

**Dell OpenManage  
SNMP Reference Guide Version 7.3**



# Notes, Cautions, and Warnings



**NOTE:** A NOTE indicates important information that helps you make better use of your computer.



**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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2013 - 06

Rev. A00

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# Introduction

This reference guide provides information about the Simple Network Management Protocol (SNMP) Management Information Base (MIB) which is applicable for Dell OpenManage Version 7.



**NOTE:** This guide contains information that may also be applicable to earlier OpenManage supported platforms.

This introduction is divided into two sections. The first section, [Introduction to the SNMP Reference Guide](#), explains the SNMP Reference Guide design. All essential Simple Network Management Protocol (SNMP) terms are defined in this section. Some of the vocabulary may seem complex and unfamiliar to system administrators who are using SNMP for the first time. SNMP experts can skim this section, and beginners can read the section more carefully.

The second section, [Introduction to the Server Administrator SNMP Subagent](#), is a more technical introduction to the management information base (MIB) that underlies Server Administrator services.

## What's New in This Release

The new features for this release include

- Added new varbinds for **Dell OpenManage Server Administrator Storage Management**
  - Added the following new table for:  
**Storage Management Group MIB**
    - \* Modified the description for Virtual Disk Layout.
    - \* Added MIB table for Virtual Disk Partition.
    - \* Added MIB table for Fluid Cache Table.
    - \* Added MIB table for Fluid Cache Disk.
    - \* Added MIB table for Fluid Cache Pool Table.
    - \* Modified table for Array Disk Table.
- Added new varbinds for **Dell Remote Access Controller Out-of-Band Group**
  - Added MIB for Product Information.
  - Added MIB for Firmware.
  - Added MIB for Chassis Server for Dell PowerEdge VRTX.
  - Added MIB for Chassis Alert for PowerEdge VRTX.
- Added new tables in **SNMP Traps**
- The following new traps in SNMP are for **PowerEdge VRTX CMC and PowerEdge M1000e CMC:**
  - Added MIB table for PowerEdge M1000e CMC traps.
  - Added MIB table for PowerEdge VRTX CMC traps.

# Supported SNMP Versions

Operating System	Supported OMSA SNMP version
Windows	SNMP v1
Linux	SNMP v1

## Introduction to the SNMP Reference Guide

This reference guide provides a formatted version of the following Management Information Base that are released with the current version of Dell OpenManage.

Sections in this guide follow MIB groups and provide explanations and definitions for the terms used to define MIB objects. Content in this reference guide is organized as documented in the following subsections.

### Server Administrator Instrumentation MIB

The Server Administrator Instrumentation MIB ( filename **10892.mib** ) provides instrumentation data that allows you to monitor the health of a system with SNMP management applications. It provides:

- Information about the status of temperatures, power supplies, voltages, currents, fans, and memory at key points in the system
- Rapid access to detailed fault and performance information gathered by industry standard systems management agents
- Version information for Basic Input/Output System (BIOS), firmware, and operating system
- A detailed account of every cost of ownership (COO) detail about your system

In addition, traps are sent to report a change in status of the health of critical components.

The Server Administrator Instrumentation MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. The below table describes each Server Administrator Instrumentation MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Instrumentation MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number>, where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 1. Server Administrator Instrumentation MIB Sections in This Guide**

Section	Topics	MIB Group Numbers
2	Instrumentation MIB Version Group — defines version numbers of the Instrumentation MIB	1
3	Systems Management Software Group — defines information about the systems management software and the supported systems management standards	100
4	System State Group — defines status, state, and redundancy for a system and its components	200
5	Chassis Information Group — defines chassis types, events, and indicators	300

Section	Topics	MIB Group Numbers
6	Operating System Group — defines variables for name, version, service pack, and other information about a system's operating system	400
7	System Resource Group — defines variables for input/output ports, memory, interrupts, and direct memory access	500
8	Power Group — defines variables for power units, power supplies, and their current and voltage probes	600
9	Thermal Group — defines variables for temperature probes and cooling devices	700
10	User Security Group — defines variables for creating and modifying user accounts	800
11	Remote Flash BIOS Group — defines variables for updating the system's BIOS remotely	900
12	Port Group — defines variables for major port types such as keyboard, monitor, small computer system interface (SCSI), Universal Serial Bus (USB), and parallel and serial ports	1000
13	Device Group — defines variables for pointing, keyboard, processor, cache, memory, and personal computer interface devices	1100
14	Slot Group — defines variables for the system's slots	1200
15	Memory Group — defines variables for the system's physical memory	1300
16	BIOS Setup Control Group — defines variables for BIOS functions such as boot sequence, speakers, Wake on the local area network (LAN), diskettes, ports, and network interface controllers (NIC)	1400
17	Local Response Agent Group — defines variables for global settings and actions. These variables allow users to predetermine how the system responds to a particular type of event	1500
18	Cost of Ownership Group — defines variables for tracking data on the system's service contract, lease, repair records, trouble tickets, and so on	1600
20	Cluster Group — defines variables for systems that operate as a cluster	1800
21	Baseboard Management Controller Group — provides information about the Baseboard Management Controller (BMC) that may be present in your system. In addition to providing general information about the BMC, this group provides information about the serial and local area network (LAN) interfaces of the BMC	1900
26	Traps — defines the types of alerts that can be sent to report the status of critical components	5000

## Server Administrator Remote Access MIB

The Server Administrator Remote Access MIB ( filename **dcs3rmt.mib** ) provides in-band information about remote access hardware that may be present in your system.

The Server Administrator Remote Access MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. Table below describes each Server Administrator Remote Access MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Remote Access MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 2. Server Administrator Remote Access MIB Sections in This Guide**

Section	Topic	MIB Group Numbers
19	Remote Access Group — provides information about remote access hardware that may be present in your system and defines variables for administrative users, SNMP trap destinations, modem configuration for dial-up networking, dial-in configuration, and dial-out destinations	1700

## Server Administrator Baseboard Management Controller, ASF MIB

The Server Administrator BMC MIB (filename **DcAsfSrv.mib**) provides information about the traps sent by BMC. The Server Administrator BMC MIB structures its MIB objects that provide related information. The BMC MIB groups are identified by the SNMP OID 1.3.6.1.4.1.3183.1.1.<MIB group number>. The BMC MIB adheres to ASF 2.0 standard and hence the enterprise ID is wired for management (3183).

## Server Administrator Field Replaceable Unit MIB

The Server Administrator Field Replaceable Unit MIB (filename **dcs3fru.mib**) provides information about field replaceable unit (FRU) hardware that may be present in your system.

The Server Administrator Field Replaceable Unit MIB structures its MIB objects into groups of scalar objects or MIB tables that provide related information. The following table describes each Server Administrator Field Replaceable Unit MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Field Replaceable Unit MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.10892.1.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 3. Server Administrator Field Replaceable Unit MIB Sections in This Guide**

Section	Topic	MIB Group Numbers
22	Field Replaceable Unit Group — provides information about field replaceable units that may be present in your system	2000

## Server Administrator Storage Management MIB

The Server Administrator Storage Management MIB (filename **dcstorag.mib**) provides storage management data that allows you to monitor the health of storage resources with SNMP management applications.

The following table describes each Server Administrator Storage Management MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Storage Management MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 4. Server Administrator Storage Management MIB Sections in This Guide**

Section	Topics	MIB Group Numbers
23	Storage Management Group — consists of definitions for the following MIB groups:	10893
		NA
	• Storage Management Group	20
	• Storage Management Information Group	NA
	• Global Data Group	NA
	• Physical Devices Group	130
	• Logical Devices Group	140
	• Storage Management Event Group	NA
	• Software Group	1
27	Storage Management Alert Reference — lets you monitor the health of storage resources such as controllers, connectors, array disks, and virtual disks	NA

## Server Administrator Change Management MIB

The Server Administrator Change Management MIB (filename **dellcm.mib**) provides management data that allows you to monitor the inventory of devices and applications with SNMP management applications.

