password configuration operation.

**Recommended Response**
Make sure that the user password is configured using either the clear text or the SHA256 Hash, but not both.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

---

**SYS171**

**Message**
Unable to successfully complete the import operation because not all hash password values have been entered.

**Detailed Description**
The import operation cannot be completed successfully because the SHA1v3Key and the MD5V3Key values must both be supplied.
<table>
<thead>
<tr>
<th>SYS172 Message</th>
<th>A Remote Diagnostic operation has been interrupted.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A Remote Diagnostic operation has been interrupted because the server was restarted during the operation.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Make sure that there are no diagnostic operations in progress before restarting the server or wait for the Remote Diagnostic operation to complete.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>SYS173 Message</th>
<th>Unable to retrieve the TTY Log because another operation is in progress on the RAID controller.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The TTY Log cannot be retrieved because another operation is in progress on the RAID controller.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Do the following: 1) View the job queue and make sure all jobs are in a completed state. 2) Retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>SYS174 Message</th>
<th>Unable to access network share for exporting Tech Support Report (TSR).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Tech Support Report (TSR) cannot be exported because of an issue while connecting to the network share using the provided credentials or other network share parameters.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SYS = System Info)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**SYS175**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to find a device configuration for the FQDD entered.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Selective Export / Import could not find any matches for the FQDDs specified.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**SYS177**

<table>
<thead>
<tr>
<th>Message</th>
<th>There was an issue retrieving Hardware data.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>There was an issue retrieving Hardware data from the iDRAC internal storage. This may be because Collect System Inventory on Restart (CSIOR) feature is disabled and has never executed or the iDRAC Remote Services API status may not be in the Ready state.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure the Collect System Inventory on Restart (CSIOR) is enabled and has run at least once before retrying this operation. For remote web services API access, make sure the GetRemoteServicesAPIStatus method returns Ready status before trying this operation. If the issue persists, reset iDRAC and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SYS = System Info)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**SYS178**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to retrieve TTY log data because no storage controllers are detected in the server.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to retrieve TTY log data because no storage controllers are detected in the server.</td>
</tr>
</tbody>
</table>
SYS179

Message: Unable to export TTY log data because the storage controller present in the server does not support the feature.

Detailed Description: Unable to export TTY log data because the storage controller present in the server does not support the feature.

Recommended Response: Make sure that at least one storage controller is present in the server that supports the TTY log feature, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

SYS180

Message: There was an issue encountered when attempted to export TTY Log data for the storage controller arg1.

Arguments: arg1 = controller name

Detailed Description: The TTY log data of the storage controller identified in the message cannot be exported because an issue was encountered while communicating with the controller.

Recommended Response: While exporting the TTY log, make sure that the server is not in BIOS POST, and then retry the operation. If the issue persists, reset iDRAC, and retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

No alerts are applicable for this message.

SYS181

Message: Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC.
Detailed Description: The collect OS and Application Data operation cannot be completed because the OS Collector is not installed on the iDRAC.

Recommended Response: Install OS Collector on the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

---

SYS182

Message: Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress.

Detailed Description: Collecting OS and Application Data cannot be completed because Lifecycle Controller is used by another operation.

Recommended Response: Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server > Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

---

2032
SYS183

**Message**
Unable to allocate memory because of insufficient storage space in iDRAC.

**Detailed Description**
The memory cannot be allocated because of insufficient storage space in iDRAC.

**Recommended Response**
Reset iDRAC and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

---

SYS184

**Message**
Unable to compute the checksum because OS Collector files are not readable.

**Detailed Description**
The checksum cannot be computed because OS Collector files are not readable.

**Recommended Response**
Reinstall the OS Collector in the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)
SYS185

Message
The Tech Support Report job has been cancelled.

Detailed Description
The Tech Support Report job that was running has been cancelled by user request.

Recommended Response Action
To start another Tech Support Report job, wait until the current job that is being cancelled completes and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

SYS186

Message
Unable to start the collection of TTY log data because the server is turned off.

Detailed Description
Unable to start the collection of TTY log data because the server OS is turned off.

Recommended Response Action
Turn on the server and wait until the OS finishes booting, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

SYS187

Message
Unable to start the collection of TTY log data because the server is in POST and has not finished startup.

Detailed Description
Unable to start the collection of TTY log data because the server is in POST and has not finished startup.
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Category</th>
<th>Severity</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYS188</td>
<td>System Health (SYS = System Info)</td>
<td>Severity 2 (Warning)</td>
<td>Unable to perform the import operation because the specified file on the remote share has a file size of zero, which is not valid.</td>
<td>Make sure the import configuration file on the remote share is valid before retrying the operation.</td>
</tr>
<tr>
<td>SYS189</td>
<td>System Health (SYS = System Info)</td>
<td>Severity 2 (Warning)</td>
<td>Cached OS and Application Data is not available in the iDRAC.</td>
<td>Collect the OS and Application Data either manually or automatically using the iDRAC Services Module (ISM) tools and then retry the operation.</td>
</tr>
<tr>
<td>SYS190</td>
<td>System Health (SYS = System Info)</td>
<td>Severity 2 (Warning)</td>
<td>iDRAC Service Module (iSM) does not support the operating system on the server and cannot collect OS data.</td>
<td>iDRAC Service Module (iSM) does not support the operating system on the server and cannot collect OS data.</td>
</tr>
</tbody>
</table>
SYS8500

Message: Delay Auto-throttle sent to \textit{arg1} server(s). \textit{arg2}, \textit{arg3}

Arguments: \textit{arg1} = number of servers, \textit{arg2} = error string, \textit{arg3} = errors

Detailed Description: The Chassis Management Controller (CMC) sent messages to delay power throttling to all capable servers in the chassis. This was done because the CMC firmware was updated or a failover was initiated. If specific server errors are shown in the message, verify that the iDRAC and Lifecycle Controller firmware versions on those servers is updated to the most current version available.

Recommended Response: If no errors are shown, no response is required. If errors are listed in the message, navigate to the named servers and make sure that iDRAC and Lifecycle Controller firmware versions are the latest available.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)
TMP Event Messages

TMP0100

Message
The system board arg1 temperature is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health (TMP = Temperature)

Severity
Severity 2 (Warning)

Trap/EventID
2162

Filter Visibility
<table>
<thead>
<tr>
<th>iDRAC</th>
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<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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<tbody>
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</tr>
</tbody>
</table>

TMP0101

Message
The system board arg1 temperature is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health (TMP = Temperature)

Severity
Severity 1 (Critical)

Trap/EventID
2161

LCD Message
System board temperature is outside of range. Check Fans
### TMP0102

**Message**  
The system board arg1 temperature is greater than the upper warning threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response**  
Check system operating environment and review event log for fan failures.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2162

### TMP0103

**Message**  
The system board arg1 temperature is greater than the upper critical threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
Ambient air temperature is too warm or one or more fans may have failed.
Recommended Response Action: Check system operating environment and review event log for fan failures.

Category: System Health (TMP = Temperature)

Severity: Severity 1 (Critical)

Trap/EventID: 2161

LCD Message: System board temperature is outside of range. Check Fans

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
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<th>WS Eventing</th>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>CMC</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
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</table>

**TMP0104**

Message: The system board arg1 temperature is outside of range.

Arguments: arg1 = name

Detailed Description: Ambient air temperature is too warm or cool.

Recommended Response Action: Check system operating environment and review event log for fan failures.

Category: System Health (TMP = Temperature)

Severity: Severity 1 (Critical)

Trap/EventID: 2161

LCD Message: System board <name> temperature is outside of range. Check Fans
<table>
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</table>

**TMP0105**

**Message**
The system board arg1 temperature is within range.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

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</table>

**TMP0106**

**Message**
The memory module arg1 temperature is less than the lower warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162
**TMP0107**

**Message**
The memory module arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Memory module <number> temperature is outside of range. Check Fans

---

**TMP0108**

**Message**
The memory module arg1 temperature is greater than the upper warning threshold.

**Arguments**
arg1 = number
### Detailed Description
Ambient air temperature is too warm or one or more fans may have failed.

### Recommended Response
Check system operating environment and review event log for fan failures.

### Category
System Health (TMP = Temperature)

### Severity
Severity 2 (Warning)

### Trap/EventID
2162

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### Message
The memory module *arg1* temperature is greater than the upper critical threshold.

### Arguments
- *arg1* = number

### Detailed Description
Ambient air temperature is too warm or one or more fans may have failed.

### Recommended Response
Check system operating environment and review event log for fan failures.

### Category
System Health (TMP = Temperature)

### Severity
Severity 1 (Critical)

### Trap/EventID
2161

### LCD Message
Memory module <number> temperature is outside of range. Check Fans

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</table>
### TMP0110

**Message**

The memory module `arg1` temperature is outside of range.

**Arguments**

`arg1` = number

**Detailed Description**

Ambient air temperature is too warm or cool.

**Recommended Response Action**

Check system operating environment and review event log for fan failures.

**Category**

System Health (TMP = Temperature)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2161

**LCD Message**

Memory module <number> temperature is outside of range. Check Fans

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### TMP0111

**Message**

The memory module `arg1` temperature is within range.

**Arguments**

`arg1` = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (TMP = Temperature)

**Severity**

Severity 3 (Informational)
### TMP0112

**Message**
The arg1 temperature is less than the lower warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

---

### TMP0113

**Message**
The arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
Ambient air temperature is too cool.
**Recommended Response Action**

**Category** System Health (TMP = Temperature)

**Severity** Severity 1 (Critical)

**Trap/EventID** 2161

**LCD Message** The <name> temperature is outside of range. Check Fans

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</table>

**TMP0114**

**Message** The arg1 temperature is greater than the upper warning threshold.

**Arguments**

```
arg1 = name
```

**Detailed Description** Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action** Check system operating environment and review event log for fan failures.

**Category** System Health (TMP = Temperature)

**Severity** Severity 2 (Warning)

**Trap/EventID** 2162

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</table>
**TMP0115**

**Message**  
The arg1 temperature is greater than the upper critical threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response**  
Check system operating environment and review event log for fan failures.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2161

**LCD Message**  
The <name> temperature is outside of range. Check Fans

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**Filter Visibility**

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**LC Log**

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**TMP0116**

**Message**  
The arg1 temperature is outside of range.

**Arguments**  
arg1 = name

**Detailed Description**  
Ambient air temperature is too warm or cool.

**Recommended Response**  
Check system operating environment and review event log for fan failures.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2161

**LCD Message**  
The <name> temperature is outside of range. Check Fans

---

2046
TMP0117

**Message**  
The arg1 temperature is within range.

**Arguments**  
arg1 = name

**Detailed Description**  
None

**Recommended Response**  
No response action is required.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2163

---

**TMP0118**

**Message**  
The system inlet temperature is less than the lower warning threshold.

**Detailed Description**  
Ambient air temperature is too cool.

**Recommended Response**  
Check system operating environment.
Category: System Health (TMP = Temperature)
Severity: Severity 2 (Warning)
Trap/EventID: 2162

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**TMP0119**

**Message:** The system inlet temperature is less than the lower critical threshold.

**Detailed Description:** Ambient air temperature is too cool.

**Recommended Response:** Check system operating environment.

**Category:** System Health (TMP = Temperature)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2161

**LCD Message:** Inlet temperature is lower than critical threshold. Check environment

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**TMP0120**

**Message:** The system inlet temperature is greater than the upper warning threshold.
Ambient air temperature is too warm.

Recommended Response Action
Check system operating environment.

Category
System Health (TMP = Temperature)

Severity
Severity 2 (Warning)

Trap/EventID
2162

### TMP0121

The system inlet temperature is greater than the upper critical threshold.

Ambient air temperature is too warm.

Check system operating environment.

Category
System Health (TMP = Temperature)

Severity
Severity 1 (Critical)

LCD Message
Inlet temperature is greater than upper critical threshold. Check environment
### TMP0122

**Message**
The system inlet temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is outside of range. Check environment

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### TMP0123

**Message**
The system inlet temperature is within range.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

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2050
### TMP0124

**Message**
Disk drive bay temperature is less than the lower warning threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

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### TMP0125

**Message**
Disk drive bay temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161
### TMP0126

**Message**
Disk drive bay temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

---

### TMP0127

**Message**
Disk drive bay temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)
Severity
Severity 1 (Critical)

Trap/EventID
2161

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**TMP0128**

**Message**
Disk drive bay temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

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**TMP0129**

**Message**
Disk drive bay temperature is within range.

**Detailed Description**
None
Recommended Response Action

No response action is required.

Category

System Health (TMP = Temperature)

Severity

Severity 3 (Informational)

Trap/EventID

2163

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**TMP0130**

Message

The control panel temperature is less than the lower warning threshold.

Detailed Description

Ambient air temperature is too cool.

Recommended Response Action

Check system operating environment.

Category

System Health (TMP = Temperature)

Severity

Severity 2 (Warning)

Trap/EventID

2162

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2054
**TMP0131**

**Message**  
The control panel temperature is less than the lower critical threshold.

**Detailed Description**  
Ambient air temperature is too cool.

**Recommended Response**  
Check system operating environment.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2161

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**TMP0132**

**Message**  
The control panel temperature is greater than the upper warning threshold.

**Detailed Description**  
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response**  
Check system operating environment and review event log for fan failures.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2162

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The control panel temperature is greater than the upper critical threshold.

Ambient air temperature is too warm or one or more fans may have failed.

Check system operating environment and review event log for fan failures.

System Health (TMP = Temperature)
Severity 1 (Critical)
2161

The control panel temperature is outside of range.

Ambient air temperature is too warm or cool.

Check system operating environment and review event log for fan failures.

System Health (TMP = Temperature)
Severity 1 (Critical)
2161
TMP0135

Message: The control panel temperature is within range.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (TMP = Temperature)
Severity: Severity 3 (Informational)
Trap/EventID: 2163

TMP0136

Message: The system is automatically turned off because of insufficient cooling.
Detailed Description: The system is automatically turned off because of insufficient cooling.
Recommended Response Action: Replace the fans that have stopped functioning, or add the minimum number of fans recommended. For more information, see the system Owners Manual available at the support site.
Category: System Health (TMP = Temperature)
**Severity**  Severity 1 (Critical)  
**Trap/EventID**  2161  
**LCD Message**  Insufficient system cooling detected. Check fans

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**TMP0137**

**Message**  The system cooling is working normally.
**Detailed Description**  The system cooling is working normally.
**Recommended Response Action**  No response action is required.
**Category**  System Health (TMP = Temperature)
**Severity**  Severity 3 (Informational)
**Trap/EventID**  2163

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**TMP0138**

**Message**  The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload.
**Detailed Description**
Disabling the C1E state in servers with processors that have their Thermal Design Power (TDP) value set to equal to or greater than 155 Watt results in increased fan speed during high CPU workloads.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

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**TMP0200**

**Message**
CPU \( arg1 \) temperature is less than the lower warning threshold.

**Arguments**
\( arg1 = \) number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

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2059
**TMP0201**

**Message**
CPU arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
CPU <number> temperature is outside of range. Check fans

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**CMC**

**TMP0202**

**Message**
CPU arg1 temperature is greater than the upper warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response**
Check system operating environment, fans, and heatsinks.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162
### TMP0203

**Message**

CPU arg1 temperature is greater than the upper critical threshold.

**Arguments**

\[arg1 = \text{number}\]

**Detailed Description**

System performance may be degraded.

**Recommended Response**

Check system operating environment, fans, and heatsinks.

**Category**

System Health (TMP = Temperature)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2161

**LCD Message**

CPU <number> temperature is outside of range. Check fans

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### TMP0204

**Message**

CPU arg1 temperature is outside of range.

**Arguments**

\[arg1 = \text{number}\]

**Detailed Description**

System performance may be degraded.

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</table>
Recommended Response Action
Check system operating environment, fans, and heatsinks.

Category System Health (TMP = Temperature)
Severity Severity 1 (Critical)
Trap/EventID 2161
LCD Message CPU <number> temperature is outside of range. Check fans

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**TMP0205**

Message CPU arg1 temperature is within range.
Arguments $arg1 = number$
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (TMP = Temperature)
Severity Severity 3 (Informational)
Trap/EventID 2163

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TMP0300

Message: The Enhanced Cooling Mode feature is enabled.
Detailed Description: The Enhanced Cooling Mode feature is enabled.
Recommended Response: No response action is required.
Category: System Health (TMP = Temperature)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

TMP0301

Message: The Enhanced Cooling Mode feature is disabled.
Detailed Description: The Enhanced Cooling Mode feature is disabled.
Recommended Response: No response action is required.
Category: System Health (TMP = Temperature)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

TMP0302

Message: Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available.
Detailed Description: The Enhanced Cooling Mode feature cannot be enabled because the necessary power or fan configuration is not available.
Recommended Response: Do the following: 1) Check the available power and the fan configuration. 2) If the required power for Enhanced Cooling mode is not available, remove other chassis components which are not being used in order to obtain sufficient power. 3) If the fan configuration does not support Enhanced Cooling Mode, replace unsupported fans with supported ones. 4) If the issue persists, contact your service provider.
Category: System Health (TMP = Temperature)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
TMP1000

Message
arg1 exceeded the maximum warning threshold.

Arguments
arg1 = tempsensor name

Detailed Description
The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

Recommended Response Action
Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

Category
Storage (TMP = Temperature)

Severity
Severity 2 (Warning)

Trap/EventID
4210

OMSA Event ID
2100

OMSA Trap ID
105300

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TMP1001

Message
arg1 has crossed the minimum warning threshold.

Arguments
arg1 = tempsensor name

Detailed Description
The enclosure is too cold.

Recommended Response Action
Check whether the thermostat setting is too low and whether the room temperature is too cool.

Category
Storage (TMP = Temperature)

Severity
Severity 2 (Warning)
**TMP1002**

**Message**

arg1 has exceeded the maximum failure threshold.

**Arguments**

arg1 = tempsensor name

**Detailed Description**

The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

**Recommended Response**

Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

**Category**

Storage (TMP = Temperature)

**Severity**

Severity 1 (Critical)

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** Trap/EventID 4210**
**OMSA Event ID 2101**
**OMSA Trap ID 105300**

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** Trap/EventID 4209**
**OMSA Event ID 2102**
**OMSA Trap ID 105400**

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2065
**TMP1003**

**Message**: arg1 has crossed the minimum failure threshold.

**Arguments**: arg1 = tempsensor name

**Detailed Description**: The enclosure is too cold.

**Recommended Response**: Check whether the thermostat setting is too low and whether the room temperature is too cool.

**Category**: Storage (TMP = Temperature)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 4209

**OMSA Event ID**: 2103

**OMSA Trap ID**: 105400

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**TMP1004**

**Message**: The temperature sensor arg1 is now within configured threshold values.

**Arguments**: arg1 = temperature sensor name

**Detailed Description**: The enclosure temperature sensor identified in the message is operating within the upper and lower configured temperature thresholds.

**Recommended Response**: No response action is required.

**Category**: Storage (TMP = Temperature)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 4211

2066
The temperature probe maximum warning value was changed on arg1.

Arguments
arg1 = Enclosure name

Detailed Description
You have changed the value for the maximum temperature probe warning threshold. This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (TMP = Temperature)

Severity
Severity 3 (Informational)

Trap/EventID
4211

OMSA Event ID
2154

OMSA Trap ID
105100
Detailed Description
A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category
System Health (TMP = Temperature)

Severity
Severity 1 (Critical)

OMSA Event ID
5050

---

### TMP501

**Message**
Unable to read the arg1 sensor value.

**Arguments**
arg1 = sensor name

**Detailed Description**
A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5051

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**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**
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**CMC**

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**
✔

**CMC**

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2068
### TMP502

**Message**
The arg1 sensor has returned to a normal state with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The sensor identified in the message has returned to a normal state.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5052

**OMSA Trap ID**
5052

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### TMP503

**Message**
The arg1 sensor state has changed to a warning state with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The temperature sensor identified in the message is faulty, or the temperature exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the
temperature sensor (if applicable) such that it corresponds to the hardware configuration.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5053

**OMSA Trap ID**
5053

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**Message**
The arg1 sensor has detected an error with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The temperature sensor identified in the message is faulty, or the temperature exceeds the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Review system power policy, check system logs for temperature related failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5054

**OMSA Trap ID**
5054

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2070
TMP505

Message
The arg1 sensor has failed with a value of arg2 degrees Celsius.

Arguments
arg1 = sensor name, arg2 = temperature

Detailed Description
The temperature sensor identified in the message has failed.

Recommended Response
Verify the Embedded System Management (ESM) Log for any sensor related faults.
If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category
System Health (TMP = Temperature)

Severity
Severity 1 (Critical)

OMSA Event ID
5055

OMSA Trap ID
5055

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SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔*

CMC

LC Log

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

iDRAC

CMC

TMP6

Message
The temperature probe minimum warning value was changed on arg1 .