The following table describes each Server Administrator Change Management MIB group and lists the MIB group number assigned to the MIB group. The Server Administrator Change Management MIB groups are identified by the SNMP OID 1.3.6.1.4.1.674.<MIB group number> where <MIB group number> is the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 5. Server Administrator Change Management MIB Sections in This Guide**

Section	Topics	MIB Group Number
24	Change Management Group - describes the inventory data provided by the Change Management MIB that allows users to monitor devices and software present on a particular managed computer chassis	10899

## Dell Remote Access Controller Out-of-Band MIB

The Dell Remote Access Controller Out-of-Band MIB (filename **dellRAC.mib**) provides management data that allows you to monitor the Chassis Management Controller. This MIB also contains information on RAC legacy alerting. The following table describes each Dell RAC Out-of-Band group and lists the MIB group number assigned to the MIB group. See the relevant section for more information about the MIB objects defined in a MIB group.

**Table 6. Dell RAC Out-of-Band MIB**

Section	Topics	MIB Group Number
25	The Dell RAC Out-of-Band MIB consists of information for the following groups:	2
	• Product Information	
	• Chassis Status	
	• Chassis Power	

Section	Topics	MIB Group Number
	<ul style="list-style-type: none"> <li>• CMC Power Information</li> <li>• CMC PSU Information</li> <li>• Chassis Alerts</li> <li>• Legacy Alerting</li> </ul>	

## How This Guide Defines Technical Terms

The following table provides information about where to find definitions for technical terms in this reference guide.

**Table 7. Where to Find Definitions for Technical Terms**

Type of Definition	See
Basic SNMP vocabulary.	Introduction
MIB-group-specific variable values. MIB-group-specific MIB variables contain links to the tables that define these values in the last section of the section in which these variables are used.	Sections 3, 5, 7, 8, 9, and 11 through 18.
Systems management terms, acronyms, and commonly managed components referred to in this reference guide.	<i>Glossary</i> available on the Dell Support web site at <a href="http://dell.com/support/manuals">dell.com/support/manuals</a> .
Server Administrator-standard data types that specify variable values in this reference guide.	Appendix A, Standard Data Type Definitions.

## Basic Terminology

It is important to have a good understanding of the key technical terms used in this guide. This guide provides definitions for all essential terms used in describing the Server Administrator MIBs. For definitions on all essential terms and acronyms, see the *Glossary* available on the Dell Support website at [dell.com/support/manuals](http://dell.com/support/manuals).

## Frequently Used Terms in Variable Names

The following terms are frequently used in the name of a MIB variable:

**Capability** refers to the actions an object can perform, or to actions that can be taken by the object. Hot-pluggable is an example of a capability. If a card is hot-pluggable, it can be replaced while a system is running. Capability settings refer to the capabilities of the object that the user can select from and activate if desired. Capability settings allow users of the server administrator to predetermine how an object behaves under specific conditions.

**Settings** are the conditions of a manageable object that determine what happens when a certain value is detected in a component. For example, a user can set the upper critical threshold of a temperature probe to 75 degrees Celsius. If the probe reaches that temperature, the setting causes an alert to be sent to the management console. Some settings, when reached, can trigger a system shutdown or other response to prevent damage to the system.

**State** refers to the condition of an object that has more than one condition. For example, an object may be in a *not ready* or in an *enabled* state.

**Status** refers to the health of an object or how the object is functioning. For example, the status of a temperature probe that is measuring acceptable temperatures would be reported as normal. When the probe begins reading temperatures that exceed limits set by the user, it reports a critical status.



## Tables

This reference guide contains two types of tables: tables that are used to organize and define variable values and tables that define MIB objects. Readers must understand the difference between these two types of tables.

### SNMP Tables

Most of the MIB objects defined in this reference guide are organized into SNMP tables. SNMP tables organize data into two-dimensional structural arrays. In SNMP, objects that have a relationship to other objects are called columnar objects. Columnar objects are objects used to form lists and tables. When a MIB group is divided into one or more discrete tables, the word *table* has a technical meaning. An example is the section of this reference guide entitled Universal Unique Identifier (UUID). The UUID object has a type and a value that uniquely identifies an object such as a chassis. The table defines all of the variables that comprise the managed object UUID.

The following table is an example of an SNMP table. The table contains variables that must occur in a definite sequence. In the example table the defined variables are UUID Chassis Index, UUID Index, UUID Type, and UUID Value.

These objects comprise the Server Administrator definitions for the UUID.

**Table 8. UUID Table**

<b>Name</b>	uUIDTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20
<b>Description</b>	Defines the UUID table.
<b>Syntax</b>	SEQUENCE OF UUIDTableEntry
<b>Access</b>	Not accessible

**Table 9. UUID Table Entry**

<b>Name</b>	uUIDTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1
<b>Description</b>	Defines the UUID table entry.
<b>Syntax</b>	UUIDTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	uUIDIndex , uUIDchassisIndex

**Table 10. UUID Chassis Index**

<b>Name</b>	uUIDchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DelObjectRange

**Access** Read-only

**Table 11. UUID Index**

<b>Name</b>	uUUIDIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.2
<b>Description</b>	Defines the index of the UUID in a specified chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 12. UUID Type**

<b>Name</b>	uUUIDType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.3
<b>Description</b>	Defines the type of the UUID for this chassis.
<b>Syntax</b>	DellUUIDType
<b>Access</b>	Read-only

**Table 13. UUID Value**

<b>Name</b>	uUUIDValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.4
<b>Description</b>	Defines the value of the UUID for this chassis.
<b>Syntax</b>	Octet String (SIZE[16])
<b>Access</b>	Read-only

## Section Organization

Sections in this reference guide are based on the Server Administrator MIBs, so the complexity of each section depends on the complexity of each MIB group. The first section provides a high-level introduction to the MIB group. If the group is defined by one or more tables, the second section lists these tables. The third section documents the variables that comprise the group, and if applicable, the variables that comprise the tables. The fourth section contains definitions for any Server Administrator-specific variables that are used in the section. The following example shows the typical content of these four sections:

1. BIOS Setup Control Group — This section explains the purpose of the MIB group and summarizes the major features of the component groups.
2. BIOS Group Tables — If there is more than one SNMP table for a group, this section lists all of the tables. For this BIOS group example, there are eight tables listed. In each section, double-clicking any table on the list takes you to that table.
  - BIOS Setup Control Table
  - SCSI Control Table
  - Parallel Port Control Table
  - Serial Port Control Table

- USB Control Table
  - IDE Control Table
  - Diskette Control Table
  - Network Interface Control Table
3. Variables that make up each table in the group — This section documents the variables for the eight tables that comprise the BIOS group.
  4. BIOS Variable Values — This section explains any Server Administrator-specific variables and data types that are used in this section. In the BIOS group example, there are 17 unique, Server Administrator-specific variable meanings. Information on each Server Administrator-specific variable is presented in a formatted table.

## Other Documents You May Need

In addition to this guide, you can access the following guides available on the Dell Support website at [dell.com/support/manuals](http://dell.com/support/manuals). On the **Manuals** page, click **Software Systems Management**. Click the appropriate product link on the right-side to access the documents.

- The *Server Administrator Messages Reference Guide* lists the messages that you can receive on your systems management console or on your operating system's event viewer. This guide explains the text, severity, and cause of each message that the server administrator issues.
- The *Server Administrator CIM Reference Guide* documents the Common Information Model (CIM) provider, an extension of the standard management object format (MOF) file. The Server-Administrator CIM provider documents supported classes of management objects.
- The *Glossary* provides information on the terms used in this document.

## Introduction to the Server Administrator SNMP Subagent

This guide provides formatted information drawn primarily from the MIB files written for the Server Administrator services that support the SNMP protocol.

For each of the variables defined in the MIBs, the following fields are specified:

- Variable name
- OID or unique identifying number
- Description
- Data type of the variable (for example: integer, string, octet string)
- Whether the variable is accessible, not accessible, read-only, or read-write
- Index or indexes, if applicable

For each MIB group that has unique variable definitions, tables are included in the last section of the section to explain the meaning of the terms.