Arguments
arg1 = Enclosure name

Detailed Description
You have changed the value for the minimum temperature probe warning threshold. This alert is provided for informational purposes.

Recommended Response
No response action is required.

Category
Storage (TMP = Temperature)

Severity
Severity 3 (Informational)

OMSA Event ID
2155

OMSA Trap ID
105100
### TMP7

**Message**

arg1 has failed.

**Arguments**

*arg1* = Temp Sensor Name

**Detailed Description**

A device has been failed and the system is no longer functioning in optimal condition.

**Recommended Response Action**

Replace the device.

**Category**

Storage (TMP = Temperature)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4209

### TMP8500

**Message**

I/O Module *arg1* temperature exceeded operating range.

**Arguments**

*arg1* = iom slot name

**Detailed Description**

The temperature of the I/O Module identified in the message has increased beyond the operational range. Thermal protection shut down the I/O Module. Factors external to the I/O Module may have caused this situation.
**Recommended Response Action**

Check the chassis event log for fan issues and fix any issues present. If no fan issues are detected, check chassis ambient temperature and make sure the temperature is within operating range. Utilize the RACADM command "racadm getsensorinfo" to check the chassis ambient temperature.

**Category**

Audit (TMP = Temperature)

**Severity**

Severity 1 (Critical)

---

**TMP8501**

**Message**

Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system.

**Detailed Description**

System was unable to read planar board or control panel temperature sensors. The fan speed was increased to protect system hardware.

**Recommended Response Action**

Remove AC power from the system and reapply AC power. Check to see if the issue is resolved. If the issue persists, contact your service provider.

**Category**

Audit (TMP = Temperature)

**Severity**

Severity 2 (Warning)

---

**TMP8502**

**Message**

Able to read planar board temperature sensors. Cooling set for normal chassis operation.
**Detailed Description**
The system has recovered from being unable to read planar board or control panel temperature sensors.

**Recommended Response Action**
No response action required.

**Category**
Audit (TMP = Temperature)

**Severity**
Severity 3 (Informational)

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2074
TMPS Event Messages

TMPS0100

Message
Inlet temperature is above warning level for extended duration.

Detailed Description
<font face="Calibri">Inlet temperature has been above the warning threshold for duration of 8% or more for the operational time during the last one year.</font>

Recommended Response
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 2 (Warning)

Trap/EventID
2522

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔
✔
✔
✔
✔

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔

CMC

TMPS0101

Message
Inlet temperature is above critical level for extended duration.

Detailed Description
<font face="Calibri">Inlet temperature has been above the critical threshold for duration of 0.8% or more for the operational time during the last one year.</font>

Recommended Response
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 2 (Warning)

Trap/EventID
2522
### TMPS0102

**Message**  
Inlet temperature is above warning level for extended duration.

**Detailed Description**  
<font face="Calibri">Inlet temperature has been above the warning threshold for duration of 10% or more for the operational time during the last one year.</font>

**Recommended Response**  
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

**Category**  
System Health (TMPS = Temperature Statistics)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2521

### TMPS0103

**Message**  
Inlet temperature is above critical level for extended duration.

**Detailed Description**  
<font face="Calibri">Inlet temperature has been above the critical threshold for duration of 1% or more for the operational time during the last one year.</font>

**Recommended Response**  
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

**Category**  
System Health (TMPS = Temperature Statistics)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 1 (Critical)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trap/EventID</td>
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<td>✔</td>
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<td>✔</td>
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<td></td>
</tr>
</tbody>
</table>
# TST Event Messages

## TST100

<table>
<thead>
<tr>
<th>Message</th>
<th>The operation was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation completed successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## TST101

<table>
<thead>
<tr>
<th>Message</th>
<th>Resource allocation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation did not complete successfully because of lack of memory or file space in the iDRAC firmware.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset the iDRAC and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## TST102

<table>
<thead>
<tr>
<th>Message</th>
<th>Email alert destination address not configured.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The destination address of the email is not configured.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Configure the email alert destination address and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**TST103**

<table>
<thead>
<tr>
<th>Message</th>
<th>Missing parameters arg1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = parameter names</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>One or more required parameters needed for the operation are missing.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**TST104**

<table>
<thead>
<tr>
<th>Message</th>
<th>SNMP traps not configured.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The SNMP trap being tested is not properly configured.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Configure the SNMP trap and retry the operation. If the issue persists, reset iDRAC.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**TST105**

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid parameter value for arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = parameter name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The value provided for the specified parameter is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (TST = Test Alert)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
| **TST106** |
|-------------|---------------------------------------------------------------|
| **Message** | Email alert destination address not configured.               |
| **Detailed Description** | The email alert being tested is not properly configured. |
| **Recommended Response** | Configure the email alert and retry the operation. If the failure persists, reset iDRAC. |
| **Category** | Configuration (TST = Test Alert)                              |
| **Severity** | Severity 2 (Warning)                                         |

*No alerts are applicable for this message*
### UEFI Event Messages

#### UEFI0000

**Message**
CPU Exception Type 0x00: Divide by Zero (Software).

**Detailed Description**
A CPU type 0x00, divide by zero exception, (type 0x00) occurred in the pre-boot UEFI environment. The software attempted to do a mathematical divide by zero, an illegal operation.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

#### UEFI0001

**Message**
CPU Exception Type 0x03: Breakpoint (Software).

**Detailed Description**
A CPU software breakpoint exception (type 0x03) occurred in the pre-boot UEFI environment. The software used it for debugging purposes.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

<table>
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</tbody>
</table>
## UEFI0004

**Message**
CPU Exception Type 0x06: Invalid Opcode (Software).

**Detailed Description**
A CPU invalid opcode exception (type 0x06) occurred in the pre-boot UEFI environment. The software attempted to execute invalid code.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### iDRAC
- ✔

### CMC

## UEFI0005

**Message**
CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware).

**Detailed Description**
A CPU math coprocessor not available (type 0x07) exception occurred in the pre-boot UEFI environment.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

### iDRAC
- ✔

### CMC
**UEFI0006**

**Message**
CPU Exception Type 0x08: Double Fault (Software).

**Detailed Description**
A CPU double fault exception (type 0x08) occurred.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0007**

**Message**
CPU Exception Type 0x09: Coprocessor Segment Overrun (Software).

**Detailed Description**
A CPU coprocessor segment overrun exception (type 0x09) occurred in the pre-boot UEFI environment.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0008

Message
CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software).

Detailed Description
A CPU invalid task segment state (TSS) exception (type 0x0A) occurred in the pre-boot UEFI environment.

Recommended Response
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0009

Message
CPU Exception Type 0x0B: Segment Not Present (Software).

Detailed Description
A CPU segment not present exception (type 0x0B) occurred in the pre-boot UEFI environment.

Recommended Response
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0010

Message: CPU Exception Type 0x0C: Stack-Segment Fault (Software).
Detailed Description: A CPU stack-segment fault (type 0x0C) exception occurred in the pre-boot UEFI environment.
Recommended Response: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

UEFI0011

Message: CPU Exception Type 0x0D: General Protection (Software).
Detailed Description: A CPU general protection (type 0x0D) exception occurred in the pre-boot UEFI environment.
Recommended Response: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
CPU Exception Type 0x0E: Page Fault (Software).

A CPU page fault (type 0x0E) exception occurred in the pre-boot UEFI environment. A program accessed a page mapped in the virtual address space, but not loaded in physical memory.

Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)
### CPU Exception Type 0x11: Alignment Check (Software)

**Message**
CPU Exception Type 0x11: Alignment Check (Software).

**Detailed Description**
A CPU alignment check exception (type 0x11) occurred in the pre-boot UEFI environment.

**Recommended Response**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

### Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode

**Message**
Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

**Detailed Description**
The BIOS is unable to access the Lifecycle Controller firmware. No Lifecycle Controller functionality is available while in Recovery Mode.

**Recommended Response**
Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.
UEFI0016

Message  Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

Detailed Description  Unable to find a Lifecycle Controller partition. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response  Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.

UEFI0017

Message  Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>Unable to locate a file required to run Lifecycle Controller. No Lifecycle Controller functionality is available while in Recovery Mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response</td>
<td>Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
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</tr>
</tbody>
</table>

**UEFI0018**

<table>
<thead>
<tr>
<th>Message</th>
<th>Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>An internal error occurred. No Lifecycle Controller functionality is available while in Recovery Mode.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
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</tbody>
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</tr>
</tbody>
</table>
**UEFI0019**

**Message**
Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode.

**Detailed Description**
The system boot process did not complete repeatedly due to problems encountered while performing a Lifecycle Controller task for function. No Lifecycle Controller functionality is available while in Recovery Mode.

**Recommended Response**
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**

---

**LC Log**
**LCD**
**OS Log**
**Power Off**
**Power Cycle**
**Reset**
**Chassis Event Proxy**

**iDRAC** ✔

**CMC**

**UEFI0020**

**Message**
The Lifecycle Controller feature is enabled.

**Detailed Description**
The Lifecycle Controller feature is enabled.

**Recommended Response**
No response action is required.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC**

**CMC**
UEFI0021

Message
The Lifecycle Controller feature is disabled.

Detailed Description
The Lifecycle Controller feature is disabled. The feature was disabled because of one of the following conditions: 1) The feature was disabled manually using the F2 System Setup utility or through an iDRAC interface, 2) BIOS encountered an issue starting the feature and automatically disabled it.

Recommended Response
To enable the Lifecycle Controller (LC) feature using F2 System Setup, select the iDRAC Settings > Lifecycle Controller and then select Enabled. If LC becomes disabled automatically, update the Lifecycle Controller firmware or apply the Lifecycle Controller Repair Package.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

UEFI0022

Message
Unable to initialize Management Engine because the Management Engine is not responding.

Detailed Description
The Management Engine firmware cannot be initialized because the Management Engine is not responding.

Recommended Response
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**Message**

BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding.

**Detailed Description**

The End of POST message could not be sent to the Management Engine because the Management Engine is not responding.

**Recommended Response**

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)
**Severity**

**Severity 1 (Critical)**

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**IPMI**

**SNMP**

**Email**

**Remote System Log**

**WS Eventing**

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

---

**UEFI0025**

**Message**

Unable to initialize Management Engine firmware.

**Detailed Description**

The Management Engine firmware cannot be initialized. The BIOS will reset the system to retry the initialization process.

**Recommended Response**

Wait for the BIOS to reset the system and reinitialize the Management Engine. If the issue persists, turn off the input power to the system and turn on again.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

<table>
<thead>
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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

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**UEFI0026**

**Message**

iDRAC is not responding.

**Detailed Description**

iDrac is not responding to BIOS commands. The BIOS will reset the system to retry the initialization process.

**Recommended Response**

Wait for the BIOS to reset the system and reinitialize the iDRAC. If the issue persists, remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.
**UEFI0027**

**Message**
The system must be restarted for the new license to become effective.

**Detailed Description**
A license change for the system or a component in the system requires a system reset in order for the new license to take effect.

**Recommended Response Action**
Wait for the BIOS to reset the system.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**UEFI0028**

**Message**
iDRAC is not responding after a recovery system reset was performed.

**Detailed Description**
The iDRAC is not responding after a recovery system reset was performed. BIOS will continue POST startup with iDRAC in a non functional state.
**Recommended Response Action**

Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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**LC Log**

| **iDRAC** | ✔️ |
| **CMC**   | ✔️ |

**Message**

Unable to initialize iDRAC because of some critical issues.

**Detailed Description**

iDRAC could not be initialized because of some critical issues. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

**Recommended Response Action**

Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware. 3) Continue to boot. Note: This may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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**LC Log**

| **iDRAC** | ✔️ |
| **CMC**   | ✔️ |
UEFI0030

Message: A keyboard device is not connected to the system.
Detailed Description: A keyboard device is not connected to the system.
Recommended Response: Connect a keyboard device to the system.
Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔* | | | | |
CMC | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | |
CMC | | | | | | |

UEFI0031

Message: PCIe downtrain is detected on \textit{arg1}. Expected link width: \textit{arg2} Actual link width: \textit{arg3}
Arguments: \textit{arg1} = device location, \textit{arg2} = size, \textit{arg3} = size
Detailed Description: The PCIe device identified in the message was not trained at the expected link width.
Recommended Response: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the firmware on the PCIe device.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | | | | | |
CMC | | | | | |
**UEFI0032**

**Message**
Unable to initialize the TPM chip because the TPM chip is not functioning.

**Detailed Description**
The TPM chip cannot be initialized because the TPM chip is not functioning.

**Recommended Response**
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**UEFI0033**

**Message**
Default system BIOS settings are in use because NVRAM_CLR jumper is installed on the system board.

**Detailed Description**
The NVRAM_CLR jumper is installed to clear the BIOS configuration. After clearing the BIOS configuration, remove the NVRAM_CLR jumper so that the system can function normally and any non-default BIOS system setting changes can be persistently saved.

**Recommended Response**
To change the system BIOS settings and persistently save the settings, remove the NVRAM_CLR jumper and then go to the System Setup to configure system settings.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)
### UEFI0034

**Message**

A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Detailed Description**

A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Recommended Response**

Go to the System Setup to configure system settings, system time and date.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

---

### UEFI0035

**Message**

The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Detailed Description**

The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Recommended Response**

To enable the BIOS passwords, install the PWRD_EN jumper.

**Category**

Configuration (UEFI = UEFI Event)
UEFI0036

Message: Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface.

Detailed Description: The iDRAC Shared Memory Architecture (SMA) interface cannot be initialized. The BIOS will use the Keyboard Controller Style (KCS) interface.

Recommended Response: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)
**Recommended Response Action**

Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0038**

**Message**
Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface.

**Detailed Description**
Unable to communicate with iDRAC because an expected interrupt(s) from the iDRAC SMA (Shared Memory Architecture) interface did not happen. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as active power management, thermal management.

**Recommended Response Action**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
**UEFI0039**

**Message**
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI).

**Detailed Description**
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI). Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

**Recommended Response**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing**
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**iDRAC** | ✔* | | | | |
**CMC** | | | | | |

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---
**iDRAC** | ✔* | | | | | |
**CMC** | | | | | | |

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**UEFI0040**

**Message**
The TXT feature is disabled because of an unexpected issue.

**Detailed Description**
The TXT has been disabled due to an unexpected issue. Check the SEL (System Event Log) for details of the issue.

**Recommended Response**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the BIOS firmware on the system. For information about the issue, see System Event Log (SEL).

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
Message
Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.

Detailed Description
Unable to turn on the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.

Recommended Response
From System Setup, enable VT, and then enable TXT. If the issue persists, update the system BIOS firmware.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**UEFI0043**

**Message**: Unable to enable the TXT feature because the processor does not support TXT.

**Detailed Description**: Unable to enable the TXT feature because the processor does not support TXT.

**Recommended Action**: Install a TXT-capable processor and retry the operation.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)

---

**UEFI0044**

**Message**: Unable to enable the TXT feature because the motherboard chipset does not support TXT.

**Detailed Description**: Unable to enable the TXT feature because the processor does not support TXT.
Recommended Response Action Contact your service provider.

Category Configuration (UEFI = UEFI Event)

Severity Severity 2 (Warning)

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**UEFI0045**

**Message** Unable to enable the TXT feature because a TPM chip is not present.

**Detailed Description** Unable to enable the TXT feature because a TPM chip is not present.

**Recommended Response Action** Install a TPM chip module by following the installation procedure. Refer to the platform Owners Manual for more information or contact your service provider.

**Category** Configuration (UEFI = UEFI Event)

**Severity** Severity 2 (Warning)

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**UEFI0046**

**Message** An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.
An issue in observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.

Do one of the following: 1) Update the BIOS firmware. 2) Go to System Setup > System Security page, click the “Clear” option under TPM command. Restart the system, go to System Setup > System Security page, click the “Activate” option under TPM command, and then enable TXT.

System Health (UEFI = UEFI Event)

Severity 1 (Critical)

One or more keys in the keyboard is stuck and not functional.

Make sure that the key is not stuck in the keyboard and retry the operation.

System Health (UEFI = UEFI Event)

Severity 2 (Warning)
UEFI0048

Message: The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning.

Detailed Description: The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller firmware could not be accessed or run properly.

Recommended Response Action: Repair Lifecycle Controller using the Update Package. For more information, see the Lifecycle Controller Users Guide.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC ✔

CMC

UEFI0049

Message: Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated.

Detailed Description: The NMI button cannot be enabled because either the NMI button is stuck or iDRAC firmware is not updated.

Recommended Response Action: Correct the NMI button if stuck or update iDRAC firmware on the system.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC ✔

CMC

2106
**UEFI0050**

**Message**
The process of collecting Brand information is started.

**Detailed Description**
The rebranding process is started.

**Recommended Response Action**
No response action is required.

**Category**
Work Notes (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

**UEFI0051**

**Message**
Brand information is successfully collected. The system is being restarted.

**Detailed Description**
Brand information is successfully collected. The system is being restarted. The rebranding process is completed.

**Recommended Response Action**
No response action is required.

**Category**
Work Notes (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)
UEFI0052

Message: Unable to complete the rebranding operation because of the issue(s) displayed earlier.

Detailed Description: The rebranding process cannot be completed because of the reasons identified on the computer screen.

Recommended Response Action: Do one of the following and retry the operation: 1) Update the iDRAC firmware. 2) Update the system BIOS. 3) Update the OEM ID module.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

UEFI0053

Message: The debranding process is started.

Detailed Description: The debranding process is started.

Recommended Response Action: No response action is required.

Category: Work Notes (UEFI = UEFI Event)

Severity: Severity 3 (Informational)
Debranding process is completed. The system is being restarted.

Recommended Response Action
No response action is required.

Category
Work Notes (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Related Messages
UEFI0055

Unable to complete the debranding operation because of the issue(s) displayed earlier.

Recommended Response Action
Check the screen display for details of the failure. Retry the debrand process again, or update the system BIOS and then retry.

Category
System Health (UEFI = UEFI Event)
**UEFI0056**

*Message:* A PCIe error has occurred.

*Detailed Description:* The PCIe error is logged during Power-on-Self-Test (POST). The error could have occurred during either the current or the previous POST.

*Recommended Response:* Check the System Event Log (SEL) to identify the PCIe device that is not functioning correctly, and then update the device firmware.

*Category:* System Health (UEFI = UEFI Event)

*Severity:* Severity 1 (Critical)

---

**UEFI0057**

*Message:* A Machine-Check Exception (MCE) error has occurred.

*Detailed Description:* The MCE is logged during Power-on-Self-Test (POST). MCE could have occurred during either the current or the previous POST.

*Recommended Response:* Check the System Event Log (SEL) to identify Machine-Check Exception (MCE) event source. Resolve the issue identified in the SEL that caused the MCE. For further information, contact your service provider.
## UEFI0058

**Message**
An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

**Detailed Description**
Uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

**Recommended Response**
Check the System Event Log (SEL) to identify the non-functioning DIMM, and then replace it.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

## UEFI0059

**Message**
The Power Supply Units (PSUs) in the system do not match.

**Detailed Description**
The Power Supply Units (PSUs) in the system do not match.
**Recommended Response Action**
Check the PSU types and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0060**

**Message**
Power required by the system exceeds the power supplied by the Power Supply Units (PSUs).

**Detailed Description**
Power required by the system exceeds the power supplied by the PSUs. Continuing to restart the system may automatically turn off the system without any notification.

**Recommended Response Action**
Check the PSU and system configuration, and then upgrade the PSU, if necessary.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0061**

**Message**
The request to change attributes is being processed.
The request to change one or more attribute(s) is being processed.

No response action is required.

Updates (UEFI = UEFI Event)

Severity 3 (Informational)

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UEFI0062

One or more attributes are successfully changed.

One or more attributes were successfully changed.

No response action is required.

Updates (UEFI = UEFI Event)

Severity 3 (Informational)

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iDRAC ✔

CMC

2113
UEFI0063

Message
Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block.

Detailed Description
An attribute cannot be successfully configured because of an issue in the ACI data block.

Recommended Response
Check the ACI data block for any invalid configuration data and settings, and then retry the operation. If the issue persists, contact your service provider.

Category
Updates (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

UEFI0064

Message
One or more attributes are successfully configured. The system is being restarted.

Detailed Description
One or more attributes were successfully configured. The system will be automatically restarted.

Recommended Response
No response action is required.

Category
Updates (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC

2114
UEFI0065

Message
One or more attributes are successfully configured. The system will be automatically turned off in 5 seconds.

Detailed Description
One or more attributes are successfully configured. The system is automatically turned off in 5 seconds.

Recommended Response Action
No response action is required.

Category
Updates (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

UEFI0066

Message
A PCIe Link failure is observed in the device identified in the message and device link is disabled. The system will be halted.

Arguments
arg1 = PCIe device

Detailed Description
A PCIe Link failure is observed in the device identified in the message and device link is disabled. The system will be halted.

Recommended Response Action
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**Message**
A PCIe link training failure is observed in arg1 and device link is disabled.

**Arguments**
arg1 = PCIe device

**Detailed Description**
A PCIe link failure is observed in the PCIe device identified in the message and device link is disabled.

**Recommended Response**
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**Message**
The mezzanine card configuration used is not supported on this Chassis.

**Detailed Description**
The mezzanine card configuration used is not supported on this Chassis. Server modules used in different Chassis may require cards with different configuration properties. For more information, contact your service provider.

**Recommended Response**
Make sure that a supported mezzanine card is used and retry the operation. For more information, see the platform Owners Manual of the Chassis available at the support site.
**UEFI0069**

**Message**
A CMOS checksum error has occurred. CMOS is reinitialized.

**Detailed Description**
A CMOS checksum error has occurred resulting in an invalid BIOS configuration. BIOS configuration is reset to default settings.

**Recommended Response**
Go to the System Setup and configure the desired settings. Save and exit to apply the settings.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**UEFI0070**

**Message**
One or more correctable PCIe errors have occurred.

**Detailed Description**
One or more correctable PCIe errors have occurred. Data about the errors are logged into SEL during the POST operation.
Recommended Response Action

Category System Health (UEFI = UEFI Event)
Severity Severity 1 (Critical)

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**UEFI0071**

Message One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

Detailed Description One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

Recommended Response Action Connect the missing network interface card to the system and enable the UEFI network interface in System Setup.

Category Configuration (UEFI = UEFI Event)
Severity Severity 2 (Warning)

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**UEFI0072**

Message Unable to load the firmware from arg1 because of the Secure Boot policy.
Arguments

arg1 = device name

Detailed Description

When the Secure Boot feature is enabled, the system BIOS authenticates each UEFI driver against the Secure Boot policy. If a UEFI driver does not meet the policy criteria, the system BIOS does not load or execute the UEFI driver and displays this message at the end of POST. The Secure Boot policy consists of authorized and unauthorized X.509 certificates; signed drivers must chain to an authorized certificate. The policy may also authorize hash values of individual UEFI driver images. Users can configure the Secure Boot feature and the Secure Boot policy in F2 System Setup > System BIOS > Security Settings page.

Recommended Response Action

If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) Make sure the firmware on the failing device is up-to-date. 2) If subsequent failures occur, review the Secure Boot Policy Summary in System Setup > System BIOS > Security Settings page. The device firmware must be authorized by a public key or hash value in the Authorized Signature Database. The public key or hash value must not be present in the Forbidden Signature Database.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 2 (Warning)

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

Remote System Log

WS Eventing

iDRAC

CMC

LC Log

LCD

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

iDRAC ✔

CMC

UEFI0073

Message

Unable to boot arg1 because of the Secure Boot policy.

Arguments

arg1 = Boot Option name

Detailed Description

When the Secure Boot feature is enabled, the system BIOS authenticates each boot option against the Secure Boot policy. If a boot option does not meet the policy criteria, the system BIOS does not boot to the boot option and displays this message. The Secure Boot policy consists of authorized and unauthorized X.509 certificates; signed boot images must chain to an authorized certificate. The policy may also authorize hash values of individual boot images. Users can configure the Secure Boot feature and the Secure Boot policy in System Setup > System BIOS > Security Settings page.

Recommended Response Action

If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) review the Secure Boot Policy Summary in F2 System Setup > System BIOS > Security Settings page. The boot option must be authorized by a public key or hash value in the Authorized Signature Database.
Signature Database. 2) If the boot option is not authorized but it can be trusted, enter System Setup > System BIOS > Security Settings page, set Secure Boot Policy to Custom, and add a entry for the boot option in the Authorized Signature Database (System Setup > System BIOS > Security Settings > Custom Policy Settings > Authorized Signature Database > Import Database Entry).

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

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**UEFI0074**

**Message**  
The Secure Boot policy has been modified since the last time the system was started.

**Detailed Description**  
The system BIOS logs this message after detecting a change in Secure Boot policy settings. Such a change may result from user configuration or a system BIOS update. Changes to the following settings trigger this message: 1) Secure Boot (Enable/Disable) 2) Secure Boot Policy (Standard/Custom) 3) Platform Key 4) Key Exchange Keys 5) Authorized Signature Database (db) 6) Forbidden Signature Database (dbx).

**Recommended Response**  
Review the Secure Boot policy settings in System Setup > System BIOS > Security Settings page. If policy changes were expected, no action is necessary. Otherwise, modify the Secure Boot policy settings as needed.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

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UEFI0075

Message: Network Daughter Card 1 is not detected.

Detailed Description: The Network Daughter Card 1 is not detected.

Recommended Response: Install a Network Daughter Card in the system.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

---

UEFI0076

Message: One or more Corrected Machine Check (CMC) errors have occurred.

Detailed Description: A Corrected Machine Check error(s) has occurred.

Recommended Response: Check the System Event Log (SEL) to identify the Corrected Machine Check (CMC) errors. Resolve the issue identified in the SEL that caused the CMC.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)
UEFI0077

Message
One or more PCIe device errors occurred in the previous boot.

Detailed Description
One or more PCIe device errors occurred in the previous boot.

Recommended Response
Check the System Event Log (SEL) to identify the PCIe device with errors, and then update its firmware.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

---

UEFI0078

Message
One or more Machine Check errors occurred in the previous boot.

Detailed Description
One or more Machine Check errors occurred in the previous boot.

Recommended Response
Check the System Event Log (SEL) to identify the source of the Machine Check error and resolve the issues.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0079

Message: One or more Uncorrectable Memory errors occurred in the previous boot.

Detailed Description: One or more Uncorrectable Memory errors occurred in the previous boot.

Recommended Response: Check the System Event Log (SEL) to identify the non-functional DIMM, and then replace the DIMM.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

UEFI0080

Message: PCIe link speed is not optimal for arg1. Expected link speed: Gen arg2 and actual link speed: Gen arg3.

Arguments: arg1 = PCIe device, arg2 = generation number, arg3 = generation number

Detailed Description: The PCIe link speed is not optimal for the identified PCIe device.

Recommended Response: Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)
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**UEFI0081**

**Message**

Memory size has changed from the last time the system was started.

**Detailed Description**

Memory size has changed from the last time the system was started. No action is required if memory was added or removed.

**Recommended Response**

If the change is expected, no action is necessary. Otherwise, check the DIMM population inside the system and memory settings in System Setup for configuration changes. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)
### UEFI0083

**Message:** One or more PCI System errors (SERR) have occurred.

**Detailed Description:** One or more PCI System errors (SERR) have occurred.

**Recommended Response:** Check the System Event Log (SEL) to identify the PCI device that caused the SERR. Update the identified device firmware. If the issue persists, contact your service provider.

**Category:** System Health (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)

---

### UEFI0084

**Message:** One or more PCI Parity errors (PERR) have occurred.

**Detailed Description:** One or more PCI Parity errors (PERR) have occurred.

**Recommended Response:** Check the System Event Log (SEL) to identify the PCI device that caused the PERR. Update the identified device firmware. If the issue persists, contact your service provider.

**Category:** System Health (UEFI = UEFI Event)

**Severity:** Severity 1 (Critical)
One or more chipset errors have occurred.

Recommended Action:
- Check the System Event Log (SEL) to identify the chipset error. Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: arg1.

Arguments:
- arg1 = slot number

Detailed Description:
Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on the RDIMM memory slot identified in the message.

Recommended Response:
- Remove the unsupported SODIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.
UEFI0087

Message
Unsupported 4Gb technology DIMM module is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

Recommended Response
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0088

Message
Unsupported 8Gb technology DIMM module is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported 8Gb technology DIMM module is installed on the memory slot identified in the message.
Recommended Response Action

Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 1 (Critical)

---

**UEFI0089**

Message

Incompatible x16 data bus width DIMM is installed on memory slot: arg1.

Arguments

arg1 = slot number

Detailed Description

Incompatible x16 data bus width DIMM is installed on the memory slot identified in the message.

Recommended Response Action

Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 1 (Critical)

---

**UEFI0090**

Message

A DIMM with an incompatible number of ranks is installed on memory slot: arg1.

---
**Arguments**

arg1 = slot number

**Detailed Description**

A DIMM with an incompatible number of ranks is installed on the memory slot identified in the message.

**Recommended Response**

Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

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**UEFI0091**

**Message**

A Quad-Rank (QR) DIMM is installed on memory slot: arg1. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

**Arguments**

arg1 = slot number

**Detailed Description**

A Quad-Rank (QR) DIMM is installed on the memory slot identified in the message. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

**Recommended Response**

Install the QR DIMM in the correct channel. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

<table>
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</table>
UEFI0092

Message
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Detailed Description
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Recommended Response
Check the total number of ranks in each channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0093

Message
The DIMM installed on the memory slot: arg1 does not meet the minimum supported frequency.

Arguments
arg1 = slot number

Detailed Description
The DIMM installed on the memory slot identified in the message does not meet the minimum supported frequency.

Recommended Response
Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0094

Message
Unsupported Non-ECC memory module is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported Non-ECC memory module is installed on the memory slot identified in the message.

Recommended Response
Remove all Non-ECC DiMMs and replace them with ECC DiMMs. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0095

Message
A DIMM with unsupported voltage is installed on memory slot arg1.

Arguments
arg1 = Slot

Detailed Description
A DIMM with unsupported voltage is installed on the memory slot identified in the message.

Recommended Response
Remove the unsupported DIMM module and replace it with a DIMM with a supported voltage. For more information, see the platform Owners Manual.
### UEFI0096

**Message**
Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode.

**Detailed Description**
The Advanced ECC memory operating mode cannot be enabled because the current DIMM population or system configuration does not support Advanced ECC mode.

**Recommended Response**
Check DIMM population and system configuration to make sure Advanced ECC memory operating mode can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

### UEFI0097

**Message**
Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations.

**Detailed Description**
The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.
**Recommended Response**

Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

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**UEFI0098**

**Message**
The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: `arg1`. As a result, the corresponding DIMM has been disabled.

**Arguments**

`arg1` = slot number

**Detailed Description**
The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: `<slot number>`. As a result, the corresponding DIMM has been disabled.

**Recommended Response**

Replace the DIMM module identified in the message. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

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**UEFI0099**

**Message**
Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature.

**Detailed Description**
The Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

**Recommended Response**
Check the DIMM population and hardware configuration to make sure the Memory Mirroring feature can be supported. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

---

**iDRAC**

**CMC**

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

---

**iDRAC** ✔

**CMC**

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**UEFI0100**

**Message**
Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations.

**Detailed Description**
The Memory Mirroring feature cannot be enabled because of mismatches in the DIMM channel configurations.

**Recommended Response**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

---

**iDRAC**

**CMC**
UEFI0101

**Message**
Total amount of installed memory has exceeded limit.

**Detailed Description**
The total amount of installed memory has exceeded the amount supported by the platform.

**Recommended Response**
Remove memory modules from the system to reduce the total amount of installed memory. For more information on installed memory limit, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

UEFI0102

**Message**
Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature.

**Detailed Description**
The Memory Sparing feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

**Recommended Response**
Check the DIMM population and hardware configuration to make sure Memory Sparing feature can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)
UEFI0103

Message: One or more memory initialization errors have occurred on memory slot: arg1.

Arguments: arg1 = slot

Detailed Description: One or more memory initialization error have occurred on the memory slot identified in the message.

Recommended Response Action: Replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

UEFI0104

Message: The DIMM module on memory slot arg1 is populated out of order in the DIMM channel.

Arguments: arg1 = slot

Detailed Description: The DIMM module on memory slot identified in the message is populated out of order in the channel.
Recommended Response Action
Install DIMM modules in sequential order without skipping any slots in the channel. For more information, see the platform Owners Manual.

Category Configuration (UEFI = UEFI Event)
Severity Severity 2 (Warning)

UEFI0105
Message Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration.
Detailed Description The Cluster on Die (COD) feature cannot be enabled because of an unsupported memory configuration.
Recommended Response Action Make sure to populate all memory channels in the system with a minimum of one DIMM per channel. For more information, see the platform Owners Manual.
Category Configuration (UEFI = UEFI Event)
Severity Severity 2 (Warning)

UEFI0106
Message One or more memory correctable training errors have occurred on memory slot: arg1
Arguments  \( \text{arg1} = \text{slot} \)

Detailed Description  One or more memory correctable training errors have occurred on the memory slot identified in the message.

Recommended Response  Remove input power to the system, reseat the DIMM module and restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 2 (Warning)

---

**UEFI0107**

Message  One or more memory errors have occurred on memory slot: \( \text{arg1} \).

Arguments  \( \text{arg1} = \text{slot} \)

Detailed Description  One or more memory errors have occurred on the memory slot identified in the message. The error occurred during Read DQ/DQS initialization.

Recommended Response  Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

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iDRAC  ✔  *

CMC  

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**Filter Visibility**  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

iDRAC  

CMC  

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**LC Log**  **LCD**  **OS Log**  **Power Off**  **Power Cycle**  **Reset**  **Chassis Event Proxy**

iDRAC  ✔  *

CMC  

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2138
**UEFI0108**

**Message**
One or more memory errors have occurred on memory slot: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot} \)

**Detailed Description**
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Read Receiving Enable initialization.

**Recommended Response**
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0109**

**Message**
One or more memory errors have occurred on memory slot: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot} \)

**Detailed Description**
One or more memory errors have occurred on memory slot identified in the message. The error occurred during write leveling initialization.

**Recommended Response**
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0110

Message: One or more memory errors have occurred on memory slot: arg1.
Arguments: arg1 = slot
Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during Write DQ/DQS initialization.
Recommended Response: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

UEFI0111

Message: One or more memory errors have occurred on memory slot: arg1.
Arguments: arg1 = slot
Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during memory test.
Recommended Response: Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during the LRDIMM interface initialization.

Recommended Response
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**UEFI0114**

**Message**
Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations.

**Detailed Description**
The Fault Resilient Memory (FRM) operating mode cannot be enabled because of mismatches in DIMM channel configurations.

**Recommended Response**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category** Configuration (UEFI = UEFI Event)

**Severity** Severity 2 (Warning)

---

**UEFI0115**

**Message**
The Management Engine firmware has recovered from one or more correctable errors.

**Detailed Description**
The BIOS has recovered the Management Engine after it became unresponsive via the HECI interface. There is no performance degradation and the Management Engine is functioning normally now.
**Recommended Response**
The Management Engine is functioning normally now. No response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

**UEFI0116**

**Message**
One or more boot drivers have reported issue(s).

**Detailed Description**
One or more boot drivers have reported issue(s) via the UEFI Driver Health Protocol.

**Recommended Response**
Check the Driver Health Menu in Boot Manager for details.

---

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**UEFI0117**

**Message**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.
**Detailed Description**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.

**Recommended Response**
Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

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**UEFI0118**

**Message**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

**Detailed Description**
Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

**Recommended Response**
Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

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iDRAC ✔️

CMC
**UEFI0119**

**Message**
The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost.

**Detailed Description**
Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost. The system BIOS should have prompted the user for the rebuild process.

**Recommended Response**
No additional response action is required if you have followed the instructions on the screen to start the rebuild process.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**

**UEFI0120**

**Message**
Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding.

**Detailed Description**
Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding.

**Recommended Response**
Make sure both the SD card media are properly installed and retry the system start up. If the issue persists, replace the SD card media.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**

2145
**UEFI0121**

**Message**
The primary SD card is missing, not responding, or in write-protected mode.

**Detailed Description**
The primary SD card is missing, not responding, or in write-protected mode.

**Recommended Response**
Do one of the following: 1) Install a SD card media in the primary SD card slot. 2) Reseat or replace the SD card media. 3) If write-protected mode is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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**UEFI0122**

**Message**
The secondary SD card is missing, not responding, or in write-protected mode.

**Detailed Description**
The secondary SD card is missing, not responding, or in write-protected mode.

**Recommended Response**
Do one of the following: 1) Install a SD card media in the secondary SD card slot. 2) Reseat or replace the SD card media. 3) If the secondary SD card is intentionally not installed or write-protected mode is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)
**UEFI0123**

**Message**
The secondary SD card has now become the primary SD card.

**Detailed Description**
The secondary SD card has now become the primary SD card.

**Recommended Response**
Check the screen display or the Lifecycle Log for prior messages. If the switch is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

---

**UEFI0124**

**Message**
The size and speed of the secondary SD card do not match those of the primary SD card.

**Detailed Description**
The size and speed of the primary SD card do not match those of the secondary SD card. The secondary SD card needs to have equal or greater capacity and speed than the primary SD card.

**Recommended Response**
Replace the secondary SD card with one that has equal or greater capacity and speed than the primary SD card.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)
**UEFI0125**

**Message**
Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Detailed Description**
Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Recommended Response**
Do one of the following: 1) Reseat or replace the SD card media. 2) Update the iDRAC firmware. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0126**

**Message**
The primary SD card is in write-protected mode.

**Detailed Description**
The primary SD card is in write-protected mode.

**Recommended Response**
No response action is required if this is intentional.

**Category**
Configuration (UEFI = UEFI Event)
### Severity

Severity 3 (Informational)

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#### UEFI0127

**Message**
The secondary SD card is in write-protected mode.

**Detailed Description**
The secondary SD card is write-protected mode.

**Recommended Response Action**
No response action is required if this is intentional.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

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#### UEFI0128

**Message**
Both the primary and secondary SD cards are in write-protected mode.

**Detailed Description**
Both the primary and secondary SD cards are in write-protected mode.

**Recommended Response Action**
No response action is required if this is intentional.
**UEFI0129**

**Message**
The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue.

**Detailed Description**
The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue. This may be because new error codes are coming from the IDSDM firmware and the system BIOS or the iDRAC firmware need to be updated to process correctly.

**Recommended Response**
Do one of the following: 1) Update the system BIOS. 2) Update the iDRAC firmware. 3) Reseat or replace the SD card media. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**UEFI0130**

**Message**
The system time and date are invalid.

**Detailed Description**
The system time and data are invalid.
Recommended Response
Action
Go to the System Setup to set the current time and date.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC

**UEFI0131**

Message
Unable to load one or more option ROMs because of insufficient shadow memory.

Detailed Description
Unable to load one or more option ROMs because of insufficient shadow memory. The option ROM shadow memory is located between C0000h and F0000h.

Recommended Response
Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔*
CMC

**UEFI0132**

Message
Unable to load one or more option ROMs because of insufficient base memory.
Unable to load one or more option ROMs because of insufficient base memory. The base memory is memory below 640K.

Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

Configuration (UEFI = UEFI Event) Severity 2 (Warning)

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC

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Message Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.

Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.

Do one of the following: 1) Go to System Setup and change the VLAN configuration for the PXE device to match that of the iSCSI device. Either both devices must be configured with VLAN enabled or both devices must be configured with VLAN disabled. 2) Change the PXE device interface setting to use a different NIC interface than the NIC interface used by the iSCSI device.

Configuration (UEFI = UEFI Event) Severity 2 (Warning)

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC
UEFI0134

Message: Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.

Detailed Description: Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.

Recommended Response: Do one of the following: 1) Remove unused PCIe card(s) to free up MMIO space. 2) Go to System Setup and enable the Memory Mapped I/O above 4GB option.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

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UEFI0135

Message: Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description: The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by LC partition attach issues.

Recommended Response: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

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Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by missing LC partitions.

Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)
Severity 2 (Warning)
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware is unable to complete a requested task or function.

Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)
Severity 2 (Warning)

Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by LC partition attach issues.
**Recommended Response Action**

Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

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**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy**

| iDRAC | ✔ | |
| CMC | | |

**UEFI0140**

**Message**

Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

**Detailed Description**

The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by missing LC partitions.

**Recommended Response Action**

Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

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**LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy**

| iDRAC | ✔ | |
| CMC | | |

**UEFI0141**

**Message**

Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.
Detailed Description: The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by missing LC files.