Standards for writing MIBs are defined by the Internet Engineering Task Force (IETF). Structure of Management Information (SMI) is a standard that specifies the rules for defining the structure and type of managed objects and events in a MIB. SMIv1 is specified in Request For Comments (RFC) 1155. The Server Administrator MIB conforms to the SMIv1 standard.

SNMP is a systems management standard originally designed for network management. SNMP manages much more than networks. Information Technology (IT) professionals use SNMP for monitoring and managing computer systems and the various components and peripherals supported by their systems.

SNMP standards are defined by the Internet Engineering Task Force (IETF). SNMP version 1 was published in August 1988 and is the most commonly supported version of SNMP. SNMP version 2 was first published in May 1993, but has not gained widespread market acceptance. SNMP version 3 was recently completed and has addressed security issues that exist in version 1.

All SNMP systems consist of one or more managed systems that provide data through an SNMP agent to a management system. The management system provides a user interface to view data from the managed systems. The management system and managed systems communicate over a network (typically through User Datagram Protocol/Internet Protocol [UDP/IP]).

The management system and a managed system communicate by means of a common data schema. SNMP MIB files define the structure, type, and values of the SNMP data. While MIBs can be standardized or enterprise specific, most operating systems supply SNMP agents for the standard MIB-I and MIB-II schemas. MIB-I defines a base set of standard management information for systems implementing the Internet Protocol (IP) suite. MIB-II defines characteristics of the system, characteristics of network interfaces, and characteristics of components of the IP on the system. In addition to the standard MIBs, many hardware vendors have defined MIBs that provide management data specific to their systems and peripheral devices.

Monitored data can be retrieved through SNMP using the Get command. Typically, this command requires the host name or IP address of the target machine as well as the OID of the data to retrieve. Exact details are dependent on the operating system and the development tools being used to create the management application. The Get command has a variant known as GetNext.

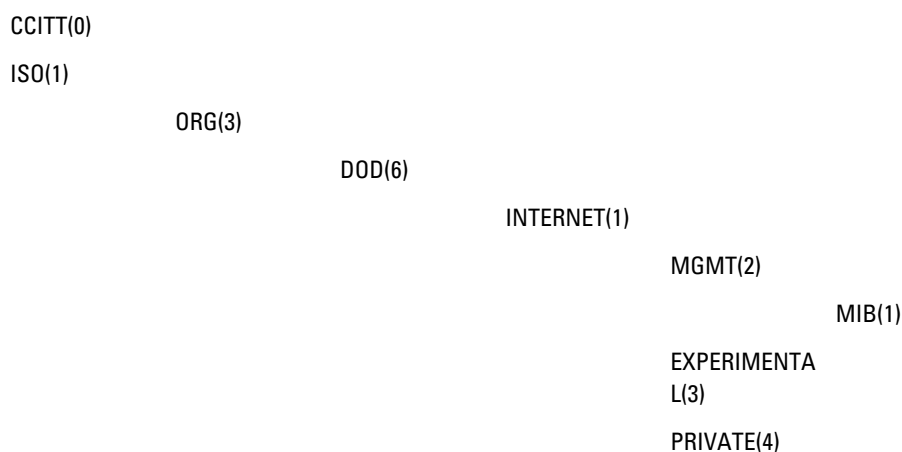
## Management Information Base Object Identifiers

Each data class within a Management Information Base (MIB) is defined by an Object Identifier (OID). OIDs are unique across all MIBs. An OID consists of a series of digits separated by periods. The OID functions in a similar fashion to a phone number. The phone number 011-512-471-0000 uniquely identifies a single phone. The phone number can be broken down into a number of components to uniquely identify a phone. The first component, 011, is the country code for the United States. The second component, 512, identifies the area code for central Texas. The third component, 471, is the phone exchange for a large state university in the city of Austin. The final component, 0000, is the main switchboard.

There are two main differences between the phone number example and an actual OID. The first difference is that there are many more components in an OID, up to 128. The combination of these components is called an OID prefix. The second difference is that OIDs support the concept of indexes or keys. The OID prefix specifies the data class but does not specify an instance of the data within the class. Indexes can be used to identify the instances of a data class. These indexes are referred to as the OID suffix.

The assignment of values for each OID prefix component can be illustrated by using a tree structure. The following is an example of an OID assignment:

**Table 14. ROOT**



ENTERPRISES(  
1)

DELL (674)


SNMPv2(6)


In the preceding example, the OID prefix for the Dell enterprise would be 1.3.6.1.4.1.674.

The numbers in boldface type show the categories and numbers that apply to Server Administrator. All Server Administrator-defined OIDs consist of 1.3.6.1.4.1.674 followed by additional component values.

## SNMP Security

SNMP version 1 has a very limited security mechanism. SNMP agents support the use of a community string, which is configured at each SNMP agent and is passed as a part of all SNMP request messages. There is no verification that the requester is actually a member of the specified community. As most system and network management data is not confidential, this limited security is acceptable for Get types of requests. On the other hand, this security is not acceptable for Set types of operations where an SNMP request could power off a system, reconfigure a redundant array of independent disks (RAID) card, and so on. Some vendors have chosen not to support SNMP Set operations for this reason. Server Administrator is able to support SNMP Set operations because its SNMP agents implement a hash/digest mechanism to prevent unauthorized SNMP Set operations. One limitation of this practice is that only server administrator-developed SNMP management applications have the capability to support the hash/digest mechanism.

 **NOTE:** The default SNMP agent configuration usually includes a SNMP community name such as public. For security reasons, change the SNMP community names from their default values. For information about changing SNMP community names, see the *Dell OpenManage Server Administrator User's Guide* available on the Dell Support website at [dell.com/support/manuals](http://dell.com/support/manuals). For additional guidelines, see the Securing an SNMP Environment article, dated May 2003, in the Dell Power Solutions magazine. This magazine is also available at [dell.com/powersolutions](http://dell.com/powersolutions).

 **NOTE:** Server Administrator provides support to enable or disable SNMP Set operations. For more information on enabling or disabling SNMP Set operations in Server Administrator, see the *Dell OpenManage Server Administrator User's Guide* or the *Dell OpenManage Server Administrator Command Line Interface User's Guide* on the Dell Support web site at [dell.com/support/manuals](http://dell.com/support/manuals).

## Management Actions

Management actions can be performed using the SNMP Set command. These actions can consist of configuring a phone number for the system's owner, rebooting a system, or changing the asset tag of the system. See the previous section, [Security](#), for limitations on Set operations.

## SNMP Traps

SNMP is frequently used to monitor systems for fault conditions such as temperature violations, hard drive failures, and so on. Management applications can monitor for these conditions by polling the appropriate OIDs with the Get command and analyzing the returned data. This method has its drawbacks. If it is done frequently, significant amounts of network bandwidth can be consumed. If it is done infrequently, the response to the fault condition may not occur in a timely fashion. SNMP traps avoid these limitations of the polling method.

An SNMP trap is an asynchronous event indicating that something significant has occurred. This is analogous to a pager receiving an important message, except that the SNMP trap frequently contains all the information needed to diagnose a fault.

Two drawbacks to SNMP traps are that they are sent using UDP, which is not a guaranteed delivery mechanism, and that they are not acknowledged by the receiver.

An SNMP trap message contains the trap's enterprise OID, the agent IP address, a generic trap ID, the specific trap ID, a time stamp, and zero or more variable bindings (varbinds). The combination of an enterprise OID and a specific trap ID uniquely identifies each Server Administrator-defined trap. A varbind consists of an OID and its value and provides additional information about the trap.

In order for a management system to receive SNMP traps from a managed system, the node must be configured to send traps to the management system. Trap destination configuration is dependent on the operating system. When this configuration is done, a management application on the management system can wait for traps and act on them when received.

For a list of traps supported by the Server Administrator Instrumentation Service, see Instrumentation Traps. For information on Server Administrator Storage Management traps, see Storage Management Alert Reference.