Recommended Response: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 2 (Warning)

---

UEFI0142

Message: Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

Detailed Description: The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

Recommended Response: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
UEFI0143

Message  Unsupported processor(s) are installed.
Detailed Description  Unsupported processor(s) are installed.
Recommended Response  Replace the processor(s) with supported ones. For more information about supported processors, contact your service provider.
Category  Configuration (UEFI = UEFI Event)
Severity  Severity 1 (Critical)

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UEFI0144

Message  One or more memory errors have occurred on memory slot: arg1.
Arguments  arg1 = slot ID
Detailed Description  One or more memory errors have occurred on memory slot identified in the message. The error happens during the identification of memory module type or memory size.
Recommended Response  Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, replace the faulty memory module identified in the message.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)

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UEFI0145

**Message**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Detailed Description**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Recommended Response**
Do one of the following: 1) Update the BIOS firmware. 2) Replace the TPM with a supported one. If the issue persists, contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**UEFI0146**

**Message**
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

**Detailed Description**
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

**Recommended Response**
Do one of the following: 1) Restart the system. 2) Update the iDRAC firmware and then restart the system. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)
**UEFI0147**

**Message**
The system hardware or cabling configuration is invalid.

**Detailed Description**
The system hardware or cabling configuration is invalid.

**Recommended Response**
Do the following: 1) Make sure the system cables, risers, and CPU configuration are installed correctly. 2) Reseat each PCIe riser and reconnect the cables. For more information, see the system Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0148**

**Message**
The SAS cable arg1 for the primary SAS expander daughter card is missing or misconfigured.

**Arguments**
arg1 = label number

**Detailed Description**
The SAS cable for the primary SAS expander daughter card is missing or misconfigured.

**Recommended Response**
Check the cable configuration. For more information, see the platform Owners Manual.
**UEFI0149**

**Message**
The PERC storage adapter in arg1 is not supported by the installed storage backplane.

**Arguments**
arg1 = device location

**Detailed Description**
The PERC storage adapter identified in this message is not supported by the installed storage backplane.

**Recommended Response**
Install a compatible storage adapter. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**UEFI0150**

**Message**
The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.
Detailed Description: The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.

Recommended Response: Install a supported backplane configuration. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

iDRAC ✔
CMC

UEFI0151

Message: A PERC storage adapter is installed in arg1 but the internal storage slot is empty. This configuration is not supported.

Arguments: arg1 = slot number

Detailed Description: A PERC storage adapter is installed in a slot identified by this message but the internal storage slot is empty. This configuration is not supported.

Recommended Response: Install a compatible storage adapter in the internal storage slot. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

iDRAC ✔
CMC
UEFI0152

Message
This BIOS is for testing purpose only.

Detailed Description
This is a test BIOS and must not be used in production environment.

Recommended Response
Do not use this BIOS in production.

Category
Work Notes (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Filter Visibility

iDRAC
CMC

UEFI0153

Message
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license. Related DPAT BIOS settings will be lost if the license is not found in three consecutive reboots.

Detailed Description
Unable to find the Dell Processor Acceleration Technology 2.0 (DPAT 2.0) Enterprise license. Related DPAT 2.0 BIOS settings will be lost if the license is not found in three consecutive reboots.

Recommended Response
Do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0154

**Message**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Detailed Description**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Recommended Response**
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
### Category
System Health (UEFI = UEFI Event)

### Severity
Severity 1 (Critical)

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### UEFI0156

#### Message
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.

#### Detailed Description
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.

#### Recommended Response
If the absence of license is expected, no action is necessary. Otherwise do one of the following:
1) Reload the license.
2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.
3) Update the iDRAC firmware.

#### Category
System Health (UEFI = UEFI Event)

#### Severity
Severity 1 (Critical)
UEFI0157

Message: The iDRAC request to reset BIOS to default settings is successfully completed.

Recommended Action: No response action is required.

Category: Work Notes (UEFI = UEFI Event)

Severity: Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC ✔
CMC

UEFI0158

Message: Unable to complete the iDRAC request to reset BIOS to default settings.

Recommended Action: Restart the system and retry the operation. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC
CMC
UEFI0159

Message
Unsupported Unregistered Dual In-line Memory Module (UDIMM) memory is installed on memory slot: \texttt{arg1}

Arguments
\texttt{arg1} = slot number

Detailed Description
Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

Recommended Response
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0160

Message
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit on memory slots: \texttt{arg1}.

Arguments
\texttt{arg1} = slot numbers

Detailed Description
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Recommended Response
Check the total number of ranks in the channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**UEFI0161**

**Message**
An unsupported DIMM population has been detected on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An unsupported DIMM population has been detected on memory slots identified by this message.

**Recommended Response Action**
Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0162**

**Message**
A 3 DIMM Per Channel (DPC) configuration has been detected on a 2 DPC memory buffer.

**Detailed Description**
An incompatibility has been detected between an installed memory buffer and the downstream DDR channel design.

**Recommended Response Action**
Contact your service provider.
**Category** Configuration (UEFI = UEFI Event)

**Severity** Severity 1 (Critical)

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**UEFI0163**

**Message** Unsupported DIMM module with less than 2Gb technology is installed on memory slot: arg1.

**Arguments**

- **arg1** = slot number

**Detailed Description** Unsupported DIMM module with technology less than 2Gb is installed on the memory slot identified in the message.

**Recommended Response** Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category** Configuration (UEFI = UEFI Event)

**Severity** Severity 1 (Critical)

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**UEFI0164**

**Message** Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations on memory slots: arg1.

**Arguments**

- **arg1** = slot numbers
The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.

Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Message: Unable to configure memory interleaving on DIMM modules on memory slots: arg1.
Arguments: arg1 = slot numbers
Detailed Description: Memory could not be interleaved because the number of allowable System Address Decode (SAD) rules exceeded during memory initialization.
Recommended Response: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.
Category: Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
### UEFI0166

**Message**
Unable to configure memory interleaving on DIMM modules on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
Memory could not be interleaved because the number of allowable Target Address Decode (TAD) rules exceeded during memory initialization.

**Recommended Response**
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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### UEFI0167

**Message**
Unable to configure memory interleaving on DIMM modules on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
Memory could not be interleaved because the number of allowable Rank Interleave Register (RIR) rules exceeded during memory initialization.

**Recommended Response**
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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UEFI0168

Message
Unable to configure memory interleaving on DIMM modules on memory slots: \texttt{arg1}.

Arguments
\texttt{arg1} = slot numbers

Detailed Description
Memory could not be interleaved because a negative Target Address Decode (TAD) offset was calculated during memory initialization.

Recommended Response
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

---

UEFI0169

Message
Unable to configure memory interleaving on DIMM modules on memory slots: \texttt{arg1}.

Arguments
\texttt{arg1} = slot numbers

Detailed Description
Memory could not be interleaved because low memory (i.e. memory below the 4GB boundary) cannot be split evenly across processor sockets during memory initialization.

Recommended Response
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**UEFI0170**

**Message**: Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

**Arguments**: arg1 = slot numbers

**Detailed Description**: Memory could not be interleaved because of an attempt to simultaneously configure incompatible A7 mode and Target Address Decode (TAD) 3-way interleave during memory initialization.

**Recommended Response**: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

---

**UEFI0171**

**Message**: A Dual Rank DIMM module is installed on memory slot arg1 after a Single Rank DIMM module.

**Arguments**: arg1 = slot number

**Detailed Description**: A memory population violation has been detected on the identified DIMM slot.
Dual Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Severity 1 (Critical)

Message
A Quad Rank DIMM module is installed on memory slot arg1 after a Single Rank DIMM module.

Arguments
arg1 = slot number

Detailed Description
A memory population violation has been detected on the identified DIMM slot.

Recommended Response
Quad Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Filter Visibility
iDRAC ✔
CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
CMC

2174
UEFI0173

Message  
A Quad Rank DIMM module is installed on memory slot \textit{arg1} after a Dual Rank DIMM module.

Arguments  
\textit{arg1} = slot number

Detailed Description  
A memory population violation has been detected on the identified DIMM slot.

Recommended Response  
Quad Rank DIMM modules must be installed before Dual Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category  
Configuration (UEFI = UEFI Event)

Severity  
Severity 1 (Critical)

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UEFI0174

Message  
A Quad Rank DIMM module is installed on memory slot \textit{arg1} after an Octal Rank DIMM module.

Arguments  
\textit{arg1} = slot number

Detailed Description  
A memory population violation has been detected on the identified DIMM slot.

Recommended Response  
Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category  
Configuration (UEFI = UEFI Event)

Severity  
Severity 1 (Critical)

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UEFI0175

Message
A Octal Rank DIMM module is installed on memory slot arg1 after a Quad Rank DIMM module.

Arguments
arg1 = slot number

Detailed Description
A memory population violation has been detected on the identified DIMM slot.

Recommended Response
Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0176

Message
Multiple Quad Rank DIMM modules are installed on a DDR channel. Refer to DIMM modules on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
A memory population violation has been detected on the identified DIMM slots.

Recommended Response
Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
### UEFI0177

**Message**
A DIMM module is installed on memory slot \textit{arg1} after a Quad Rank DIMM module.

**Arguments**
\textit{arg1} = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response**
Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

### UEFI0178

**Message**
One or more memory correctable training errors have occurred on memory slot: \textit{arg1}.

**Arguments**
\textit{arg1} = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read DQ/DQS error was detected.
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read Receive Enable error was detected.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)
### UEFI0180

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write Leveling error was detected.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

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### UEFI0181

**Message**
One or more memory correctable training errors have occurred on memory slot: arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write DQ/DQS error was detected.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

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### UEFI0182

**Message**
One or more memory correctable training errors have occurred on memory slot: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot number} \)

**Detailed Description**
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Early Vref Centering error was detected.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

### UEFI0183

**Message**
One or more memory errors have occurred on memory slot: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot number} \)

**Detailed Description**
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Early Vref Centering initialization.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Load Reduced DIMM (LR-DIMM) buffer initialization.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Message
Load Reduced DIMM (LR-DIMM) training errors have occurred on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
A Load-Reduced DIMM (LR-DIMM) buffer initialization failure was detected during memory initialization.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

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UEFI0186

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the DC Detection phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Filter Visibility

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UEFI0187

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Clock Detection phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
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Chassis Event Proxy

iDRAC ✔
CMC

UEFI0188

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Host Impedance phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
CMC
UEFI0189

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

Arguments: `arg1` = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Transmit DQS DCC phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

2184
### UEFI0191

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the VCK Reference Clock phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

### UEFI0192

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Clock Alignment phase.
UEFI0193

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Coarse Command Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0194

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Fine Command Training phase.

Recommended Response: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC
CMC

UEFI0195

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Read Training phase.

Recommended Response: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing

iDRAC
CMC
Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Error Training phase.

Recommended Response: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Write Level Fine Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

---

**Message**

An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser \textit{arg1}.

**Arguments**

\textit{arg1} = riser letter

**Detailed Description**

An error occurred during Scalable Memory Interconnect initialization during the Write Level Coarse Training phase.

**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)
**UEFI0201**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Write Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**iDRAC**

**CMC**

---

**UEFI0202**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Health Check phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
**Message**
A failing memory buffer has been detected during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

**Arguments**
- `arg1` = riser letter

**Detailed Description**
A failing memory buffer has been identified on the memory riser identified in the message.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
- `arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Clock Training FIFO Reset phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
An error occurred during DDR memory channel initialization on memory slots: 
arg1.

Arguments  
arg1 = slot numbers

Detailed Description  
An error occurred during DDR memory initialization during the Command Clock Training - Group 0 phase.

Recommended Response  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category  
System Health (UEFI = UEFI Event)

Severity  
Severity 1 (Critical)
Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

---

**UEFI0207**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot numbers} \)

**Detailed Description**
An error occurred during DDR memory initialization during the Command Clock Training - Group 2 phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0208

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments arg1 = slot numbers

Detailed Description An error occurred during DDR memory initialization during the Command Clock Training - Group All phase.

Recommended Response Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)

---

UEFI0209

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments arg1 = slot numbers

Detailed Description An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

Recommended Response Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)
**UEFI0210**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Receive Buffer Vref Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0211**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Transmit Buffer Vref Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0212

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Early Command Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0213

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Read DQ/DQ5 Training phase.
**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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</table>

**UEFI0214**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \( arg1 \).

**Arguments**
\( arg1 = \) slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Basic Receive Enable Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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2198
# UEFI0215

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Basic Write Level Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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</table>

# UEFI0216

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Late Command Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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</table>
UEFI0217

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Write DQ/DQS Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

FILTER
Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
Remote System Log
WS Eventing

UEFI0218

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Write Timing Centering 2D Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Read Timing Centering 2D Training phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

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**UEFI0221**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \textit{arg1}.

**Arguments**
\textit{arg1} = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Read Voltage Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0222

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments  arg1 = slot numbers

Detailed Description  An error occurred during DDR memory initialization during the Round Trip Training phase.

Recommended Response  Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC          | ✔          |            |             |                   |             |
| CMC            |            |            |             |                   |             |

UEFI0223

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments  arg1 = slot numbers

Detailed Description  An error occurred during DDR memory initialization during the Receive Buffer Per Bit Deskew Training phase.

Recommended Response  Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category  System Health (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

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</table>
**UEFI0224**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

**Arguments**
\( \text{arg1} \) = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0225**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

**Arguments**
\( \text{arg1} \) = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the DDR4 LR-DIMM Receive Buffer Training phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**

arg1 = slot numbers

**Detailed Description**

An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Configuration Read phase.

**Recommended Response**

Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)
Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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iDRAC | ✔ | | | |
CMC | | | | | 

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | 
CMC | | | | | | 

UEFI0228

Message
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

Arguments
`arg1` = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Configuration Write phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0229

Message
An error occurred during DDR memory channel initialization on memory slots: $arg1$.

Arguments
$arg1$ = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calibration phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

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UEFI0230

Message
An error occurred during DDR memory channel initialization on memory slots: $arg1$.

Arguments
$arg1$ = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calculation phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

<table>
<thead>
<tr>
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iDRAC

CMC

2207
UEFI0231

Message
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

Arguments
\( \text{arg1} \) = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Read phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0232

Message
An error occurred during DDR memory channel initialization on memory slots: \( \text{arg1} \).

Arguments
\( \text{arg1} \) = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Write phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**UEFI0233**

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - FIFO Reset phase.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

---

**UEFI0234**

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1` = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Memory Test phase.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

---

**UEFI0235**

**Message**: An error occurred during DDR memory channel initialization on memory slots: \( arg1 \).

**Arguments**: \( arg1 = \) slot numbers

**Detailed Description**: An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Calibration phase.

**Recommended Response Action**: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)
UEFI0236

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Write DQ/DQS Training - FIFO Reset phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

<table>
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</table>

UEFI0237

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Write DQ/DQS Training - Memory Test phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

<table>
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</table>
UEFI0238

Message: An error occurred during DDR memory channel initialization on memory slots: `arg1`.
Arguments: `arg1 = slot numbers`
Detailed Description: An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calibration phase.
Recommended Response: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
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CMC | | | | | |

UEFI0239

Message: An error occurred during DDR memory channel initialization on memory slots: `arg1`.
Arguments: `arg1 = slot numbers`
Detailed Description: An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calculation phase.
Recommended Response: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
An error occurred during Voltage Regulator (VR) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Memory Voltage Regulator initialization during the VR0 SVID Ramp phase.

Recommended Response
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

---

**Message**

Unable to enable the requested Partial Mirror size of \(\text{arg1}\) GB due to the current DIMM population or hardware configuration does not support the requested size. \(\text{arg2}\) GB was allocated instead.

**Arguments**

\(\text{arg1} = \text{requested memory size, arg2} = \text{allocated memory size}\)

**Detailed Description**

The Partial Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the requested size.

**Recommended Response Action**

Check the DIMM population and hardware configuration to make sure the requested Partial Mirror size can be supported. For more information, see platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

---

**Message**

Unable to enable the requested Partial Mirror size of \(\text{arg1}\) GB due to the current DIMM population or hardware configuration does not support the requested size. \(\text{arg2}\) GB was allocated instead.

**Arguments**

\(\text{arg1} = \text{requested memory size, arg2} = \text{allocated memory size}\)

**Detailed Description**

The Partial Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the requested size.

**Recommended Response Action**

Check the DIMM population and hardware configuration to make sure the requested Partial Mirror size can be supported. For more information, see platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)
**UEFI0243**

**Message**
Scalable Memory Interconnect (SMI) operating at reduced width on memory riser `arg1`.

**Arguments**
`arg1` = riser letter

**Detailed Description**
The Scalable Memory Interconnect (SMI) channel identified in the message is operating at a degraded width. This allows continued uptime although indicates an error condition requiring further investigation. This may be an early indication of upcoming memory riser failure.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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**UEFI0244**

**Message**
Quick Path Interconnect (QPI) links are operating in slow speed mode.

**Detailed Description**
Quick Path Interconnect (QPI) links failed to come up to full operating frequency.

**Recommended Response**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

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2215
Quick Path Interconnect (QPI) link initialization error detected.

Quick Path Interconnect (QPI) initialization encountered a programmatic error. Link option mismatch detected.

Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)

Severity 1 (Critical)
Quick Path Interconnect (QPI) initialization error detected.

Quick Path Interconnect (QPI) initialization encountered a programmatic error. The requested Memory Mapped IO (MMIOH) size is not supported. MMIOH allocation was forced instead.

Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)

Severity 1 (Critical)
Quick Path Interconnect (QPI) initialization error detected.

Quick Path Interconnect (QPI) initialization encountered a programmatic error. A requested resource could not be allocated. Resource was forced to maximum possible value instead.

Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)
Severity 1 (Critical)
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

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**UEFI0251**

**Message**
Memory riser arg1 is populated behind an empty processor socket.

**Arguments**
arg1 = riser number

**Detailed Description**
A memory riser was detected behind an empty processor socket. Memory must be installed behind a populated processor socket in order to be recognized by the system and available for usage. Check to make sure processors and memory are installed in a supported configuration.

**Recommended Response**
Do the following: 1) Remove input power to the system, 2) Populate processors and memory in a supported configuration and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

<table>
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**UEFI0252**

**Message**
Unable to boot a boot option because the watchdog timer has expired. System will reset.
**Detailed Description**
The watchdog timer is armed before the BIOS boot manager invokes an UEFI boot option. The watchdog is set to a period of 5 minutes. The Operating System boot loader from the boot option is required to disable the watchdog timer after it is successfully loaded, otherwise the system will reset if the timer expires.

**Recommended Response Action**
Check the boot option image and boot loader. Update them to the latest version if possible.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

<table>
<thead>
<tr>
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**iDRAC** ✔

**CMC**

**Message**
Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

**Detailed Description**
Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure NUMA FRM feature can be supported. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

<table>
<thead>
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</table>

**iDRAC** ✔

**CMC**
**UEFI0254**

**Message**
Unable to enable NUMA Fault Resilient Memory operating mode because of channel configuration mismatches.

**Detailed Description**
Unable to enable NUMA Fault Resilient Memory operating mode because of channel configuration mismatches.

**Recommended Response**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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**iDRAC**
 ✓

**CMC**

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**UEFI0255**

**Message**
Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.

**Detailed Description**
Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.

**Recommended Response**
Check the Network Daughter Cards and make sure they are the same type.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

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**iDRAC**

**CMC**
Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached.

Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached. The legacy I/O space limit is 64K.

Do one of the following and retry the operation: 1) Remove unused PCIe cards to free up legacy I/O space. 2) Go to System Setup and disable unused PCIe cards to free up legacy I/O space.

Configuration (UEFI = UEFI Event)

Severity 1 (Critical)
An issue is observed on the Hard-drive/SSD backplane.

Recommended Response:
Do one of the following: 1) Make sure the correct type of Hard-drive/SSD backplane is installed. 2) Check the configuration of Hard-drive/SSD backplane and make sure its power cable is connected. Restart the system and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Unable to perform iSCSI boot on connection arg1 because the network cable is not connected.

Arguments:
arg1 = number

Detailed Description:
Unable to perform iSCSI boot on the connection identified in the message because the network cable is not connected.
<table>
<thead>
<tr>
<th>Recommended Response</th>
<th>Check the network cable connection of the system and retry the operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
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</table>

No alerts are applicable for this message

**UEFI0264**

<table>
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<tr>
<th>Message</th>
<th>Unable to perform iSCSI boot because the iSCSI initiator name is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to perform iSCSI boot because the iSCSI initiator name is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Go to System Setup &gt; Network Settings page, make sure there is no typographical error in the iSCSI Initiator Name field, and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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</tbody>
</table>

No alerts are applicable for this message

**UEFI0265**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform iSCSI boot on connection arg1 because the iSCSI initiator IPv4 address is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 address is invalid.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings page, make sure there is no typographical error in the Initiator IP address field, and retry the operation.</td>
</tr>
<tr>
<td>Action</td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message

**UEFI0266**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform iSCSI boot on connection arg1 because the iSCSI initiator IPv4 subnet mask address is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = number</td>
</tr>
</tbody>
</table>
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 subnet mask address is invalid.

Go to System Setup > Network Settings > iSCSI Device Settings page, make sure there is no typographical error in the Initiator Subnet Mask field, and retry the operation.

Configuration (UEFI = UEFI Event)
Severity 2 (Warning)

No alerts are applicable for this message

UEFI0267
Message
Unable to perform iSCSI boot on connection \texttt{arg1} because the IPv4 initiator gateway address is invalid.

Arguments \texttt{arg1} = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the IPv4 initiator gateway address is invalid.

Recommended Response Action
Go to System Setup > Network Settings > iSCSI Device Settings page, make sure there is no typographical error in the Initiator Gateway field, and retry the operation.

Configuration (UEFI = UEFI Event)
Severity 2 (Warning)

No alerts are applicable for this message

UEFI0268
Message
Unable to perform iSCSI boot on connection \texttt{arg1} because the iSCSI target name is invalid.

Arguments \texttt{arg1} = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target name is invalid.

Recommended Response Action
Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the iSCSI Target Name in the iSCSI setup page is correct, and retry the operation.

Configuration (UEFI = UEFI Event)
Severity 2 (Warning)

No alerts are applicable for this message
UEFI0269

Message
Unable to perform iSCSI boot on connection arg1 because the iSCSI target IP address is invalid.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target IP address is invalid.

Recommended Response
Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, do the following: 1) Make sure the Target IP Address is set corresponding to the mode enabled (IPv4/IPv6). 2) Make sure there is no typographical error in the Target IP Address field. 3) Retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

UEFI0270

Message
Unable to perform iSCSI boot on connection arg1 because the network connection to DHCPv4 server is not established.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv4 server is not established.

Recommended Response
Check the network cable connection of the initiator or the DHCPv4 server and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

UEFI0271

Message
Unable to perform iSCSI boot on connection arg1 because the network connection to DHCPv6 server is not established.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv6 server is not established.

Recommended Response
Check the network cable connection of the initiator or the DHCPv6 server and retry the operation.
UEFI0272

Message
Unable to perform iSCSI boot on connection arg1 because the BIOS cannot obtain the initiator information from DHCPv4 server.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the BIOS cannot obtain the initiator information from DHCPv4 server.

Recommended Response
Do one of the following: 1) Check the configuration of DHCPv4 server. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.

UEFI0273

Message
Unable to perform iSCSI boot on connection arg1 because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

Recommended Response
Do one of the following: 1) Reconfigure the DHCPv4 server root path option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

UEFI0274

Message
Unable to perform iSCSI boot on connection arg1 because the iSCSI login operation did not complete successfully.

Arguments
arg1 = number
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI login operation did not complete successfully.

Do the following: 1) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the target name is correct. 2) On the iSCSI target system, make sure the initiator name is added into the target identifiers. 3) Compare the authentication settings in the iSCSI initiator setup page to that of the iSCSI target system and make sure the settings match. 4) Retry the operation.

Configuration (UEFI = UEFI Event)
Severity 2 (Warning)
No alerts are applicable for this message

Unable to perform iSCSI boot on connection arg1 because the TCP connection timed out when connecting to the iSCSI target.

Do the following: 1) Make sure the iSCSI target system is online with the firewall configured to allow TCP access. 2) Make sure the server network infrastructure is configured to allow access to the iSCSI target. 3) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the iSCSI initiator settings (iSCSI, DHCP, VLAN, initiator/target IP addresses) are configured correctly. 4) Retry the operation.

Configuration (UEFI = UEFI Event)
Severity 2 (Warning)
No alerts are applicable for this message

Unable to perform iSCSI boot on connection arg1 because the initiator information from DHCPv6 server cannot be obtained.

Do one of the following: 1) Check the configuration of DHCPv6 server. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.

Configuration (UEFI = UEFI Event)
Unable to perform iSCSI boot on connection arg1 because the iSCSI target configuration data obtained from DHCPv6 server is invalid.

Arguments

arg1 = number

Detailed Description

Unable to perform iSCSI boot on the connection number identified in the message because the iSCSI target configuration data obtained from DHCPv6 server is invalid.

Recommended Response

Do one of the following: 1) Reconfigure the DHCPv6 server boot file URL option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 2 (Warning)

No alerts are applicable for this message
USR Event Messages

USR0001

Message  arg1
Arguments  arg1 = message
Detailed Description  No detailed description is required.
Recommended Response Action  No response action is required.
Category  Work Notes (USR = User Tracking)
Severity  Severity 3 (Informational)

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USR0002

Message  arg1 login from arg2
Arguments  arg1 = username, arg2 = ip_address
Detailed Description  Details the Username that logged in and the IP Address they are coming from.
Recommended Response Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)

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2230
## USR0005

**Message**
Login failed from arg1 : arg2

**Arguments**
- arg1 = username
- arg2 = ip_address

**Detailed Description**
Login failed from UserID: IP Address

**Recommended Response**
Contact the iDRAC administrator and ensure the username and password credentials used are correct.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

### Log Filter Visibility

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## USR0007

**Message**
arg1 closing session from arg2

**Arguments**
- arg1 = username
- arg2 = ip_address

**Detailed Description**
UserID closing session from IP Address.

**Recommended Response**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)
USR0008

Message: The Default Login Warning feature is disabled.
Detailed Description: The Default Login Warning feature is disabled. No warning is provided if any local user is configured with default credentials.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)

USR0013

Message: Insufficient user privileges to perform operation.
Detailed Description: The user does not have sufficient privileges to execute the command.
Recommended Response Action: Login with sufficient privileges.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
USR0014

Message: The current user session is invalid.
Detailed Description: The user session which is currently in use is invalid.
Recommended Response: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)

USR0015

Message: The specified user does not exist.
Detailed Description: The specified user does not exist.
Recommended Response: Verify the existing users and enter a valid username.
Category: Audit (USR = User Tracking)
Severity: Severity 2 (Warning)

USR0016

Message: Unable to get session info from the RAC.
Detailed Description: Unable to obtain the session info from RAC.
Recommended Response: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
### USR0017

**Message**
No active sessions currently exist for the specified user.

**Detailed Description**
There are no active sessions on the iDRAC for the specified user.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### USR0018

**Message**
No active sessions currently exist.

**Detailed Description**
There are no active sessions on the iDRAC which can be displayed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### USR0019

**Message**
Specified user name is too long.

**Detailed Description**
The specified username exceeds the prescribed limit (255)

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
USR0020

Message: Invalid Session ID.
Detailed Description: The specified session id does not exist and is invalid.
Recommended Response: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

USR0021

Message: Unable to close session with the specified ID
Detailed Description: The session could not be closed. A possible reason is that the session does not exist.
Recommended Response: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

USR0022

Message: The specified user already exists. Duplicate user names are not allowed.
Detailed Description: The username specified already exists and cannot be assigned.
Recommended Response: Choose a unique username.
Category: Audit (USR = User Tracking)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
USR0023

**Message**
The current user privilege is not valid.

**Detailed Description**
The user privilege is invalid. This may be due to invalid combinations of privileges given to the user.

**Recommended Response**
Request the administrator to assign appropriate user privileges to the specific user.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

USR0030

**Message**
Successfully logged in using arg1, from arg2 and arg3.

**Arguments**
arg1 = username, arg2 = IP address, arg3 = interface name

**Detailed Description**
Successful login for the username, IP address, and interface identified in the message.

**Recommended Response**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

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USR0031

**Message**
Unable to log in for arg1 from arg2 using arg3.

**Arguments**
arg1 = username, arg2 = IP address, arg3 = interface name
Unsuccessful login for the username, IP address, and interface identified in the message.

Make sure the login credentials are valid and retry the operation.

Audit (USR = User Tracking)

Severity 3 (Informational)

USR0032

The session for arg1 from arg2 using arg3 is logged off.

arg1 = username, arg2 = IP address, arg3 = interface name

The session for the username, IP address, and interface identified in the message is logged off.

No response action is required.

Audit (USR = User Tracking)

Severity 3 (Informational)
USR0033

Message  Login for arg1 from arg2 using arg3 was incomplete.
Arguments  arg1 = username, arg2 = IP address, arg3 = interface name
Detailed Description  The IPMI over LAN login attempt was ended by the IPMI client before success or failure.
Recommended Response Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)

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USR0034

Message  Login attempt alert for arg1 from arg2 using arg3, IP will be blocked for arg4 seconds.
Arguments  arg1 = username, arg2 = IP Address, arg3 = interface name, arg4 = seconds
Detailed Description  The account identified in the message is temporarily disabled because of consecutive unsuccessful Login attempts to iDRAC from the IP address identified in the message.
Recommended Response Action  Contact the iDRAC administrator and make sure the username and password credentials used are correct. Check the Lifecycle Controller Log (LC Log) to see if more unauthorized iDRAC access attempts are occurring than would be expected due to forgotten account names or passwords.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)
Trap/EventID  8490
### USR0150

**Message**
Opening a remote VNC session from IP address *arg1*.

**Arguments**
- *arg1* = IP address

**Detailed Description**
The VNC client is connected from the IP address identified in the message to the iDRAC VNC Server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

---

### USR0151

**Message**
The remote VNC session from the IP address *arg1* is logging off.

**Arguments**
- *arg1* = IP address

**Detailed Description**
The VNC client from the IP address identified in the message is logged off.

**Recommended Response Action**
No response action is required.
### USR0152

**Message**
Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP `arg1`.

**Arguments**
- `arg1` = IP address

**Detailed Description**
Could not successfully connect to the remote VNC session, because an incorrect VNC password was entered from the IP address identified in the message.

**Recommended Response**
Enter the correct VNC password and retry the operation.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

---

### USR0153

**Message**
Logging off the remote VNC session from the IP address `arg1`, because the session timed out.

**Arguments**
- `arg1` = IP address
Detailed Description
The VNC client is logged off from the IP address identified in the message.

Recommended Response Action
To re-establish the remote VNC session, log in again using the VNC client.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔
CMC

**USR0170**

Message
The Front Panel USB port is attached to iDRAC Disk.USBFront. $arg1$. Device details: Device class $arg2$, Vendor ID $arg3$, Manufacturer Name $arg4$, Product ID $arg5$, Product Name $arg6$, Serial Number $arg7$.

Arguments
$arg1$ = port number, $arg2$ = class, $arg3$ = vendor ID, $arg4$ = manufacture name, $arg5$ = product ID, $arg6$ = product name, $arg7$ = serial

Detailed Description
The device identified in the message is connected to the Front Panel USB port and attached to the iDRAC.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔
CMC
**USR0171**

Message: The Front Panel USB port is detached from the iDRAC Disk. USBFront. \( arg_1 \). Device Details: Device Class \( arg_2 \), Vendor ID \( arg_3 \), Product ID \( arg_4 \).

Arguments: \( arg_1 = \) port number, \( arg_2 = \) class, \( arg_3 = \) vendor ID, \( arg_4 = \) product ID

Detailed Description: The device identified in the message is connected to the Front Panel USB port and detached from the iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

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**USR0172**

Message: The Front Panel USB Management Port Mode setting is changed from \( arg_1 \) to \( arg_2 \).

Arguments: \( arg_1 = \) previous mode, \( arg_2 = \) new mode

Detailed Description: The Front Panel USB Management Port Mode setting is changed as identified in the message.

Recommended Response Action: No response action required

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

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USR0173

Message
The Front Panel USB port switched automatically from iDRAC to operating system.

Detailed Description
The Front Panel USB port switched automatically from iDRAC to operating system.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

USR0174

Message
The Front Panel USB device is removed from the operating system.

Detailed Description
The Front Panel USB device is removed from the operating system.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)
**USR0175**

**Message**
The Front Panel USB Port Over Current is detected for the attached device on Disk.USBFront. arg1.

**Arguments**
arg1 = port number

**Detailed Description**
The USB device attached to the port identified in the message is drawing more current than is supported by the port.

**Recommended Response**
Reinsert the USB device in the Front Panel USB Port and retry the operation. If the issue persists, use a different USB device.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8490

**Filter Visibility**
- iDRAC ✔
- CMC ✔

**IPMI Alert**
- ✔
- ✔

**SNMP Alert**
- ✔
- ✔

**Email Alert**
- ✔
- ✔

**Remote System Log**
- ✔
- ✔

**WS Eventing**
- ✔
- ✔

**USR0176**

**Message**
The Front Panel USB Port Over Current condition is cleared for the attached device on Disk.USBFront. arg1.

**Arguments**
arg1 = port number

**Detailed Description**
The Front Panel USB Port Over Current condition is cleared for the port identified in the message.

**Recommended Response**
No response action is required

**Category**
Audit (USR = User Tracking)
USR0177

Message
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

Detailed Description
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

USR0180

Message
The Quick Sync feature is enabled because the activate button on the bezel was pressed.

Detailed Description
The Quick Sync feature is enabled because the activate button on the bezel was pressed.
Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

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USR0181

Message
The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

Detailed Description
The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

Recommended Response Action
Press the activate button on the bezel to activate the iDRAC Quick Sync feature.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

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USR0182

Message
Server information has been accessed by using the iDRAC Quick Sync feature.
Detailed Description
Server information has been accessed by using the iDRAC Quick Sync feature.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Filter Visibility

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

USR0183

Message
A bezel with the iDRAC Quick Sync feature is detected.

Detailed Description
A bezel with the iDRAC Quick Sync feature is detected.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

USR0183
**USR0184**

**Message**
A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

**Detailed Description**
A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

**Recommended Response**
Connect a bezel with the iDRAC Quick Sync feature. Press the activate button to enable the Quick Sync feature.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

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**USR0190**

**Message**
Peak value is reset for arg1 sensor.

**Arguments**
arg1 = sensor type

**Detailed Description**
The peak value of the sensor identified in the message is reset.

**Recommended Response**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

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USR100

Message: The command was successful.
Detailed Description: The operation completed successfully.
Recommended Response Action: No response action is required.
Category: Configuration (USR = User Tracking)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

USR101

Message: Resource allocation failure
Detailed Description: Unable to allocate the resource because of the lack of memory or file space in the iDRAC firmware.
Recommended Response Action: Reset iDRAC and retry the operation.
Category: Configuration (USR = User Tracking)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

USR102

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (USR = User Tracking)
USR103

Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response: Refer to the Lifecycle Controller Remote Services documentation and provide the required parameters.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

USR104

Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response: Retry the operation. If the issue persists, reset the iDRAC.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

USR105

Message: The account is not configured.
Detailed Description: The user account used as credentials to access iDRAC is not enabled or configured to perform the operation.
Recommended Response: Retry the operation after creating the user account.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)

No alerts are applicable for this message
No alerts are applicable for this message

USR106

Message  arg1 unauthorized for arg2 on arg3 . arg4
Arguments  arg1 = username, arg2 = operation, arg3 = classname, arg4 = methodname
Detailed Description  The username provided does not have sufficient privileges to perform the invoke operation on the method.
Recommended Response  Action  Retry the operation using user credentials that are authorized to perform the operation.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)

USR107

Message  The operation arg1 of the arg2 was performed by arg3
Arguments  arg1 = Set/Invoke, arg2 = methodname name or instance, arg3 = username
Detailed Description  The identified user has performed the identified set operation or invoke method operation. The operation is either set on an instance of the class identified or an invocation of the identified method.
Recommended Response  Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)

USR8500

Message  Excessive login failures from arg1 ; blocked for arg2 seconds.
Arguments  arg1 = IP address, arg2 = number
Detailed Description  Multiple login attempts were unsuccessful from the identified IP address. After detecting this error condition, this IP address will be blocked from login for the duration specified in the message.
Recommended Response  Action  Make sure the username and password credentials used are correct, wait for the duration specified in the message and then retry the login.
Category Audit (USR = User Tracking)
Severity Severity 2 (Warning)

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**USR8501**

Message Successfully closed Session process: pid= arg1 sid= arg2
Arguments arg1 = process ID, arg2 = session ID
Detailed Description The operation to close a user session using the process ID identified in the message was successful.
Recommended Response Action No response action is required.
Category Audit (USR = User Tracking)
Severity Severity 3 (Informational)

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**USR8502**

Message Successfully closed Session: pid= arg1 sid= arg2
Arguments arg1 = process ID, arg2 = session ID
Detailed Description The operation to close a user session using the session ID identified in the message was successful.
Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)
Severity
Severity 3 (Informational)

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**USR8503**

Message
Domain user authentication was not successful. Reason code = arg1

Arguments
arg1 = error num

Detailed Description
The Active Directory authentication was not successful for the specified username.

Recommended Response Action
Contact the administrator and ensure the username and password credentials used in the operation are correct.

Category
Audit (USR = User Tracking)
Severity
Severity 3 (Informational)

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**USR8504**

Message
The IP address specified is out of range.
Detailed Description: The IP range filter feature is enabled in CMC. The IP address from where the login attempt was made is not in the specified range of IP address that can access the CMC.

Recommended Response Action: If access needs to be given to this specified IP address, change the IP range address and IP range mask accordingly and retry the operation.

Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)

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**USR8505**

Message: Successfully invalidated Session: sid= arg1

Arguments: arg1 = session ID

Detailed Description: The operation to invalidate the Session identified in the message was successful.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)

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USR8506

Message: Successfully closed Session: sid= arg1

Arguments: arg1 = session ID

Detailed Description: The operation to invalidate the Session identified in the message was successful.

Recommended Response: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

---

USR8507

Message: arg1 login was not successful (username= arg2 , ip= arg3 , error=0x arg4 )

Arguments: arg1 = Session type, arg2 = user name, arg3 = IP address, arg4 = error number

Detailed Description: The login attempt with details specified in the message was not successful.

Recommended Response: Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)
**USR8508**

Message: arg1 login was not successful (username= arg2 , ip= arg3 , reason= arg4 )

Arguments: arg1 = Session type, arg2 = user name, arg3 = ip address, arg4 = failure reason

Detailed Description: The login attempt with details specified in the message was not successful.

Recommended Response: Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

**USR8509**

Message: Login was not successful (username= arg1 , ip= arg2 , error=0x arg3 , type= arg4 )

Arguments: arg1 = username, arg2 = ip address, arg3 = error no, arg4 = error type

Detailed Description: The login attempt with details specified in the message was not successful.

Recommended Response: Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)
### USR8510

**Message**
Login was successful `arg1` (username= `arg2` , type= `arg3` , sid= `arg4` )

**Arguments**
- `arg1` = description,
- `arg2` = username,
- `arg3` = session type,
- `arg4` = session ID

**Detailed Description**
Successful login by Username identified in the message.

**Recommended Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

### USR8511

**Message**
Login was successful `arg1` from `arg2` (username= `arg3` , type= `arg4` , sid= `arg5` )

**Arguments**
- `arg1` = description,
- `arg2` = address,
- `arg3` = username,
- `arg4` = session type,
- `arg5` = session ID

**Detailed Description**
Successful login from IP address by Username identified in the message.
**Recommended Response Action**

No response action is required.

**Category**  
Audit (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

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**USR8512**

**Message**

arg1 login was not successful (username= arg2, reason= arg3 )

**Arguments**  
arg1 = Session type, arg2 = user name, arg3 = failure reason

**Detailed Description**
The login attempt with details specified in the message was not successful.

**Recommended Response Action**

Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

**Category**  
Audit (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

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**USR8513**

**Message**

arg1 login successful from arg2 (type= arg3 ).

2258
**Arguments**  
\[ \text{arg}_1 = \text{username}, \text{arg}_2 = \text{IP address}, \text{arg}_3 = \text{session type} \]

**Detailed Description**  
Successful login from IP address identified in the message by username identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

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VDR Event Messages

**VDR1**

**Message**

arg1 failed.

**Arguments**

arg1 = VD Name

**Detailed Description**

A storage component such as a physical disk or an enclosure has failed. The failed component may have been identified by the controller while performing a task such as a rescan or a check consistency.

**Recommended Response**

Replace the failed component. You can identify which component has failed by locating the component that has a red ‘X’ for its status. Perform a rescan after replacing the failed component.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 1 (Critical)

** Trap/EventID**

4353

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**VDR10**

**Message**

Formatting the arg1 has started.

**Arguments**

arg1 = VD Name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response**

No response action is required.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 3 (Informational)

** Trap/EventID**

4355

**OMSA Event ID**

2059
VDR100

Message  
arg1 is unavailable because of incompatibilities with the current controller.

Arguments  
arg1 = virtual disk

Detailed Description  
The virtual disk identified in message cannot be used because of missing features on the current controller. The features may be missing because they are not available in the firmware version on the controller or the necessary licenses are not installed.

Recommended Response  
Update the controller firmware and license to match the peer controller.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4354

OMSA Event ID  
2369

OMSA Trap ID  
120100

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2261
VDR101

Message
Hot Spare Protection policy deviation with severity set at Informational level occurred for arg1.

Arguments
arg1 = virtual disk names

Detailed Description
The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Informational level.

Recommended Response
Make appropriate assignments of hotspares to meet the policy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2383

OMSA Trap ID
120100

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC
✔

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔

VDR101

Message
Virtual Adapter mapping reported for arg1. Virtual Adapter 1 is now arg2. Virtual Adapter 2 is now arg3. Virtual Adapter 3 is now arg4. Virtual Adapter 4 is now arg5.

Arguments
arg1 = Virtual Disk Name, arg2 = Access Policy 1, arg3 = Access Policy 2, arg4 = Access Policy 3, arg5 = Access Policy 4

Detailed Description
Indicates the Virtual Disk to Virtual Adapter Mapping for audit purposes.

Recommended Response
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)
Hot Spare Protection policy deviation with severity set at Warning level occurred for arg1.

arg1 = virtual disk names

The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Warning level.