For a list of traps supported by the Remote Access Controller, see RAC Traps, BMC Traps and iDRAC7 Traps.

## Instrumentation MIB Version Group

The Instrumentation Management Information Base (MIB) Version Group defines the attributes that identify the version of the Instrumentation MIB supported by the systems management software.

The `mIBMajorVersionNumber`, `mIBMinorVersionNumber`, and `mIBMaintenanceVersionNumber` attributes are scalar objects, meaning that they are not related to other MIB objects and are thus not placed in a table.

### Management Information Base Major Version Number

<b>Name</b>	<code>mIBMajorVersionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1.1.0
<b>Description</b>	<p>Defines the major version number of the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the major version number is 1.</p> <p>A major version number change indicates a major change in object functionality.</p>
<b>Syntax</b>	<code>DellUnsigned8BitRange</code>
<b>Access</b>	Read-only

### Management Information Base Minor Version Number

<b>Name</b>	<code>mIBMinorVersionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1.2.0
<b>Description</b>	<p>Defines the minor version number of the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the minor version number is 2.</p> <p>A minor revision provides additional support for new objects as well as problem fixes.</p>
<b>Syntax</b>	<code>DellUnsigned8BitRange</code>
<b>Access</b>	Read-only

### Management Information Base Maintenance Version Number

<b>Name</b>	<code>mIBMaintenanceVersionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1.3.0
<b>Description</b>	<p>Defines the maintenance version number for the version of this MIB supported by the systems management software. For example, if the MIB version is 1.2.3, the maintenance version number is 3.</p>

**Syntax**

DellUnsigned8BitRange

**Access**


Read-only



## Systems Management Software Group

The Systems Management Software Group allows users to see information about the standards and software that are supported by the agent of a particular managed computer chassis. The Systems Management Software Group classifies each computer chassis according to the systems management standard that the agent supports.

Additional objects define the universal resource locator (URL) of the systems management software and the language in which systems management information displays. Defining these objects enables users to manage a system using an internet browser. You can access Server Administrator using the secure hypertext transfer protocol (https) and a pre-assigned port number of 1311, or you can specify a port number of your own choosing.

 **NOTE:** Using the **Software** → **Server Preferences** menu of Server Administrator, you can bind to either one IP address or to all IP addresses.

To manage a system locally using Server Administrator, type the following in the address field of your browser: **https://localhost:<1311 or user-specified port number>**

To manage a system remotely using Server Administrator, type one of the following in the address field of your browser: **https://<systemname>:<1311 or user specified port number>** or **https://<IP address>:<1311 or user specified port number>**

## Systems Management Software

The following objects describe the fields for server administrator systems management information. The systems management software variables are scalar objects, meaning that they are not related to other management information base (MIB) objects and are thus not placed in a table.

**Table 15. Systems Management Software Name**

<b>Name</b>	systemManagementSoftwareName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.1
<b>Description</b>	Defines the systems management software product name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 16. Systems Management Software Version Number Name**

<b>Name</b>	systemManagementSoftwareVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.2
<b>Description</b>	Defines the version number of the systems management software.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 17. Systems Management Software Build Number**

<b>Name</b>	systemManagementSoftwareBuildNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.3
<b>Description</b>	Defines the build number of the systems management software.
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-only

**Table 18. Systems Management Software Description Name**

<b>Name</b>	systemManagementSoftwareDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.4
<b>Description</b>	Defines the description of the systems management software.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 19. Systems Management Software Supported Protocol**

<b>Name</b>	systemManagementSoftwareSupportedProtocol
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.5
<b>Description</b>	Defines the systems management standards (SNMP or CIM) supported by the systems management software.
<b>Syntax</b>	SMSSupportedTypes ( <a href="#">Systems Management Software Supported Standards</a> )
<b>Access</b>	Read-only

**Table 20. Systems Management Software Preferred Protocol**

<b>Name</b>	systemManagementSoftwarePreferredProtocol
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.6
<b>Description</b>	Defines the preferred systems management standard for the systems management software.
<b>Syntax</b>	SMSSupportedTypes ( <a href="#">Systems Management Software Supported Standards</a> )
<b>Access</b>	Read-only

**Table 21. Systems Management Software Update Level Name**

<b>Name</b>	systemManagementSoftwareUpdateLevelName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.7
<b>Description</b>	Defines the update level of the system management software.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 22. Systems Management Software URL Name**

<b>Name</b>	systemManagementSoftwareURLName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.8
<b>Description</b>	Defines the universal resource locator (URL) of the systems management software.
<b>Syntax</b>	DisplayString (SIZE (0..1024))
<b>Access</b>	Read-only

**Table 23. Systems Management Software Language Name**

<b>Name</b>	systemManagementSoftwareLanguageName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.9
<b>Description</b>	Defines the language of the systems management software.
<b>Syntax</b>	DisplayString (SIZE (0..255))
<b>Access</b>	Read-only

**Table 24. Systems Management Software Global Version Name**

<b>Name</b>	systemManagementSoftwareGlobalVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.10
<b>Description</b>	Defines the global version of the systems management software.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 25. Systems Management Software Feature Flags**

<b>Name</b>	systemManagementSoftwareFeatureFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.11
<b>Description</b>	Defines the features of the systems management software.
<b>Syntax</b>	SMSFeatureFlags ( <a href="#">Systems Management Software Feature Flags</a> )
<b>Access</b>	Read-only

**Table 26. Systems Management Software SNMP Agent Feature Flags**

<b>Name</b>	systemManagementSoftwareSNMPAgentFeatureFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.12
<b>Description</b>	Defines the features of the SNMP agent software provided by the operating system.
<b>Syntax</b>	SMSSNMPAgentFeatureFlags ( <a href="#">Systems Management Software SNMP Agent Feature Flags</a> )
<b>Access</b>	Read-only

**Table 27. Systems Management Software Manufacturer Name**

<b>Name</b>	systemManagementSoftwareManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.100.13
<b>Description</b>	Defines the manufacturer of the systems management software.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Systems Management Software Variable Values

This section includes definitions of server administrator-specific variable values used in this section.

**Table 28. Systems Management Software Supported Standards**

**Variable Name:** SMSSupportedTypes

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
supportsSNMP (1)	This system supports SNMP.
supportsDMI (2)	This system supports DMI.
supportsSNMPandDMI (3)	This system supports SNMP and DMI.
supportsCIMOM (4)	This system supports CIM.
supportsSNMPandCIMOM (5 )	This system supports SNMP and CIM.

**Table 29. Systems Management Software Feature Flags**

**Variable Name:** SMSFeatureFlags .

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
none (0)	The Systems Management Software features are not enabled.
webOneToOneManagementP referred(1)	The web 1:1 management preferred feature is enabled

**Table 30. Systems Management Software SNMP Agent Feature Flags**

**Variable Name:** SMSSNMPAgentFeatureFlags

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
none (0)	The Systems Management Software SNMP agent features are not enabled.
supportsSparseTables (1 )	The SNMP agent supports sparse tables.

# System State Group

The Management Information Base (MIB) variables presented in this section enable you to track various attributes that describe the state of the critical components supported by your system. Components monitored under the System State Group include power supplies, AC power cords, AC power switches, and cooling devices, as well as temperature, fan, amperage, and voltage probes.

## System State Group Table

The System State Group defines objects in the System State MIB table.

### System State Table

The **systemStateGlobalSystemStatus** variable provides overall system health status and includes rolled-up (that is, worst) status for Instrumentation and Storage. This variable monitors the overall system health status. It reflects changes to **systemStateChassisStatus** variable, which represents Instrumentation health status and **agentGlobalSystemStatus (dcstorag.mib)**, which represents Storage health status.

The **systemStateChassisStatus** variable provides the rolled-up health status for the subsystems associated with the chassis that is represented by the row in the **systemStateTable**. Changes to the variables in [List 1](#), each of which indicates the rolled-up health status of all the components of the corresponding subsystem, are reflected in **systemStateChassisStatus** variable.

For example, **systemStatePowerSupplyStatusCombined** provides the rolled up status of all power supplies for the chassis.

The variables in [List 2](#) provide the health status of each component of the corresponding subsystem. Each octet of the value represents a component. If a power supply fails, the corresponding entry in **systemStatePowerSupplyStatusDetails**, **systemStatePowerSupplyStatusCombined**, **systemStateChassisStatus** and **systemStateGlobalSystemStatus** transitions to critical.

### List 1

Variables that provide rolled-up health status for all components in associated subsystem in chassis:

- systemStatePowerSupplyStatusCombined
- systemStateVoltageStatusCombined
- systemStateAmperageStatusCombined
- systemStateCoolingDeviceStatusCombined
- systemStateTemperatureStatusCombined
- systemStateMemoryDeviceStatusCombined
- systemStateChassisIntrusionStatusCombined
- systemStateACPowerCordStatusCombined
- systemStateEventLogStatus

- systemStatePowerUnitStatusCombined
- systemStateCoolingUnitStatusCombined
- systemStateACPowerSwitchStatusCombined
- systemStateRedundantMemoryUnitStatusCombined
- systemStateProcessorDeviceStatusCombined
- systemStateBatteryStatusCombined
- systemStateSDCardUnitStatusCombined
- systemStateSDCardDeviceStatusCombined

## List 2

Variables that provide health status of each component in associated subsystem in chassis:

- systemStatePowerSupplyStatusDetails
- systemStateVoltageStatusDetails
- systemStateAmperageStatusDetails
- systemStateCoolingDeviceStatusDetails
- systemStateTemperatureStatusDetails
- systemStateMemoryDeviceStatusDetails
- systemStateChassisIntrusionStatusDetails
- systemStateACPowerCordStatusDetails
- systemStatePowerUnitStatusList
- systemStateCoolingUnitStatusList
- systemStateACPowerSwitchStatusList
- systemStateRedundantMemoryUnitStatusList
- systemStateProcessorDeviceStatusList
- systemStateBatteryStatusList
- systemStateSDCardUnitStatusList
- systemStateSDCardDeviceStatusList

## System State Table

The following object sets up the System State Table:

**Table 31. System State Table**

<b>Name</b>	systemStateTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10
<b>Description</b>	Defines the System State Table.
<b>Syntax</b>	SEQUENCE OF SystemStateTableEntry
<b>Access</b>	Not accessible

**Table 32. System State Table Entry**

<b>Name</b>	<code>systemStateTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1
<b>Description</b>	Defines the System State Table entry.
<b>Syntax</b>	<code>SystemStateTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemStatechassisIndex</code>

**Table 33. System State Chassis Index**

<b>Name</b>	<code>systemStatechassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 34. System State Global System Status**

<b>Name</b>	<code>systemStateGlobalSystemStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.2
<b>Description</b>	Defines the global system status of all chassis being monitored by this instrumentation instance.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 35. System State Chassis State**

<b>Name</b>	<code>systemStateChassisState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.3
<b>Description</b>	Defines the system state of this chassis.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-only

**Table 36. System State Chassis Status**

<b>Name</b>	<code>systemStateChassisStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.4
<b>Description</b>	Defines the system status of this chassis.
<b>Syntax</b>	<code>DellStatus</code>

**Access** Read-only

**Table 37. System State Power Unit State Details**

<b>Name</b>	systemStatePowerUnitStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.5
<b>Description</b>	Defines the state of all power units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific power unit. The first byte returned represents the state of the first power unit, the second byte returned represents the state of the second power unit, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 38. System State Power Unit Status Redundancy**

<b>Name</b>	systemStatePowerUnitStatusRedundancy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.6
<b>Description</b>	Defines the system status of the power unit(s) in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 39. System State Power Unit Status Details**

<b>Name</b>	systemStatePowerUnitStatusDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.7
<b>Description</b>	Defines the status of all power units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific power unit. The first byte returned represents the status of the first power unit, the second byte returned represents the status of the second power unit, and so on. The bytes have the same definition type as DellStatusRedundancy.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 40. System State Power Supply State Details**

<b>Name</b>	systemStatePowerSupplyStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.8
<b>Description</b>	Defines the state of all power supplies in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific power supply. The first byte returned represents the state of the first power supply, the second byte returned represents the state of the second power supply, and so on. The bytes have the same definition type as DellStateSettings.



<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 41. System State Power Supply Status Combined**

<b>Name</b>	systemStatePowerSupplyStatusCombined
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.9
<b>Description</b>	Defines the status of all power supplies in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 42. System State Power Supply Status Details**

<b>Name</b>	systemStatePowerSupplyStatusDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.10
<b>Description</b>	Defines the status of all power supplies in this chassis. The results are returned as a binary octet string, Each byte of the octet string represents the status of a specific power supply. The first byte returned represents the status of the first power supply, the second byte returned represents the status of the second power supply, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 43. System State Voltage State Details**

<b>Name</b>	systemStateVoltageStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.11
<b>Description</b>	Defines the state of all voltage probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific voltage probe. The first byte returned represents the status of the first voltage probe, the second byte returned represents the status of the second voltage probe, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 44. System State Voltage Status Combined**

<b>Name</b>	systemStateVoltageStatusCombined
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.12
<b>Description</b>	Defines the status of all voltage probes in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 45. System State Voltage Status Details**

<b>Name</b>	<code>systemStateVoltageStatusDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.13
<b>Description</b>	Defines the status of all voltage probes in this chassis.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 46. System State Amperage State Details**

<b>Name</b>	<code>systemStateAmperageStateDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.14
<b>Description</b>	Defines the state of all current probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific current probe. The first byte returned represents the state of the first current probe, the second byte returned represents the state of the second current probe, and so on. The bytes have the same definition type as <code>DellStateSettings</code> .
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 47. System State Amperage Status Combined**

<b>Name</b>	<code>systemStateAmperageStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.15
<b>Description</b>	Defines the status of all amperage probes in this chassis. The result is returned as a combined status value. The value has the same definition type as <code>DellStatus</code> .
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 48. System State Amperage Status Details**

<b>Name</b>	<code>systemStateAmperageStatusDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.16
<b>Description</b>	Defines the status of all amperage probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific amperage probe. The first byte returned represents the status of the first amperage probe, the second byte returned represents the status of the second amperage probe, and so on. The bytes have the same definition type as <code>DellStatus</code> .
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 49. System State Cooling Unit State Details**

<b>Name</b>	statesystemStateCoolingUnitStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.17
<b>Description</b>	Defines the state of all cooling units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling unit. The first byte returned represents the state of the first cooling unit, the second byte returned represents the state of the second cooling unit, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 50. System State Cooling Unit Status Redundancy**

<b>Name</b>	systemStateCoolingUnitStatusRedundancy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.18
<b>Description</b>	Defines the state of all cooling units in this chassis.
<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 51. System State Cooling Unit State Details**

<b>Name</b>	systemStateCoolingUnitstateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.19
<b>Description</b>	Defines the state of all cooling units in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling unit. The first byte returned represents the state of the first cooling unit, the second byte returned represents the state of the second cooling unit, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size (1..128))
<b>Access</b>	Read-only

**Table 52. System State Cooling Device State Details**

<b>Name</b>	systemStateCoolingDeviceStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.20
<b>Description</b>	Defines the state of all cooling devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific cooling device. The first byte returned represents the state of the first cooling device, the second byte returned represents the state of the second cooling device, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size (1..128))

**Access** Read-only

**Table 53. System State Cooling Device Status Combined**

**Name** `systemStateCoolingDeviceStatusCombined`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.21

**Description** This attribute defines the cooling device status of all cooling devices in this chassis. The results is returned as a combined status value. The value has the same definition type as DellStatus.

**Syntax** DellStatus

**Access** Read-only

**Table 54. System State Cooling Device Status Details**

**Name** `systemStateCoolingDeviceStatusDetails`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.22

**Description** Defines the status of all cooling devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific cooling device. The first byte returned represents the status of the first cooling device, the second byte returned represents the status of the second cooling device, and so on. The bytes have the same definition type as DellStatus.