Make appropriate assignments of hotspares to meet the policy.

Storage (VDR = Virtual Disk)

Severity 2 (Warning)

OMSA Event ID 2384

OMSA Trap ID 120300

Hot Spare Protection policy deviation with severity set at Critical level occurred for arg1.

arg1

Hot Spare Protection policy deviation with severity set at Critical level occurred for arg1.
Arguments: \texttt{arg1} = virtual disk names

Detailed Description: The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Critical level.

Recommended Response Action: Make appropriate assignments of hotspares to meet the policy.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

OMSA Event ID: 2385

OMSA Trap ID: 120400

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VDR104

Message: Successfully secured \texttt{arg1}.

Arguments: \texttt{arg1} = virtual disk name

Detailed Description: The secure virtual disk operation was successful on the security capable virtual disk identified in the message. A security capable virtual disk is created using only Self-Encrypting Drives (SED).

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

OMSA Event ID: 2393

OMSA Trap ID: 120100
The arg1 on power save mode drives is available.

Arguments  arg1 = virtual disk name

Detailed Description  Virtual Disk creation using power save mode drives successfully completed and the Virtual Disk identified in the message is ready for use.

Recommended Response Action  No response action is required.

Category  Storage (VDR = Virtual Disk)

Severity  Severity 3 (Informational)

OMSA Event ID  2403

OMSA Trap ID  120100

VDR106

arg1 on spun down power save mode drives is not available.

Arguments  arg1 = virtual disk name

Detailed Description  This alert is generated after successfully configuring a virtual disk on at least one spundown drive. The virtual disk creation is not yet complete on the remaining spundown drives because the drives are still spinning up.
Recommended Response Action
No response action is required.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2404
OMSA Trap ID: 120100

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VDR107

Message: Successfully resized Controller Enhanced cache (arg1).
Arguments: arg1 = virtual disk name
Detailed Description: The Controller Enhanced cache identified in the message was successfully resized.
Recommended Response Action
No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2412
OMSA Trap ID: 120100

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**VDR108**

**Message**  
Successfully created Controller Enhanced cache (arg1).

**Arguments**  
arg1 = virtual disk name

**Detailed Description**  
The Controller Enhanced cache identified in the message was successfully created.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
2413

**OMSA Trap ID**  
120100

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**VDR109**

**Message**  
Successfully deleted Controller Enhanced cache (arg1).

**Arguments**  
arg1 = virtual disk name

**Detailed Description**  
The Controller Enhanced cache identified in the message was successfully deleted.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)
VDR11

Message  
arg1 has started initializing.

Arguments  
arg1 = virtual disk

Detailed Description  
This message is generated after initialization of a virtual disk starts.

Recommended Response  
No response action is required.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4355

OMSA Event ID  
2061

OMSA Trap ID  
120100
VDR110

Message  Unrecoverable storage medium error detected on arg1 .
Arguments  arg1 = virtual disk name
Detailed Description  This alert is generated when an unrecoverable storage medium error is detected on the virtual disk. This error can be a prelude to the physical disk disk becoming non-functional.
Recommended Response Action  Make sure a hot spare to the Virtual Disk identified in the message is available and back up the data on the virtual disk.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 1 (Critical)
OMSA Event ID  2417
OMSA Trap ID  120400

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing

| iDRAC | ✔ | ✔ | ✔ |
| CMC |
| LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy |
| iDRAC | ✔ |
| CMC |

VDR111

Message  Corrected disk storage medium error on arg1 .
Arguments  arg1 = virtual disk name
Detailed Description  The controller corrected a disk storage medium error on one of the participating physical disks of the virtual disk identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
OMSA Event ID  2418
OMSA Trap ID  120100
VDR112

Message  Deleted the \( \text{arg1} \).

Arguments  \( \text{arg1} = \text{virtual disk} \)

Detailed Description  The controller removed a virtual disk because of a delete virtual disk operation or a reset configuration operation.

Recommended Response  No response action is required.

Category  Storage (VDR = Virtual Disk)

Severity  Severity 2 (Warning)

VDR12

Message  \( \text{arg1} \) reconfiguration has started.

Arguments  \( \text{arg1} = \text{virtual disk} \)

Detailed Description  This message is generated after reconfiguration of a virtual disk starts.

Recommended Response  No response action is required.
**VDR13**

**Message**  
arg1 rebuild has started.

**Arguments**  
arg1 = VD Name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2064

**OMSA Trap ID**  
120100

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**Filter Visibility**  
- IPMI
- SNMP
- Email
- Remote System Log
- WS Eventing

**Visibility**  
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- ✔️
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**Filter Visibility**  
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**Visibility**  
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**Filter Visibility**  
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- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**Visibility**  
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2271
VDR14

Message  The consistency check on arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description  A user cancelled the consistency check operation for a virtual disk.
Recommended Response  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2067
OMSA Trap ID  120100

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VDR15

Message  Initialization of arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description  The initialization operation could not be completed. This may be due to a user action or a physical disk failure.
Recommended Response  If a physical disk failed, then replace the physical disk. Restart the virtual disk initialization.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2070
OMSA Trap ID 120100

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VDR16

Message Consistency check of arg1 failed.

Arguments arg1 = virtual disk

Detailed Description A physical disk included in the virtual disk failed or there is an error in the parity information. A failed physical disk causes errors in parity information.

Recommended Response Check that all the physical disks of the virtual disk are in a healthy condition. Replace any disks that are not healthy and restart the operation. If this is not the problem, delete the virtual disk and restore the data to the disk from a backup copy.

Category Storage (VDR = Virtual Disk)

Severity Severity 1 (Critical)

Trap/EventID 4353

OMSA Event ID 2076

OMSA Trap ID 120400

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VDR17

Message arg1 format failed.
Arguments \( arg1 = \text{VD Name} \)

Detailed Description
A physical disk included in the virtual disk failed.

Recommended Response
Replace the failed physical disk. Identify the failed physical disk by locating the disk that has a red "X" for its status. Rebuild the physical disk. When finished, restart the virtual disk format operation.

Category Storage (VDR = Virtual Disk)

Severity Severity 1 (Critical)

Trap/EventID 4353

OMSA Event ID 2077

OMSA Trap ID 120400

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VDR18

Message Initialization of \( arg1 \) has failed.

Arguments \( arg1 = \text{virtual disk} \)

Detailed Description
A physical disk included in the virtual disk has failed or was removed.

Recommended Response
If a physical disk has failed, replace the physical disk. Restart the virtual disk initialization.

Category Storage (VDR = Virtual Disk)

Severity Severity 1 (Critical)

Trap/EventID 4353

OMSA Event ID 2079

OMSA Trap ID 120400
VDR19

Message
Reconfiguration of arg1 has failed.

Arguments
arg1 = virtual disk

Detailed Description
The reconfiguration operation was not completed. This may be due to a user action or a physical disk failure.

Recommended Response
Recreate the virtual disk and restore data from a backup copy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2081

OMSA Trap ID
120400

VDR2

Message
arg1 returned to optimal state.

Arguments
arg1 = virtual disk
The virtual disk has returned to a healthy state and is working properly.

No response action is required.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔*

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔* ✔
CMC ✔ ✔* ✔*

Message arg1 rebuild failed.

Arguments arg1 = VD Name

A physical disk included in the virtual disk has failed or is corrupt. You may also have cancelled the rebuild.

Replace the failed or corrupt disk. You can identify a disk that has failed by locating the disk that has a red "X" for its status. Restart the virtual disk rebuild.

Storage (VDR = Virtual Disk)

Severity 1 (Critical)

4353

2082

120400
**VDR21**

**Message**  
Consistency check for arg1 has completed.

**Arguments**  
`arg1` = virtual disk

**Detailed Description**  
This message is generated after a consistency check completes on a virtual disk.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2085

**OMSA Trap ID**  
120100

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**VDR22**

**Message**  
Formatting the arg1 is completed.

**Arguments**  
`arg1` = VD Name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID 4355
OMSA Event ID 2086
OMSA Trap ID 120100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
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iDRAC ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔* ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy
---
iDRAC ✔* ✔
CMC ✔ ✔*

VDR23

Message Initialization of arg1 has completed.
Arguments arg1 = virtual disk
Detailed Description This message is generated after initialization completes on a virtual disk.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity 3 (Informational)
### VDR24

**Message**
Reconfiguration of \( arg1 \) has completed.

**Arguments**
\( arg1 = \) virtual disk

**Detailed Description**
The re-configuration operation on the virtual disk completed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2090

**OMSA Trap ID**
120100

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### VDR25

**Message**
\( arg1 \) rebuild is completed.

**Arguments**
\( arg1 = \) VD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2091
The check consistency on a arg1 has been paused (suspended).

**Arguments**

arg1 = VD Name

**Detailed Description**

You paused the Check Consistency operation on a virtual disk.

**Recommended Response**

To resume the Check Consistency operation, right-click the virtual disk in the Storage Management tree view and select Resume Check Consistency.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4355

**OMSA Event ID**

2114

**OMSA Trap ID**

120100

---

---
Arguments
arg1 = VD Name

Detailed Description
The check consistency on a virtual disk has resumed processing after a pause.

Recommended Response
This alert is provided for informational purposes.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2115

OMSA Trap ID
120100

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

- iDRAC ✔ ✔ ✔ ✔ ✔
- CMC ✔ ✔* ✔ ✔*

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

- iDRAC ✔*
- CMC ✔ ✔*

VDR28

Message
A virtual disk and its mirror have been split.

Detailed Description
A user has caused a mirrored virtual disk to be split. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being split, both virtual disks retain a copy of the data. Because the mirror is no longer intact, updates to the data are no longer copied to the mirror.

Recommended Response
This alert is provided for informational purposes.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2116

OMSA Trap ID
120100
### VDR29

**Message**
A mirrored virtual disk has been un-mirrored.

**Detailed Description**
A mirrored virtual disk is un-mirrored. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being un-mirrored, the disk formerly used as the mirror returns to being a physical disk and becomes available for inclusion in another virtual disk.

**Recommended Response Action**
This alert is provided for informational purposes.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2117

**OMSA Trap ID**
120100

---

### VDR3

**Message**
Redundancy normal on arg1.

**Arguments**
arg1 = VD Name
Data redundancy has been restored to a virtual disk that previously suffered a loss of redundancy.

This alert is provided for informational purposes.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

arg1 write policy has changed.

arg1 = virtual disk

A user changed the write policy for a virtual disk.

This alert is provided for informational purposes.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

2118

120100
VDR31

**Message**
Controller cache is preserved for missing or offline arg1.

**Arguments**
arg1 = VD Name

**Detailed Description**
The controller is getting disconnected from its virtual disk, while Input Output (IO) is in-progress.

**Recommended Response**
Try importing foreign disks, if any. Check if the enclosure containing the Virtual Disk is disconnected from the controller. Insert any disks that are reported missing or failed. If the enclosure or disks were removed intentionally, the preserved cache can be discarded. See storage hardware documentation for more information on performing these steps.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4354

**OMSA Event ID**
2125

**OMSA Trap ID**
120300

VDR32

**Message**
Background initialization has started for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk has started. This is an automated process that writes the parity or mirror data on newly created virtual disks.
Background initialization was cancelled for arg1.

**Message**

Background initialization was cancelled for arg1.

**Arguments**

arg1 = virtual disk

**Detailed Description**

Background initialization of a virtual disk was cancelled. This may be due to user action. This operation may automatically restart.

**Recommended Response Action**

No response action is required.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 3 (Informational)
**VDR34**

**Message**
Background initialization failed for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk failed.

**Recommended Response Action**
Run a consistency check on the virtual disk. If that fails, check the health of the member drives of the virtual disk and then recreate.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2129

**OMSA Trap ID**
120400

---

**VDR35**

**Message**
Background initialization has completed for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk completed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2130
OMSA Trap ID: 120100

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**VDR36**

**Message**: arg1 initialization is in-progress arg2.

**Arguments**: arg1 = VD Name, arg2 = progresspercent

**Detailed Description**: Virtual disk initialization is in-progress. This alert is provided for informational purposes.

**Recommended Response Action**: No response action is required.

**Category**: Storage (VDR = Virtual Disk)

**Severity**: Severity 3 (Informational)

Trap/EventID: 4355

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2287
VDR37

Message  Dead disk segments are restored on arg1.
Arguments  arg1 = VD Name
Detailed Description  Disk space that was formerly "dead" or inaccessible to a redundant virtual disk has been restored. This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2140
OMSA Trap ID  120100

VDR38

Message  arg1 is renamed.
Arguments  arg1 = VD Name
Detailed Description  A user renamed a virtual disk. This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2159
**OMSA Trap ID** 120100

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**VDR39**

**Message**
The check consistency has made corrections and completed for *arg1*.

**Arguments**
*arg1* = VD name

**Detailed Description**
The virtual disk check consistency has identified issues and made corrections. For example, the check consistency may have encountered a bad disk block and remapped the disk block to restore data consistency. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required. As a precaution, monitor the Log for other errors related to this virtual disk. If problems persist, contact technical support.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2192

**OMSA Trap ID**
120300

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</table>

2289
**VDR4**

**Message**  
arg1 was created.

**Arguments**  
arg1 = virtual disk

**Detailed Description**  
This message is generated after a virtual disk was created on a controller.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2053

**OMSA Trap ID**  
120100

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</table>

**VDR40**

**Message**  
The reconfiguration of arg1 has resumed.

**Arguments**  
arg1 = virtual disk

**Detailed Description**  
This message is generated after the reconfiguration of a virtual disk resumes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2193
OMSA Trap ID 120100

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**VDR41**

**Message**
arg1 read policy has changed.

**Arguments**
arg1 = VD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2194

**OMSA Trap ID**
120100

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**VDR42**

**Message**
Dedicated hot spare assigned physical disk arg1.
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<th>Arguments</th>
<th>arg1 = args</th>
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<tr>
<td>Recommended Response Action</td>
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**VDR43**

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<th>Message</th>
<th>Dedicated hot spare unassigned physical disk arg1.</th>
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</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = args</td>
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<tr>
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<tr>
<td>Recommended Response Action</td>
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<td>2196</td>
</tr>
<tr>
<td>OMSA Trap ID</td>
<td>120100</td>
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</table>
### VDR44

**Message**
arg1 disk cache policy has changed.

**Arguments**
*arg1* = VD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2199

**OMSA Trap ID**
120100

---

### VDR45

**Message**
arg1 blink has been initiated.

**Arguments**
*arg1* = VD Name
This alert is provided for informational purposes.

No response action is required.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

2244

120100

IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔* ✔ ✔* ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔* ✔

CMC ✔ ✔* ✔

VDR46

arg1 blink has ceased.

arg1 = VD Name

This alert is provided for informational purposes.

No response action required.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

2245

120100

IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔ ✔ ✔ ✔ ✔

CMC ✔ ✔* ✔ ✔* ✔

2294
### VDR47

**Message**
A disk media error was corrected on arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block was remapped.

**Recommended Response Action**
Check the Lifecycle log for information related to members of this virtual disk.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2280

**OMSA Trap ID**
120100

### VDR48

**Message**
arg1 has inconsistent data.

**Arguments**
arg1 = VD Name

**Detailed Description**
This alert is provided for informational purposes. The virtual disk has inconsistent data. This may be caused when a power loss or system shutdown occurs while data is being written to the virtual disk.

**Recommended Response Action**
No response action is required.
**Category**  Storage (VDR = Virtual Disk)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  4355

**OMSA Event ID**  2281

**OMSA Trap ID**  120100

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</table>

**VDR49**

**Message**  arg1 is permanently degraded.

**Arguments**  
arg1 = VD Name

**Detailed Description**  A redundant virtual disk has lost redundancy. This may occur when the virtual disk suffers the failure of more than one physical disk. In this case, both the source physical disk and the target disk with redundant data have failed. A rebuild is not possible because there is no longer redundancy.

**Recommended Response Action**  Replace the failed disks and restore from backup.

**Category**  Storage (VDR = Virtual Disk)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  4353

**OMSA Event ID**  2310

**OMSA Trap ID**  120400

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VDR5

Message  arg1 was deleted.
Arguments  arg1 = virtual disk
Detailed Description  The controller removed a virtual disk. This is due to a delete virtual disk operation, a reset configuration operation, or the removal of every physical disk that was a member of the virtual disk.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2054
OMSA Trap ID  120100

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing
iDRAC ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓* ✓ ✓* ✓

VDR50

Message  Background Initialization (BGI) completed with uncorrectable errors on arg1.
Arguments  arg1 = virtual disk
Detailed Description  The background initialization task encountered errors that cannot be corrected.
The virtual disk contains physical disks that have unusable disk space or disk errors that cannot be corrected.
Recommended Response Action

Review other messages to identify whether the physical disk that has errors. If the virtual disk is redundant, you can replace the physical disk and continue using the virtual disk. If the virtual disk is non-redundant, you need to recreate the virtual disk after replacing the physical disk. After replacing the physical disk, run a consistency check to verify the data.

Category Storage (VDR = Virtual Disk)

Severity Severity 1 (Critical)

Trap/EventID 4353

OMSA Event ID 2340

OMSA Trap ID 120400

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VDR51

Message The consistency check process made corrections and completed on arg1.

Arguments arg1 = virtual disk

Detailed Description The consistency check completed on the virtual disk after making corrections.

Recommended Response Action No response action is required.

Category Storage (VDR = Virtual Disk)

Severity Severity 3 (Informational)

Trap/EventID 4355

OMSA Event ID 2341

OMSA Trap ID 120100

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VDR52

Message
The consistency check found inconsistent parity data on arg1.

Arguments
arg1 = virtual disk

Detailed Description
The data on physical disk members of the virtual disk does not match. Redundancy may be lost.

Recommended Response
Rerun the consistency check task. If you receive this message again, verify the health of the physical disks included in the virtual disk. See the storage hardware documentation for more information. Review messages for significant messages related to the physical disks. If a physical disk has a problem, replace it and restore from a backup copy. Contact technical support if the issue persists.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4354

OMSA Event ID
2342

OMSA Trap ID
120300

VDR53

Message
The consistency check logging of inconsistent parity data is disabled for arg1.

Arguments
arg1 = virtual disk

Detailed Description
The consistency check can no longer report errors in the parity data.
**Recommended Response Action**

See the storage hardware documentation for more information on consistency check operation. Contact technical support.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4354

**OMSA Event ID**

2343

**OMSA Trap ID**

120300

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**VDR54**

**Message**

arg1 initialization is terminated.

**Arguments**

arg1 = VD Name

**Detailed Description**

You have cancelled the virtual disk initialization.

**Recommended Response Action**

Restart the initialization.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4354

**OMSA Event ID**

2344

**OMSA Trap ID**

120300

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VDR55

Message: arg1 initialization has failed.

Arguments: arg1 = VD Name

Detailed Description: The controller cannot communicate with attached devices. A disk may be removed or contain errors. Cables may also be loose or defective.

Recommended Response: Verify the health of attached devices. Review the Alert Log for significant events. Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4353

OMSA Event ID: 2345

OMSA Trap ID: 120400

VDR56

Message: Redundancy of arg1 has been degraded.

Arguments: arg1 = virtual disk

Detailed Description: This message occurs when a physical disk in the disk group was removed or when a physical disk included in a redundant virtual disk fails. Because the virtual disk is redundant (uses mirrored or parity information) and only one physical disk has failed, the virtual disk can be rebuilt. Typically, the virtual disk (E.g. RAID 6) has multiple redundant disks and there is a problem with one of them.
Recommended Response
Replace the missing or failed physical disk.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

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VDR57

Message
Background Initialization in arg1 corrected medium error.

Arguments
arg1 = VD Name

Detailed Description
A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block has been remapped.

Recommended Response
Consider replacing the disk. If you receive this alert frequently, ensure to replace the disk. It is recommended to routinely back up your data.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

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VDR58

Message
Bad block medium error is detected at block arg1 on arg2.

Arguments
arg1 = args, arg2 = VD Name

Detailed Description
Virtual disk bad blocks are due to presence of unrecoverable bad blocks on one or more member physical disks.

Recommended Response
Recovering a physical disk bad block depends on the RAID level and state of the virtual disk. If a virtual disk is redundant, the controller can recover a bad block on a physical disk. If a virtual disk is not redundant, then the physical disk bad block results in a virtual disk bad block.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2387

OMSA Trap ID
120400

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VDR59

Message
arg1 security has failed.

Arguments
arg1 = VD Name

Detailed Description
This alert message occurs if virtual disk security has failed.