**Syntax** Octet String (Size (1..128))

**Access** Read-only

**Table 55. System State Temperature State Details**

**Name** `systemStateTemperatureStateDetails`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.23

**Description** Defines the state of all temperature probes in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of a specific temperature probe. The first byte returned represents the state of the first temperature probe, the second byte returned represents the status of the second temperature probe, and so on. The bytes have the same definition type as DellStateSettings.

**Syntax** Octet String (Size(1..128))

**Access** Read-only

**Table 56. System State Temperature Status Combined**

**Name** `systemStateTemperatureStatusCombined`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.24

**Description** Defines the status of all temperature probes in this chassis. The result is returned as a combined status value. The value has the same definition type as DellStatus.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 57. System State Temperature Status Details**

<b>Name</b>	systemStateTemperatureStatusDetailsly
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.25
<b>Description</b>	Defines the status of all temperature probes in this chassis. The first byte returned represents the status of the first temperature probe, the second byte returned represents the status of the second temperature probe, and so on.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-on

**Table 58. System State Memory Device State Details**

<b>Name</b>	systemStateMemoryDeviceStateDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.26
<b>Description</b>	Defines the state of all memory devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the state of the specific memory device. The first byte returned represents the state of the first memory device, the second byte returned represents the status of the second memory device, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 59. System State Memory Device Status Combined**

<b>Name</b>	systemStateMemoryDeviceStatusCombined
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.27
<b>Description</b>	Defines the status of all memory devices in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 60. System State Memory Device Status Details**

<b>Name</b>	systemStateMemoryDeviceStatusDetails
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.28
<b>Description</b>	Defines the status of all memory devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific memory device. The first byte returned represents the status of the first memory device, the second byte returned represents the status of the second memory device, and so on. The bytes have the same definition type as DellStatus.

<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 61. System State Chassis Intrusion State Details**

<b>Name</b>	<code>systemStateChassisIntrusionStateDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.29
<b>Description</b>	Defines the intrusion state of all intrusion detection devices in this chassis. The results are returned as a binary octet string. Each byte of the octet string represents the status of a specific intrusion detection device. The first byte returned represents the status of the first intrusion detection device, the second byte returned represents the status of the second intrusion detection device, and so on. The bytes have the same definition type as DellStateSettings.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 62. System State Chassis Intrusion Status Combined**

<b>Name</b>	<code>systemStateChassisIntrusionStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.30
<b>Description</b>	Defines the intrusion status of all intrusion detection devices in this chassis. The result is returned as a combined status value. The value has the same definition type as DellStatus.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 63. System State Chassis Intrusion Status Details**

<b>Name</b>	<code>systemStateChassisIntrusionStatusDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.31
<b>Description</b>	Defines the intrusion status of all intrusion detection devices in this chassis. The first byte returned represents the status of the first intrusion detection device, the second byte returned represents the status of the second intrusion detection device, and so on.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 64. System State AC Power Switch State Details**

<b>Name</b>	<code>systemStateACPowerSwitchStateDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.32

<b>Description</b>	Defines the individual state of all AC power switches in this chassis. The first byte returned represents the state of the first AC power switch, the second byte returned represents the state of the second AC power switch, and so on.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 65. System State AC Power Switch Status Redundancy**

<b>Name</b>	<code>systemStateACPowerSwitchStatusRedundancy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.33
<b>Description</b>	Defines the overall redundancy status of the AC power switches in this chassis.
<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 66. System State AC Power Switch Status Details**

<b>Name</b>	<code>systemStateACPowerSwitchStatusDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.34
<b>Description</b>	Defines the individual status of all AC power switches in this chassis. The first byte returned represents the status of the first AC power switch, the second byte returned represents the status of the second AC power switch, and so on.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 67. System State AC Power Cord State Details**

<b>Name</b>	<code>systemStateACPowerCordStateDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.35
<b>Description</b>	Defines the individual state of all AC power cords for any AC power switches in this chassis. The first byte returned represents the state of the first AC power cord, the second byte returned represents the state of the second AC power cord, and so on.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 68. System State AC Power Cord Status Combined**

<b>Name</b>	<code>systemStateACPowerCordStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.36
<b>Description</b>	Defines the overall status of all AC power cords for any AC power switches in this chassis.
<b>Syntax</b>	DellStatus

**Access** Read-only

**Table 69. System State AC Power Cord Status Details**

**Name** `systemStateACPowerCordStatusDetails`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.37

**Description** Defines the individual status of all AC power cords for any AC power switches in this chassis. The first byte returned represents the status of the first AC power cord, the second byte returned represents the status of the second AC power cord, and so on.

**Syntax** Octet String (SIZE(1..128))

**Access** Read-only

**Table 70. System State Redundant Memory Unit State Details**

**Name** `systemStateRedundantMemoryUnitStateDetails`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.38

**Description** Defines the state of all redundant memory units in this chassis. The results are returned as a binary octet string, each byte of the octet string represents the state of the specific object. The first byte returned represents the state of the first object, and so on. The bytes have the same definition type as DellStateSettings.

**Syntax** Octet String (Size(1..128))

**Access** Read-only

**Table 71. System State Redundant Memory Unit Status Redundancy**

**Name** `systemStateRedundantMemoryUnitStatusRedundancy`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.39

**Description** Defines the overall redundancy status for redundant memory.

**Syntax** DellStatusRedundancy

**Access** Read-only

**Table 72. System State Redundant Memory Unit Status Details**

**Name** `systemStateRedundantMemoryUnitStatusDetails`

**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.40

**Description** Defines the status of all redundant memory units in this chassis. The results are returned as a binary octet string, each byte of the octet string represents the status of the specific object. The first byte returned represents the status of the first object, and so on. The bytes have the same definition type as DellStatusRedundancy.

**Syntax** Octet String (Size(1..128))



**Access** Read-only

**Table 73. System State Event Log Status**

**Name** `systemStateEventLogStatus`  
**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.41  
**Description** Defines the overall status of this chassis (ESM) event log.  
**Syntax** DellStatus  
**Access** Read-only

**Table 74. System State Power Unit Status Combined**

**Name** `systemStatePowerUnitStatusCombined`  
**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.42  
**Description** Defines the combined status of all power units of this chassis.  
**Syntax** DellStatus  
**Access** Read-only

**Table 75. System State Power Unit Status List**

**Name** `systemStatePowerUnitStatusList`  
**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.43  
**Description** Lists the status of each power unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a power unit. The first byte returned represents the status of the first power unit, and so on. The bytes have the same definition type as DellStatus.  
**Syntax** Octet String (Size(1..128))  
**Access** Read-only

**Table 76. System State Cooling Unit Status Combined**

**Name** `systemStateCoolingUnitStatusCombined`  
**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.44  
**Description** Defines the combined status of all cooling units of this chassis.  
**Syntax** DellStatus  
**Access** Read-only

**Table 77. System State Cooling Unit Status List**

**Name** `systemStateCoolingUnitStatusList`  
**Object ID** 1.3.6.1.4.1.674.10892.1.200.10.1.45

<b>Description</b>	Lists the status of each cooling unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a cooling unit. The first byte returned represents the status of the first cooling unit, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 78. System State AC Power Switch Status Combined**

<b>Name</b>	<code>systemStateACPowerSwitchStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.46
<b>Description</b>	Defines the combined status of all AC power switches of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 79. System State AC Power Switch Status List**

<b>Name</b>	<code>systemStateACPowerSwitchStatusList</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.47
<b>Description</b>	Lists the status of each AC power switch of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of an AC power switch. The first byte returned represents the status of the first AC power switch, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 80. System State Redundant Memory Unit Status Combined**

<b>Name</b>	<code>systemStateRedundantMemoryUnitStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.48
<b>Description</b>	Defines the combined status of all redundant memory units of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 81. System State Redundant Memory Unit Status List**

<b>Name</b>	<code>systemStateRedundantMemoryUnitStatusList</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.49
<b>Description</b>	Lists the status of each redundant memory unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a redundant memory unit. The first byte returned represents the status of the first redundant memory unit, and so on. The bytes have the same definition type as DellStatus.