Recommended Response
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355
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**VDR6**

**Message**
arg1 configuration has changed.

**Arguments**
arg1 = VD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2055

**OMSA Trap ID**
120100

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**VDR60**

**Message**
arg1 initialization is in progress on arg2.

**Arguments**
arg1 = initialization type, arg2 = virtual disk
Detailed Description: There are two modes of virtual disk initialization, full and fast. This initialization type identified in the message is running on the virtual disk identified in the message.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4355

VDR7

Message: arg1 has failed.
Arguments: arg1 = virtual disk
Detailed Description: One or more physical disks included in the virtual disk have failed. If the virtual disk is non-redundant (does not use mirrored or parity data), then the failure of a single physical disk can cause the virtual disk to fail. If the virtual disk is redundant, then more physical disks have failed than you can rebuild using mirrored or parity information.

Recommended Response Action: Create a new virtual disk and restore from a backup.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4353
OMSA Event ID: 2056
OMSA Trap ID: 120400

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing
-----|-----|-----|-----|-----|-----
 IDRAC | ✓ | ✓ | ✓ | ✓ | ✓
 CMC  | ✓ | ✓ | ✓ | ✓ | ✓

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
-----|-----|-----|-----|-----|-----|-----
 IDRAC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
 CMC  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓

2305
VDR8

**Message**
arg1 has become degraded.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message occurs when a physical disk in the disk group was removed or when a physical disk included in a redundant virtual disk fails. Because the virtual disk is redundant (uses mirrored or parity information) and only one physical disk has failed, the virtual disk can be rebuilt.

**Recommended Response**
Configure a hot spare for the virtual disk if it is not already configured. Rebuild the virtual disk. If a physical disk was removed from the disk group, either replace the disk or restore the original disk.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4354

**OMSA Event ID**
2057

**OMSA Trap ID**
120300

---

VDR9

**Message**
arg1 consistency check has started.

**Arguments**
arg1 = virtual disk

**Detailed Description**
A consistency check operation on a virtual disk has started.
**Recommended Response Action**

No response action is required.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4355

**OMSA Event ID**

2058

**OMSA Trap ID**

120100

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**VDR91**

**Message**

Consistency check for `arg1` has detected multiple uncorrectable medium errors.

**Arguments**

`arg1` = virtual disk

**Detailed Description**

This message occurs if there are medium errors in the physical drives.

**Recommended Response Action**

Replace the failed drives.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4353

**OMSA Event ID**

2396

**OMSA Trap ID**

120400

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VDR92

Message: Consistency check for arg1 has completed with uncorrectable errors.
Arguments: arg1 = virtual disk
Detailed Description: This message occurs if there are medium errors in the physical drives.
Recommended Response Action: Replace the failed drives.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4353
OMSA Event ID: 2397
OMSA Trap ID: 120400

VDR93

Message: arg1 bad block medium error is cleared.
Arguments: arg1 = VD Name
Detailed Description: This alert message occurs if there are medium errors in the physical drives.
Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID 4355
OMSA Event ID 2389
OMSA Trap ID 120100

VDR94

Message Controller preserved cache was recovered for arg1.

Arguments arg1 = virtual disk

Detailed Description This message occurs if the controller pinned cache is recovered.

Recommended Response No response action is required.

Category Storage (VDR = Virtual Disk)
Severity Severity 3 (Informational)
**VDR95**

**Message**
Unable to log block arg1. Bad block table on arg2 is full.

**Arguments**
arg1 = arg, arg2 = VD Name

**Detailed Description**
This alert message occurs if the virtual disk has bad blocks.

**Recommended Response**
Replace the disk in the Virtual disk, generating this alert and restore from backup.
You may have lost data.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**Filter Visibility**

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**VDR96**

**Message**
Bad block table on arg1 is 80 percent full.

**Arguments**
arg1 = virtual disk

**Detailed Description**
This message occurs if the virtual disk has bad blocks.

**Recommended Response**
Replace the disk in the Virtual disk, generating this message.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355
VDR97

**Message**
Patrol Read corrected a media error on arg1.

**Arguments**
- arg1 = VD Name

**Detailed Description**
The Patrol Read task has encountered an error such as a bad disk block and remapped data to correct the error.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2271

**OMSA Trap ID**
90100

VDR98

**Message**
arg1 has switched active controllers. Its active path is now through arg2.

**Arguments**
- arg1 = virtual disk, arg2 = controller name
Detailed Description
The virtual disk identified in the message has changed active paths. This can be because of an attempt to optimize the throughput of the system or it could be because of a controller failover.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
| iDRAC | ✔* | ✔ |
| CMC    | ✔  | ✔* |

VDR99

Message
arg1 is unavailable because of an ID conflict in the fault-tolerant pair.

Arguments
arg1 = virtual disk

Detailed Description
The virtual disk identified in the message cannot be used because of an ID conflict with another virtual disk.

Recommended Response Action
Power cycle the system chassis to restore the virtual disk. If this does not correct the problem then contact your service provider.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4354

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<td>--------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>iDRAC</td>
<td>✔*</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMC</td>
<td>✔</td>
<td>✔*</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# VF Event Messages

## VF001

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Command successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The command was successful</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## VF002

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>General failure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The operation did not complete successfully because of an internal issue with the firmware.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## VF003

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Missing required parameter: <strong>arg1</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arguments</strong></td>
<td><strong>arg1</strong> = parameter name</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The required input parameter identified in the message is missing.</td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
<td>Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
### VF004

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid value for the parameter: arg1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = parameter name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The value of the input parameter identified in the message is not a valid value.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF005

<table>
<thead>
<tr>
<th>Message</th>
<th>Empty partition creation successful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A partition with no image was created.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF006

<table>
<thead>
<tr>
<th>Message</th>
<th>Empty partition creation failed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Creating a partition without image failed.</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.</td>
</tr>
<tr>
<td>Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
VF0060

Message  Unable to perform the requested operation. Make sure the SD card is inserted and enabled.
Detailed Description  The SD card was not detected. Therefore, the requested operation cannot be completed.
Recommended Response Action  Verify whether the SD card is inserted and enabled, then re-try.
Category  System Health (VF = vFlash Media)
Severity  Severity 1 (Critical)
No alerts are applicable for this message

VF007

Message  Image partition creation successful
Detailed Description  A partition with an image was created.
Recommended Response Action  No response action is required.
Category  Configuration (VF = vFlash Media)
Severity  Severity 3 (Informational)
No alerts are applicable for this message

VF008

Message  Image partition creation did not complete successfully.
Detailed Description  Creating a partition with an image did not complete successfully.
Recommended Response Action  Do one of the following: 1) Rerun the command after about 2 minutes, 2) Reset iDRAC and rerun the command.
Category  Configuration (VF = vFlash Media)
Severity  Severity 1 (Critical)
No alerts are applicable for this message
### VF009

**Message**  
Partition formatting successful

**Detailed Description**  
The specified partition was formatted.

**Recommended Response**  
No response action is required.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

### VF010

**Message**  
Partition formatting did not complete successfully.

**Detailed Description**  
Formatting the specified partition did not complete successfully.

**Recommended Response**  
Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

---

### VF011

**Message**  
Wrong password

**Detailed Description**  
The specified password was not correct.

**Recommended Response**  
Verify the password supplied.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
VF012

Message: SD card not present
Detailed Description: There is no SD card detected.
Recommended Response Action: Check the SD card slot.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF013

Message: SD card locked
Detailed Description: The SD card is locked by another operation.
Recommended Response Action: Rerun the command after about 2 minutes
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF014

Message: vFlash not disabled
Detailed Description: Enabling vFlash was not successful because the vFlash feature is not disabled.
Recommended Response Action: The vFlash is enabled and any attempt to enable it will not be successful.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
<table>
<thead>
<tr>
<th>VF015</th>
<th><strong>Message</strong></th>
<th>vFlash not enabled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
<td>Disabling vFlash was not successful because the vFlash feature is not enabled.</td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response</strong></td>
<td>The vFlash is disabled and an attempts to disable it will not be successful.</td>
</tr>
<tr>
<td></td>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td></td>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VF016</th>
<th><strong>Message</strong></th>
<th>SD card is read only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
<td>The SD card is not writable.</td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response</strong></td>
<td>Check the write-protection tab of the SD card.</td>
</tr>
<tr>
<td></td>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td></td>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VF017</th>
<th><strong>Message</strong></th>
<th>SD card not initialized</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Detailed Description</strong></td>
<td>The SD card is not initialized.</td>
</tr>
<tr>
<td></td>
<td><strong>Recommended Response</strong></td>
<td>In order to perform this operation, first initialize the SD Card.</td>
</tr>
<tr>
<td></td>
<td><strong>Category</strong></td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td></td>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
VF018

Message: Invalid partition index

Detailed Description: The specified partition index is not valid for the command.

Recommended Response: Check that the partition exists.

Category: Configuration (VF = vFlash Media)

Severity: Severity 2 (Warning)

No alerts are applicable for this message

VF019

Message: Not enough space on SD card

Detailed Description: The SD card is full.

Recommended Response: Check all the partitions, delete the ones that are not necessary and try this operation again.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)

No alerts are applicable for this message

VF020

Message: Exceeded maximum number of partitions

Detailed Description: The number of partitions exceeded the maximum number allowed on a SD card.

Recommended Response: This SD card has reached the partition limit. Delete any partitions that are not necessary and try again.

Category: Configuration (VF = vFlash Media)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
VF021

**Message**
Exceeded maximum partition size of 4GB

**Detailed Description**
The size specified is greater than the maximum allowed for a partition.

**Recommended Response Action**
Try a partition size that is smaller than 4GB and the available space on the card.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

VF022

**Message**
Partition size below minimum

**Detailed Description**
The size specified is lower than the minimum allowed for a partition.

**Recommended Response Action**
Try a larger partition size.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message

VF023

**Message**
Partition label not unique

**Detailed Description**
Partition with this label exists. Duplicate labels are not supported.

**Recommended Response Action**
Try a different partition label.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

No alerts are applicable for this message
**VF024**

**Message**  
Partition locked

**Detailed Description**  
The partition is locked by another operation.

**Recommended Response Action**  
Wait for the partition to be unlocked and check the partition status to see if it is attached.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

No alerts are applicable for this message

---

**VF025**

**Message**  
Partition is read only

**Detailed Description**  
Partition is read only

**Recommended Response Action**  
To perform a write operation on this partition, change its access type to read-write and try this operation again.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

No alerts are applicable for this message

---

**VF026**

**Message**  
Partition index in use

**Detailed Description**  
This partition index has already been used.

**Recommended Response Action**  
This partition index has already been used. Try a different index.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

No alerts are applicable for this message
VF027

**Message**  
Partition already attached

**Detailed Description**  
This partition is attached and attempts to attach it will fail.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

VF028

**Message**  
Partition already detached

**Detailed Description**  
This partition is detached and attempts to detach it will fail.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

VF029

**Message**  
Insufficient permission

**Detailed Description**  
The user account credentials provided for this vFlash operation do not have the correct privileges. Virtual Media Access privilege is required to perform vFlash SD Card media operations.

**Recommended Response Action**  
Use a different user account that has Virtual Media Access privilege.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

*No alerts are applicable for this message*
VF030

Message: Invalid hash type.
Detailed Description: The specified hash type is not a valid type.
Recommended Response: Provide a valid hash type.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

VF031

Message: Invalid partition label.
Detailed Description: The specified partition label is not a valid label.
Recommended Response: Try a label that complies with the standards for an OS volume label.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

VF032

Message: Invalid partition type.
Detailed Description: The specified partition type is not a valid type.
Recommended Response: Try a partition type that is supported.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.
VF033

Message
Invalid partition format type.

Detailed Description
The specified format type is not a valid type.

Recommended Response
Try a format type that is supported.

Category
Configuration (VF = vFlash Media)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

VF034

Message
Invalid partition access type.

Detailed Description
The specified partition access type is not a valid type.

Recommended Response
Try a partition access type that is supported.

Category
Configuration (VF = vFlash Media)

Severity
Severity 2 (Warning)

No alerts are applicable for this message

VF035

Message
Invalid image.

Detailed Description
The image file is not valid.

Recommended Response
Check the image file provided.

Category
Configuration (VF = vFlash Media)

Severity
Severity 2 (Warning)

No alerts are applicable for this message
VF036

Message: Attach partition successful.
Detailed Description: The partition was attached.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)

No alerts are applicable for this message

VF037

Message: Attach partition operation did not complete successfully.
Detailed Description: The attaching partition operation did not complete successfully.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)

No alerts are applicable for this message

VF038

Message: Detach partition successful
Detailed Description: The partition was detached.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>VF039</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VF040</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VF041</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>No alerts are applicable for this message</strong></td>
</tr>
</tbody>
</table>
VF042
Message: Remote file missing.
Detailed Description: The remote file could not be found.
Recommended Response: Check the mount area.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF043
Message: Remote file too large.
Detailed Description: The file size is too large to be used.
Recommended Response: Try a smaller file.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF044
Message: TFTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message
VF045
Message: FTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF046
Message: HTTP download operation was not successful.
Detailed Description: File transfer was not successful. This could be because of network problems or an operational problem with the file server.
Recommended Response: Try the download again. If the issue persists, validate that the network share is operational.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
No alerts are applicable for this message

VF047
Message: Unsupported SD Card.
Detailed Description: This is not a Dell-licensed VFlash.
Recommended Response: This feature requires a Dell SD card.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
VF048

**Message**
Initialize media successful.

**Detailed Description**
The SD card was initialized.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

VF049

**Message**
Initialize media operation did not complete successfully.

**Detailed Description**
The initializing SD card operation did not complete successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

VF050

**Message**
Export partition successful.

**Detailed Description**
The partition was copied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*
### VF051

**Message**
Export partition operation did not complete successfully.

**Detailed Description**
The copying partition operation did not complete successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*

### VF052

**Message**
Media not ready.

**Detailed Description**
The device is not ready to access media information.

**Recommended Response Action**
Try the operation later again.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 2 (Warning)

*No alerts are applicable for this message*
VFL Event Messages

VFL0001

Message
The vFlash SD Card operation is successful.

Detailed Description
The requested operation for the vFlash SD Card completed successfully.

Recommended Response
No response action is required.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message

VFL0002

Message
Unable to query the vFlash media status.

Detailed Description
The status of vFlash SD Card or the vFlash media partition cannot be obtained, because some of the iDRAC services are busy.

Recommended Response
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.
If the issue continues to persist, contact your service provider.

Category
System Health (VFL = vFlash Event)

Severity
Severity 1 (Critical)

No alerts are applicable for this message

VFL0003

Message
Partition arg1 does not exist.

Arguments
arg1 = partition number

Detailed Description
The partition number identified in the message cannot be queried, because identified partition does not exist.

Recommended Response
Use a partition number of an existing partition for the requested operation.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

No alerts are applicable for this message
### VFL0004

**Message**
Unable to perform the vFlash media operation.

**Detailed Description**
The requested vFlash media operation could not be performed, because some of the iDRAC services are busy.

**Recommended Response**
Retry the operation. If the issue persists, restart the iDRAC and retry the operation. If the issue continues to persist, contact your service provider.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

### VFL0005

**Message**
No vFlash partitions exist.

**Detailed Description**
There are no vFlash partitions available currently for the display.

**Recommended Response**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

### VFL0007

**Message**
No vFlash SD card is present.

**Detailed Description**
The operations could not be completed because a vFlash SD Card is not detected.

**Recommended Response**
Confirm an SD Card is present in the vFlash SD Card reader slot. Otherwise, insert an SD Card and retry the operation.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>VFL0009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>VFL0010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>VFL0011</th>
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<tr>
<td><strong>Message</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
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<tr>
<td><strong>Recommended Response</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**VFL0012**

**Message**  
vFlash media is not enabled.

**Detailed Description**  
The vFlash media is not enabled.

**Recommended Response**  
Enable the vFlash media by running the command racadm set idrac.vFlashSD.Enable 1.

**Category**  
System Health (VFL = vFlash Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**VFL0013**

**Message**  
The vFlash SD Card is in read-only mode.

**Detailed Description**  
The request could not be successfully completed, because the vFlash SD Card is in read-only mode. Write operations cannot be performed on the card.

**Recommended Response**  
Change the access mode on the vFlash SD Card to read-write.

**Category**  
System Health (VFL = vFlash Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*

---

**VFL0014**

**Message**  
The vFlash SD card is not initialized.

**Detailed Description**  
The vFlash SD card is not initialized. Either the card is not properly formatted or it may not be supported.

**Recommended Response**  
Format the vFlash SD card by running the command "racadm vflashsd initialize". Make sure that the card is supported by contacting your service provider for a list of supported SD card types.

**Category**  
System Health (VFL = vFlash Event)

**Severity**  
Severity 3 (Informational)

*No alerts are applicable for this message*
**VFL0015**

**Message**

vFlash media partition is of read-only type.

**Detailed Description**

The request could not be successfully completed, because the vFlash SD Card partition is in read-only mode. Write operations cannot be performed on the card partition.

**Recommended Response**

Change the partition access type to read-write by running the command racadm set idrac.vFlashPartition.<index>.accesstype 1.

**Category**

Configuration (VFL = vFlash Event)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

**VFL0016**

**Message**

vFlash media partition is already in attached state.

**Detailed Description**

The requested vFlash media partition is already attached to the host operating system.

**Recommended Response**

No response action is required.

**Category**

Configuration (VFL = vFlash Event)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*

**VFL0017**

**Message**

Unable to perform the vFlash media operation because the vFlash media partition is corrupted.

**Detailed Description**

The file system on the specified vFlash media partition could not be recognized. Data on the partition may be corrupted.

**Recommended Response**

Format the vFlash SD Card using the racadm vflashsd initialize command and retry the operation.

**Category**

System Health (VFL = vFlash Event)

**Severity**

Severity 3 (Informational)

*No alerts are applicable for this message*
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<tr>
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<td>The requested operation is in progress.</td>
</tr>
<tr>
<td>VFL0019</td>
<td>The vFlash media partition is already in detached state.</td>
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<tr>
<td>VFL0020</td>
<td>vFlash SD card is not ready.</td>
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<table>
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<tr>
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<tbody>
<tr>
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<td>VFL0020</td>
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</table>

*No alerts are applicable for this message*
**VFL0021**

**Message**
One of the vFlash SD Card partitions is already attached to the host operating system.

**Detailed Description**
The requested operation cannot be performed if one of the vFlash SD cards is in an attached state.

**Recommended Response**
Detach the vFlash SD Card partitions by running the racadm command "racadm set iDRAC.vflashpartition.<partition number>.attachstate 0". and retry the operation.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**VFL0703**

**Message**
The SD card initialization was successful.

**Detailed Description**
None

**Recommended Response**
No response action is required.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

*No alerts are applicable for this message*

**VFL0704**

**Message**
SD card is not present and could not be initialized.

**Detailed Description**
None

**Recommended Response**
Insert the SD card and try again.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
**VFL0705**

**Message**  
Error occurred and SD card could not be initialized.

**Detailed Description**  
An error has occurred while initializing the SD card. The SD card is not present or vFlash is not enabled, or the SD card is write-protected.

**Recommended Response**  
Re-insert the SD card, enable the SD card, or disable write-protection on the SD card. Then try to initialize the SD card again.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

**VFL0708**

**Message**  
SD card is busy with another operation and could not be initialized.

**Detailed Description**  
none

**Recommended Response**  
Retry after a few minutes.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*

**VFL0710**

**Message**  
vFlash is not enabled; the SD card could not be initialized.

**Detailed Description**  
none

**Recommended Response**  
Enable vFlash and try again.

**Category**  
Configuration (VFL = vFlash Event)

**Severity**  
Severity 1 (Critical)

*No alerts are applicable for this message*
**VFL0711**

**Message**
SD card is write-protected and could not be initialized.

**Detailed Description**
An error occurred while initializing the SD card because the SD card write-protection feature is enabled.