<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 82. System State Processor Device Status Combined**

<b>Name</b>	systemStateProcessorDeviceStatusCombined
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.50
<b>Description</b>	Defines the combined status of all processor devices of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 83. System State Processor Device Status List**

<b>Name</b>	systemStateProcessorDeviceStatusList
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.51
<b>Description</b>	Lists the status of each processor device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a processor device. The first byte returned represents the status of the first processor device, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 84. System State Battery Status Combined**

<b>Name</b>	systemStateBatteryStatusCombined
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.52
<b>Description</b>	Defines the combined status of all batteries of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 85. System State Battery Status List**

<b>Name</b>	systemStateBatteryStatusList
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.53
<b>Description</b>	Lists the status of each battery of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a battery. The first byte returned represents the status of the first battery, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 86. System State SD Card Unit Status Combined**

<b>Name</b>	<code>systemStateSDCardUnitStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.54
<b>Description</b>	Defines the combined status of all SD Card units of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 87. System State SD Card Unit Status List**

<b>Name</b>	<code>systemStateSDCardUnitStatusList</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.55
<b>Description</b>	Lists the status of each SD Card unit of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card unit. The first byte returned represents the status of the first SD Card unit, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

**Table 88. System State SD Card Device Status Combined**


<b>Name</b>	<code>systemStateSDCardDeviceStatusCombined</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.56
<b>Description</b>	Defines the combined status of all SD Card devices of this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 89. System State SD Card Device Status List**

<b>Name</b>	<code>systemStateSDCardDeviceStatusList</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.200.10.1.57
<b>Description</b>	Lists the status of each SD Card device of this chassis. The results are returned as a binary octet string where each byte of the octet string represents the status of a SD Card device. The first byte returned represents the status of the first SD Card device, and so on. The bytes have the same definition type as DellStatus.
<b>Syntax</b>	Octet String (Size(1..128))
<b>Access</b>	Read-only

# Chassis Information Group

The Chassis Information Group objects provide information about the modular chassis in which a blade system resides.

 **NOTE:** This Chassis information is only available for modular/blade systems. For Rack and Tower systems, the information is empty. Currently there is just one object under the Chassis Information Group.

**Table 90. Chassis Service Tag**

<b>Name</b>	<code>chassisServiceTag</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.2.1.0
	This attribute defines the service tag of the enclosing chassis.
	StringType
	Read-only

## Chassis Information Group Tables

The following management information base (MIB) tables define the objects in the Chassis Information Group:

- [Chassis Information Table](#)
- [UUID Table](#)
- [POST Log Table](#)
- [Event Log Table](#)
- [System BIOS Table](#)
- [Firmware Table](#)
- [Intrusion Table](#)
- [Baseboard Table](#)

### Chassis Information Table

The following object sets up the Chassis Information Table.

**Table 91. Chassis Information Table**

<b>Name</b>	<code>chassisInformationTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10
<b>Description</b>	Defines the chassis information table.
<b>Syntax</b>	SEQUENCE OF ChassisInformationTableEntry
<b>Access</b>	Not accessible

### Chassis Information Table Entry

<b>Name</b>	chassisInformationTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1
<b>Description</b>	Defines the chassis information table entry.
<b>Syntax</b>	ChassisInformationTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	chassisIndexChassisInformation

### Chassis Index Chassis Information

<b>Name</b>	chassisIndexChassisInformation
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis. The first chassis is numbered one.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

### Chassis State Capabilities

<b>Name</b>	chassisStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.2
<b>Description</b>	Defines the capabilities of the chassis.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

### Chassis State Settings

<b>Name</b>	chassisStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.3
<b>Description</b>	Defines the state settings for the chassis.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

### Chassis Status

<b>Name</b>	chassisStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.4
<b>Description</b>	Defines the status of the chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

### Chassis Parent Index Reference

<b>Name</b>	chassisparentIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.4
<b>Description</b>	Defines the index (one-based) of the parent chassis of this chassis, if any. A zero (0) means that this chassis is the parent of all other chassis managed by the Server Administrator.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

### Chassis Type

<b>Name</b>	chassisType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.6
<b>Description</b>	Defines the chassis type.
<b>Syntax</b>	DellChassisType (See )
<b>Access</b>	Read-only

### Chassis Name

<b>Name</b>	chassisName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.7
<b>Description</b>	Defines the user-assigned chassis name of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

### Chassis Manufacturer Name

<b>Name</b>	chassisManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.8
<b>Description</b>	Defines the manufacturer's name for this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

### Chassis Model Name

<b>Name</b>	chassisModelName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.9
<b>Description</b>	Defines the system model type for this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

### Chassis Asset Tag Name

<b>Name</b>	chassisAssetTagName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.10
<b>Description</b>	Defines the user-assigned asset tag name for this chassis.
<b>Syntax</b>	DisplayString (SIZE (0..10))
<b>Access</b>	Read-write

### Chassis Service Tag Name

<b>Name</b>	chassisServiceTagName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.11
<b>Description</b>	Defines the service tag name for this chassis.
<b>Syntax</b>	DisplayString (SIZE (0..7))
<b>Access</b>	Read-only

### Chassis ID

<b>Name</b>	chassisID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.12
<b>Description</b>	Defines the asset tag name for this chassis.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

### Chassis ID Extension

<b>Name</b>	chassisIDExtension
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.13
<b>Description</b>	Defines the SMBIOS machine ID of this chassis.
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-only

### Chassis System Class

<b>Name</b>	chassisSystemClass
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.14
<b>Description</b>	Defines the chassis class of this chassis.
<b>Syntax</b>	DellChassisSystemClass (See <a href="#">Chassis Type</a> )
<b>Access</b>	Read-only



### Chassis System Name

<b>Name</b>	chassisSystemName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.15
<b>Description</b>	Defines the system name of this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

### Chassis System Boot Date Name

<b>Name</b>	chassisSystemBootDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.16
<b>Description</b>	Defines the boot time of this system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only

### Chassis System Date Name

<b>Name</b>	chassisSystemDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.17
<b>Description</b>	Defines the current time on this system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only

### Chassis System Location Name

<b>Name</b>	chassisSystemLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.18
<b>Description</b>	Defines the user-assigned location for this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

### Chassis System Primary User Name

<b>Name</b>	chassisSystemPrimaryUserName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.19
<b>Description</b>	Defines the user-assigned primary user name for this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

### Chassis System User Phone Number Name

<b>Name</b>	chassisSystemUserPhoneNumberName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.20
<b>Description</b>	Defines the user-assigned phone number of the primary user of the system.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

### Chassis Connection Status Unique

<b>Name</b>	chassisConnectionStatusUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.21
<b>Description</b>	Defines the status of the connection from the system chassis to an expansion chassis.
<b>Syntax</b>	DellConnectionStatus (See <a href="#">Connection Status</a> )
<b>Access</b>	Read-only

### Chassis Fan Control Capabilities Unique

<b>Name</b>	chassisFanControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.22
<b>Description</b>	Defines the capabilities of the fan control function in this chassis.
<b>Syntax</b>	DellFanControlCapabilities (See <a href="#">Fan Control Capabilities</a> )
<b>Access</b>	Read-only

### Chassis Fan Control Settings Unique

<b>Name</b>	chassisFanControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.23
<b>Description</b>	Defines the readings and settings of the fan control hardware in the chassis.
<b>Syntax</b>	DellFanControlSettings
<b>Access</b>	Read-write

### Chassis LED Control Capabilities Unique

<b>Name</b>	chassisLEDControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.24
<b>Description</b>	Defines the capabilities of the LED control function in the chassis.
<b>Syntax</b>	DellLEDControlCapabilities (See <a href="#">Front-Panel LED Control CapabilitiesVariable</a> )
<b>Access</b>	Read-only