**Recommended Response Action**
Move the SD card write-protection tab to the disabled position and try again.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

**VFL0712**

**Message**
One or more partitions are busy with another operation; the SD card could not be initialized.

**Detailed Description**
one

**Recommended Response Action**
Retry the task after a few minutes

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*

---

**VFL0713**

**Message**
One or more partitions are currently attached; the SD card could not be initialized.

**Detailed Description**
one

**Recommended Response Action**
Detach the partitions and try again.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

*No alerts are applicable for this message*
VFL0714
Message: SD card is not ready and could not be initialized.
Detailed Description: none
Recommended Response: Retry after a few minutes.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

VFL0715
Message: Error occurred while initializing the SD Card due to insufficient permission.
Detailed Description: None
Recommended Response: Contact the administrator for the required permissions and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
No alerts are applicable for this message

VFL0716
Message: SD Card is not a vFlash SD Card; the SD card could not be initialized.
Detailed Description: An error has occurred while initializing SD Card because the SD card is not an approved vFlash SD card.
Recommended Response: Insert a vFlash SD card and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
No alerts are applicable for this message
VFL0719

Message: One or more partitions are in use; the SD card could not be initialized.
Detailed Description: The SD card is in use by another process. Initialization requires exclusive access to the SD card to complete the initialization.
Recommended Response Action: The SD card is in use by another process. Retry after a few minutes.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

VFL0721

Message: Error occurred while initializing the SD Card due to a timeout.
Detailed Description: The SD card initialization did not complete within the maximum process allotted time.
Recommended Response Action: Retry after a few minutes.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)

No alerts are applicable for this message

VFL1001

Message: Removable Flash Media \texttt{arg1} is present.
Arguments: \texttt{arg1 = name}
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2507
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<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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<tbody>
<tr>
<td><strong>iDRAC</strong></td>
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<td>✔*</td>
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</tbody>
</table>

### VFL1002

**Message**
Removable Flash Media \(arg1\) is IPMI-function ready.

**Arguments**
\(arg1\) = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

### VFL1003

**Message**
Removable Flash Media \(arg1\) is not IPMI-function ready.

**Arguments**
\(arg1\) = name

**Detailed Description**
The removable flash media is installed but improperly configured or failed to initialize.

**Recommended Response Action**
If unintended, reinstall the flash media and module.
Category: System Health (VFL = vFlash Event)
Severity: Severity 2 (Warning)

Filter
Visibility

IPMI
Alert

SNMP
Alert

Email
Alert

Remote System
Log

WS
Eventing

iDRAC

CMC

LC Log

LCD

OS Log

Power
Off

Power
Cycle

Reset

Chassis Event
Proxy

iDRAC

CMC

VFL1004

Message: Removable Flash Media arg1 is ready.
Arguments: arg1 = name
Detailed Description: None
Recommended Response: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)

Filter
Visibility

IPMI
Alert

SNMP
Alert

Email
Alert

Remote System
Log

WS
Eventing

iDRAC

CMC

LC Log

LCD

OS Log

Power
Off

Power
Cycle

Reset

Chassis Event
Proxy

iDRAC

CMC

VFL1005

Message: Removable Flash Media arg1 is not ready.
Arguments: arg1 = name
Detailed Description: The media is being prepared or is under maintenance. If the problem persists, reinstall the card.
Recommended Response Action

Please wait for the media to be ready.

Category
System Health (VFL = vFlash Event)

Severity
Severity 2 (Warning)

<table>
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</tbody>
</table>

VFL1006

Message
Removable Flash Media arg1 is offline.

Arguments
arg1 = name

Detailed Description
At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

Recommended Response Action
If unintended, reinstall the flash media.

Category
System Health (VFL = vFlash Event)

Severity
Severity 2 (Warning)

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</tbody>
</table>
VFL1007

Message: Removable Flash Media arg1 is online.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

iDRAC ✔*
CMC

VFL1008

Message: Failure detected on Removable Flash Media arg1.
Arguments: arg1 = name
Detailed Description: An error is reported during a SD card read or write.
Recommended Response Action: Re-install the flash media, if the issue persists replace the media.
Category: System Health (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2505
LCD Message: Removable Flash Media <name> failed. Check SD Card
VFL1009

Message  Removable Flash Media arg1 is operating normally.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (VFL = vFlash Event)
Severity  Severity 3 (Informational)
Trap/EventID  2507

VFL1010

Message  Removable Flash Media arg1 was activated.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action
No response action is required.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Trap/EventID
2507

Filter Visibility
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</table>

VFL1011

Message
Removable Flash Media arg1 was deactivated.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Trap/EventID
2507

Filter Visibility
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LC Log

Power Off

Reset

Power Cycle

Chassis Event Proxy

iDRAC

CMC

VFL1011
**VFL1012**

<table>
<thead>
<tr>
<th>Message</th>
<th>Removable Flash Media \textit{arg1} is booting.</th>
</tr>
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<tbody>
<tr>
<td>Arguments</td>
<td>\textit{arg1} = name</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>None</td>
</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (VFL = vFlash Event)</td>
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<tr>
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**VFL1013**

<table>
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<tr>
<th>Message</th>
<th>Removable Flash Media \textit{arg1} has finished booting.</th>
</tr>
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<tbody>
<tr>
<td>Arguments</td>
<td>\textit{arg1} = name</td>
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<tr>
<td>Detailed Description</td>
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</tr>
<tr>
<td>Recommended Response</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (VFL = vFlash Event)</td>
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</table>

2349
**VFL1014**

Message: Removable Flash Media `arg1` is write protected.

Arguments: `arg1 = name`

Detailed Description: The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

Recommended Response Action: if unintended, remove the media and disable write protection.

Category: System Health (VFL = vFlash Event)

Severity: Severity 2 (Warning)

Trap/EventID: 2506

LCD Message: Removable Flash Media `<name>` is write protected. Check SD Card

**VFL1015**

Message: Removable Flash Media `arg1` is writable.

Arguments: `arg1 = name`

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (VFL = vFlash Event)

Severity: Severity 3 (Informational)
VFL1016

Message  Media not present for Removable Flash Media arg1.

Arguments  arg1 = name

Detailed Description  The SD card is not detected or not installed.

Recommended Response  If unintended, reinstall the flash media.

Category  System Health (VFL = vFlash Event)

Severity  Severity 1 (Critical)
**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

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VFLA Event Messages

VFLA1000

**Message**
Removable Flash Media `arg1` is absent.

**Arguments**
`arg1 = name`

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFLA = vFlash Absent)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2515

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VLT Event Messages

VLT0100

Message: Processor module arg1 voltage is less than the lower warning threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

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VLT0101

Message: Processor module arg1 voltage is less than the lower critical threshold.

Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

LCD Message: Processor module <name> voltage is outside of range. Contact support
VLT0102

Message: Processor module arg\texttt{1} voltage is greater than the upper warning threshold.

Arguments: \texttt{arg1} = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

---

VLT0103

Message: Processor module arg\texttt{1} voltage is greater than the upper critical threshold.

Arguments: \texttt{arg1} = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
**Recommended Response Action**

1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**LCD Message**
Processor module `<name>` voltage is outside of range. Contact support

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**Message**
Processor module `arg1` voltage is outside of range.

**Arguments**
`arg1 = name`

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**

1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
Processor module `<name>` voltage is outside of range. Contact support

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### VLT0105

**Message**  
Processor module arg1 voltage is within range.

**Arguments**  
arg1 = name

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2171

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### VLT0200

**Message**  
The system board arg1 voltage is less than the lower warning threshold.

**Arguments**  
arg1 = name

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**  
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)
Severity 2 (Warning)

Trap/EventID 2170

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**VLT0201**

**Message**

The system board *arg1* voltage is less than the lower critical threshold.

**Arguments**

`arg1 = name`

**Detailed Description**

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**

1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 1 (Critical)

**Trap/EventID** 2169

**LCD Message**

The system board <name> voltage is outside of range. Contact support

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2358
VLT0202

**Message**
The system board \texttt{arg1} voltage is greater than the upper warning threshold.

**Arguments**
\texttt{arg1 = name}

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170

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VLT0203

**Message**
The system board \texttt{arg1} voltage is greater than the upper critical threshold.

**Arguments**
\texttt{arg1 = name}

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169
**VLT0204**

**Message**
The system board arg1 voltage is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
The system board <name> voltage is outside of range. Contact support

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**iDRAC**

**CMC**

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**iDRAC**

**CMC**

**VLT0205**

**Message**
The system board arg1 voltage is within range.
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**VLT0206**

**Message**
The memory module arg1 arg2 voltage is less than the lower warning threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170

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VLT0207

Message
The memory module arg1 arg2 voltage is less than the lower critical threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
Memory module <number> <name> voltage is outside of range. Contact support

VLT0208

Message
The memory module arg1 arg2 voltage is greater than the upper warning threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
The memory module \texttt{arg1 arg2} voltage is greater than the upper critical threshold.

\textit{arg1} = number, \textit{arg2} = name

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Memory module \texttt{<number> <name>} voltage is outside of range. Contact support
VLT0210

**Message**
The memory module arg1 arg2 voltage is outside of range.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
Memory module <number> <name> voltage is outside of range. Contact support

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VLT0211

**Message**
The memory module arg1 arg2 voltage is within range.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171
The disk drive bay \textit{arg1} voltage is less than the lower warning threshold.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = name

\textbf{Recommended Response} 

1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

\textbf{Category} 

System Health (VLT = Voltage)

\textbf{Severity} 

Severity 2 (Warning)

\textbf{Trap/EventID} 

2170

The disk drive bay \textit{arg1} voltage is less than the lower critical threshold.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = name

\textbf{Recommended Response} 

1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

\textbf{Category} 

System Health (VLT = Voltage)

\textbf{Severity} 

Severity 2 (Warning)

\textbf{Trap/EventID} 

2365
Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

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**VLT0214**

Message
The disk drive bay arg1 voltage is greater than the upper warning threshold.

Arguments
argon1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

Trap/EventID
2170

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**VLT0215**

**Message**
The disk drive bay arg1 voltage is greater than the upper critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

---

**VLT0216**

**Message**
The disk drive bay arg1 voltage is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
**Category**  System Health (VLT = Voltage)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2169

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**VLT0217**

**Message**  The disk drive bay arg1 voltage is within range.

**Arguments**  

arg1 = name

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (VLT = Voltage)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  2171

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**Filter Visibility**

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**CMC**

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**VLT0218**

**Message**  The arg1 voltage is less than the lower warning threshold.
**Arguments**

`arg1 = name`

**Detailed Description**

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**

1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2170

**Filter Visibility**

+ iDRAC ✔ ✔* ✔ ✔ ✔ ✔
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**LC Log**

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**LCD Message**

VLT0219

The `arg1` voltage is less than the lower critical threshold.

**Arguments**

`arg1 = name`

**Detailed Description**

System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**

1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 1 (Critical)

** Trap/EventID**

2169

**LCD Message**

The `<name>` voltage is outside of range. Contact support
### VLT0220

**Message**  The arg1 voltage is greater than the upper warning threshold.

**Arguments**  
arg1 = name

**Detailed Description**  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**  
1) Review system logs for power supply exceptions  
2) Reduce system to minimum configuration, inspect and re-install system cables.  
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  System Health (VLT = Voltage)

**Severity**  Severity 2 (Warning)

**Trap/EventID**  2170

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</table>

### VLT0221

**Message**  The arg1 voltage is greater than the upper critical threshold.

**Arguments**  
arg1 = name

**Detailed Description**  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
**Recommended Response Action**

1) Review system logs for power supply exceptions  
2) Reduce system to minimum configuration, inspect and re-install system cables.  
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2169

**LCD Message**  
The `<name>` voltage is outside of range. Contact support

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</table>

**VLT0222**

**Message**  
The `arg1` voltage is outside of range.

**Arguments**  
`arg1 = name`

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**

1) Review system logs for power supply exceptions  
2) Reduce system to minimum configuration, inspect and re-install system cables.  
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2169

**LCD Message**  
Internal voltage is outside of range. Contact support

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VLT0223

Message  The arg1 voltage is within range.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (VLT = Voltage)
Severity  Severity 3 (Informational)
Trap/EventID  2171

VLT0224

Message  The memory module arg1 voltage is less than the lower warning threshold.
Arguments  arg1 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 2 (Warning)
The memory module arg1 voltage is less than the lower critical threshold.

**Arguments**
- arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in fail-safe mode.

**Recommended Response**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**LCD Message**
Memory module <name> voltage is outside of range. Contact support

---

The memory module arg1 voltage is greater than the upper warning threshold.

**Arguments**
- arg1 = name
Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively, the system may power down in failsafe mode.

Recommended Response Action:
1) Review system logs for power supply exceptions.
2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
Severity: Severity 2 (Warning)

Message: The memory module arg1 voltage is greater than the upper critical threshold.
Arguments: arg1 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively, the system may power down in failsafe mode.

Recommended Response Action:
1) Review system logs for power supply exceptions.
2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
VLT0228

Message
The memory module arg1 voltage is outside of range.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in fail-safe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
Memory module <name> voltage is outside of range. Contact support

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing

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CMC

VLT0229

Message
The memory module arg1 voltage is within range.

Arguments
arg1 = name

Detailed Description
None

Recommended Response
No response action is required.

Category
System Health (VLT = Voltage)
Severity 3 (Informational)
Trap/EventID 2171

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**VLT0230**

**Message**
The mezzanine card \texttt{arg1 arg2} voltage is less than the lower warning threshold.

**Arguments**\texttt{arg1 = number, arg2 = name}

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response**
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170

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**VLT0231**

**Message**
The mezzanine card \texttt{arg1 arg2} voltage is less than the lower critical threshold.

**Arguments**\texttt{arg1 = number, arg2 = name}
Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID 2169

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VLT0232

Message
The mezzanine card arg1 arg2 voltage is greater than the upper warning threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

Trap/EventID 2170

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</table>
The mezzanine card arg1 arg2 voltage is greater than the upper critical threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

The mezzanine card arg1 arg2 voltage is outside of range.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)
### VLT0235

**Message**

The mezzanine card `arg1 arg2` voltage is within range.

**Arguments**

`arg1 = number, arg2 = name`

**Recommended Response**

No response action is required.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2171

---

### VLT0300

**Message**

CPU `arg1 arg2` voltage is less than the lower warning threshold.

**Arguments**

`arg1 = number, arg2 = name`
Detailed Description
Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. The low voltage may cause the processor to fail to operate.

Recommended Response
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

Trap/EventID
2170

VLT0301

Message
CPU arg1 arg2 voltage is less than the lower critical threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. When the critical threshold is crossed, the processor will fail to operate. The system may power down.

Recommended Response
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
CPU <number> <name> voltage is outside of range. Reseat CPU
### VLT0302

**Message**

CPU arg1 arg2 voltage is greater than the upper warning threshold.

**Arguments**

arg1 = number, arg2 = name

**Detailed Description**

High voltages may be the result of problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other electronic components inside the system.

**Recommended Response**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2170

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### VLT0303

**Message**

CPU arg1 arg2 voltage is greater than the upper critical threshold.

**Arguments**

arg1 = number, arg2 = name

**Detailed Description**

High voltages may be the result of problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other system electrical components. The system may power down.

**Recommended Response**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
CPU <number> <name> voltage is outside of range. Reseat CPU

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### LC Log

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</table>

**VLT0304**

**Message**
CPU <arg1> <arg2> voltage is outside of range.

**Arguments**

arg1 = number, arg2 = name

**Detailed Description**

Voltages outside the allowable range may damage electrical components or may cause the system to shutdown.

**Recommended Response**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
CPU <number> <name> voltage is outside of range. Reseat CPU

### Filter Visibility

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### VLT0305

**Message**
CPU arg1 arg2 voltage is within range.

**Arguments**
- **arg1** = number
- **arg2** = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

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### VLT400

**Message**
The arg1 sensor has failed with a value arg2 Volts.

**Arguments**
- **arg1** = sensor name
- **arg2** = voltage

**Detailed Description**
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5150
VLT401

Message
Unable to read arg1 sensor value.

Arguments
arg1 = sensor name

Detailed Description
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

OMSA Event ID
5151

VLT402

Message
The arg1 sensor has returned to a normal state with a value of arg2 Volts.
Arguments

arg1 = sensor name, arg2 = voltage

Detailed Description

The voltage sensor identified in the message has returned to a normal state.

Recommended Response Action

No response action is required.

Category

System Health (VLT = Voltage)

Severity

Severity 3 (Informational)

OMSA Event ID

5152

OMSA Trap ID

5152

Filter Visibility

IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing

iDRAC ✔* ✔ ✔

CMC ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔*

CMC

VLT403

Message

The arg1 sensor state has changed to a warning state with a value of arg2 Volts.

Arguments

arg1 = sensor name, arg2 = voltage

Detailed Description

The voltage sensor identified in the message is faulty, or the voltage exceeds the preset warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action

Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category

System Health (VLT = Voltage)

Severity

Severity 2 (Warning)

OMSA Event ID

5153

OMSA Trap ID

5153
The arg1 sensor detected an error with a value of arg2 Volts.

**Arguments**

arg1 = sensor name, arg2 = voltage

**Detailed Description**

The voltage sensor identified in the message is faulty, or the voltage exceeds the preset critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response**

Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**

System Health (VLT = Voltage)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

5154

**OMSA Trap ID**

5154

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![Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing](image_url)

| iDRAC | ✔* | ✔ | ✔ | ✔ |
| CMC |

| LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
| iDRAC | ✔* |
| CMC |
VLT405

Message: The \textit{arg1} sensor has failed with a value of \textit{arg2} Volts.

Arguments: \textit{arg1} = sensor name, \textit{arg2} = voltage

Detailed Description: A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action: Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

OMSA Event ID: 5155

OMSA Trap ID: 5155

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## VME Event Messages

### VME0001

**Message**  Virtual Console session started.

**Detailed Description**  Virtual Console session started.

**Recommended Response Action**  No response action is required.

**Category**  Audit (VME = Virtual Media)

**Severity**  Severity 3 (Informational)

<table>
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### VME0002

**Message**  Virtual Media session started.

**Detailed Description**  Virtual Media session started.

**Recommended Response Action**  No response action is required.

**Category**  Audit (VME = Virtual Media)

**Severity**  Severity 3 (Informational)

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**VME0003**

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<td>Detailed Description</td>
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<tr>
<td>Recommended Response</td>
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<tr>
<td>Category</td>
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<tr>
<td>Severity</td>
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**Filter Visibility**

- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**

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**VME0004**

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<td>Detailed Description</td>
<td>Virtual Media session fails to start.</td>
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<tr>
<td>Recommended Response</td>
<td>Retry the Virtual Media session initiation.</td>
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<tr>
<td>Category</td>
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<tr>
<td>Severity</td>
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**Filter Visibility**

- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing

**iDRAC** ✔

**CMC**
VME0005

Message: Virtual Console session exited.
Detailed Description: Virtual Console session exited.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)

VME0006

Message: Virtual Media session exited.
Detailed Description: Virtual Media session exited.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
### VME0007

**Message**
Virtual Console session created.

**Detailed Description**
Virtual Console session created.

**Recommended Response Action**
No response action is required.

**Category**
Audit (VME = Virtual Media)

**Severity**
Severity 3 (Informational)

### VME0008

**Message**
Virtual Media session created.

**Detailed Description**
Virtual Media session created.

**Recommended Response Action**
No response action is required.

**Category**
Audit (VME = Virtual Media)

**Severity**
Severity 3 (Informational)
<table>
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# VRM Event Messages

## VRM0009
- **Message**: No Virtual Media devices are currently connected.
- **Detailed Description**: No virtual media was found to disconnect.
- **Recommended Response Action**: No response action is required.
- **Category**: System Health (VRM = Virtual Console)
- **Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*

## VRM0010
- **Message**: Unable to disconnect Virtual Media devices.
- **Detailed Description**: The virtual media could not be disconnected. Possible reason is that it might be in use.
- **Recommended Response Action**: No response action is required.
- **Category**: System Health (VRM = Virtual Console)
- **Severity**: Severity 1 (Critical)

*No alerts are applicable for this message*

## VRM0011
- **Message**: The Virtual Media image server is not currently connected.
- **Detailed Description**: The Virtual Media server is already disconnected.
- **Recommended Response Action**: No response action is required.
- **Category**: System Health (VRM = Virtual Console)
- **Severity**: Severity 3 (Informational)

*No alerts are applicable for this message*
VRM0012

Message: The Virtual Media image server is already connected.
Detailed Description: The Virtual Media server is already connected.
Recommended Response Action: No response action is required.
Category: System Health (VRM = Virtual Console)
Severity: Severity 3 (Informational)

No alerts are applicable for this message.

VRM0013

Message: Virtual Media services is currently attached to the USB interface. It must be detached before the image server can be connected.
Detailed Description: Simultaneously connecting Virtual Media and USB interface is not possible.
Recommended Response Action: Detach the USB interface and re-try.
Category: System Health (VRM = Virtual Console)
Severity: Severity 2 (Warning)

No alerts are applicable for this message.

VRM0014

Message: Unable to determine current state of Virtual Media USB interface.
Detailed Description: Racadm tool was unable to get the status of the USB interface.
Recommended Response Action: No response action is required.
Category: System Health (VRM = Virtual Console)
Severity: Severity 1 (Critical)

No alerts are applicable for this message.
VRM0015

Message: Virtual Console is ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (VRM = Virtual Console)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

VRM0016

Message: Virtual Console is DISABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (VRM = Virtual Console)
Severity: Severity 3 (Informational)
No alerts are applicable for this message

VRM0017

Message: Virtual Media disconnect operation successful
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (VRM = Virtual Console)
Severity: Severity 3 (Informational)
No alerts are applicable for this message
<table>
<thead>
<tr>
<th>VRM0018</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Virtual Media image server operation successful</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (VRM = Virtual Console)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>VRM0019</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Remote Image is now Configured</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Remote Image is now configured and ready to use.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (VRM = Virtual Console)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>VRM0020</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to determine current Remote Image state.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Racadm tool failed to obtain the data.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (VRM = Virtual Console)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
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