### Chassis LED Control Settings Unique

<b>Name</b>	chassisLEDControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.25
<b>Description</b>	Defines the readings and settings of the LED control hardware in the chassis.
<b>Syntax</b>	DellLEDControlSettings (See <a href="#">Front-Panel LED Control Settings</a> )
<b>Access</b>	Read-write

### Chassis Hard-Drive (HD) Fault Clear Control Capabilities

<b>Name</b>	chassisHDFaultClearControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.26
<b>Description</b>	Specifies whether the chassis allows reset of the chassis hard-drive fault LED.
<b>Syntax</b>	DellHDFaultLEDControlCapabilities (See <a href="#">Hard-Drive Fault LED Control Capabilities</a> )
<b>Access</b>	Read-only

### Chassis HD Fault Clear Control Settings

<b>Name</b>	chassisHDFaultClearControlSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.27
<b>Description</b>	Allows reset of the chassis hard-drive fault LED.
<b>Syntax</b>	DellHDFaultLEDControlSettings (See <a href="#">Hard-Drive Fault LED Control Settings</a> )
<b>Access</b>	Read-write

### Chassis Identify Flash Control Capabilities

<b>Name</b>	chassisIdentifyFlashControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.28
<b>Description</b>	Specifies whether the chassis front-panel LED can be set to flash.
<b>Syntax</b>	DellChassisIdentifyControlCapabilities (See <a href="#">Chassis Identification Control Capabilities</a> )
<b>Access</b>	Read-only

### Chassis Identify Flash Control Settings

<b>Name</b>	chassisIdentifyFlashControlSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.29
<b>Description</b>	Causes the chassis front-panel LED to flash.
<b>Syntax</b>	DellChassisIdentifyControlSettings (See <a href="#">Chassis Identification Control Capabilities</a> )
<b>Access</b>	Read-write

## Chassis Lock Present

<b>Name</b>	chassisLockPresent
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.30
<b>Description</b>	Specifies whether a chassis lock is present on the chassis.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

## Chassis Host Control Capabilities Unique

<b>Name</b>	chassishostControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.31
<b>Description</b>	Defines the capabilities of the host control object.
<b>Syntax</b>	DellHostControlCapabilities (See <a href="#">Host Control Capabilities</a> )
<b>Access</b>	Read-only

## Chassis Host Control Settings Unique

<b>Name</b>	chassishostControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.32
<b>Description</b>	Defines the current settings of the host control object.
<b>Syntax</b>	DellHostControlSettings (See <a href="#">Host Control Settings</a> )
<b>Access</b>	Read-write

## Chassis Watchdog Control Capabilities Unique

<b>Name</b>	chassiswatchDogControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.33
<b>Description</b>	Defines the capabilities of the watchdog timer object.
<b>Syntax</b>	DellWatchDogControlCapabilities (See <a href="#">Watchdog Control Capabilities</a> )
<b>Access</b>	Read-only

## Chassis Watchdog Control Settings Unique

<b>Name</b>	chassiswatchDogControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.34
<b>Description</b>	Defines the current settings and the values allowed to be set for the watchdog timer object.
<b>Syntax</b>	DellWatchDogControlCapabilities (See <a href="#">Watchdog Control Capabilities</a> )
<b>Access</b>	Read-write

### Chassis Watchdog Control Expiry Time Capabilities Unique

<b>Name</b>	chassiswatchDogControlExpiryTimeCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.35
<b>Description</b>	Defines the capabilities of the watchdog expiry timer object.
<b>Syntax</b>	DellWatchDogTimerCapabilities (See <a href="#">Watchdog Timer Capabilities</a> )
<b>Access</b>	Read-only

### Chassis Watchdog Control Expiry Time

<b>Name</b>	chassiswatchDogControlExpiryTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.36
<b>Description</b>	Defines the current reading and allows setting of the nonrecoverable watchdog expiry timer object.
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-write

### Chassis Allow Set Commands From SNMP

<b>Name</b>	chassisallowSETCommandsfromSNMP
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.37
<b>Description</b>	Specifies whether Simple Network Management Protocol (SNMP) Set type commands are allowed by Server Administrator. This attribute does not reflect whether SNMP Set type commands are allowed by the SNMP master agent.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

### Chassis Power Button Control Capabilities Unique

<b>Name</b>	chassisPowerButtonControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.38
<b>Description</b>	Defines the capabilities of the power button control function.
<b>Syntax</b>	DellPowerButtonControlCapabilities (See <a href="#">Power Button Control Capabilities</a> )
<b>Access</b>	Read-only

### Chassis Power Button Control Settings Unique

<b>Name</b>	chassisPowerButtonControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.10.1.39
<b>Description</b>	Defines the current reading and allows setting of the power button control hardware

**Syntax** DellPowerButtonControlSettings (See [Power Button Control Settings](#))  
**Access** Read-write

### Chassis Reseller Name

**Name** chassisResellerName  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.40  
**Description** Defines the name of the chassis reseller.  
**Syntax** DisplayString (SIZE (0..128))  
**Access** Read-only

### Chassis Reseller Contact Information Name

**Name** chassisResellerContactInformationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.41  
**Description** Defines the chassis reseller contact information name.  
**Syntax** DisplayString (SIZE (0..128))  
**Access** Read-only

### Chassis Reseller Product Name

**Name** chassisResellerProductName  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.42  
**Description** Defines the chassis reseller product name.  
**Syntax** DisplayString (SIZE (0..128))  
**Access** Read-only

### Chassis Reseller System ID

**Name** chassisResellerSystemID  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.43  
**Description** Defines the chassis reseller system ID.  
**Syntax** DellUnsigned16BitRange  
**Access** Read-only

### Chassis NMI Button Control Capabilities Unique

**Name** chassisNMIButtonControlCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.44  
**Description** Defines the capabilities of the NMI button control function.  
**Syntax** DellNMIButtonControlCapabilities (See [NMI Button Control Capabilities](#))

**Access** Read-only

### Chassis NMI Button Control Settings Unique

**Name** chassisNMIButtonControlSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.45  
**Description** Defines the current reading and allows setting of the NMI button control hardware.  
**Syntax** DellNMIButtonControlSettings (See [NMI Button Control Settings](#))  
**Access** Read-write

### Chassis System Properties

**Name** chassisSystemProperties  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.46  
**Description** Defines the properties of the system.  
**Syntax** DellSystemProperties (See [System Properties](#))  
**Access** Read-only

### Chassis System Revision Number

**Name** chassisSystemRevisionNumber  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.47  
**Description** Defines the revision number of the system where zero indicates the original version of the system. The revision number is not available on all systems.  
**Syntax** DellUnsigned8BitRange  
**Access** Read-only

### Chassis System Revision Name

**Name** chassisSystemRevisionName  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.48  
**Description** Defines the revision name of the system, if applicable.  
**Syntax** DellString  
**Access** Read-only

### Chassis Express Service Code Name

**Name** chassisExpressServiceCodeName  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.10.1.49  
**Description** Defines the express service code of the chassis.  
**Syntax** DellString

**Access** Read-only

## UUID Table

These objects comprise the server administrator definitions for the Universal Unique Identifier (UUID).

**Table 92. UUID Table**

<b>Name</b>	uUIDTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20
<b>Description</b>	Defines the UUID table.
<b>Syntax</b>	SEQUENCE OF UUIDTableEntry
<b>Access</b>	Not accessible

**Table 93. UUID Table Entry**

<b>Name</b>	uUIDTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1
<b>Description</b>	Defines the UUID table entry.
<b>Syntax</b>	UUIDTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	uUIDIndex , uUIDchassisIndex

**Table 94. UUID Chassis Index**

<b>Name</b>	uUIDchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 95. UUID Index**

<b>Name</b>	uUIDIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.2
<b>Description</b>	Defines the index of the UUID in a specified chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only



**Table 96. UUID Type**

<b>Name</b>	uUUIDType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.3
<b>Description</b>	Defines the type of the UUID for this chassis.
<b>Syntax</b>	DellUUIDType
<b>Access</b>	Read-only

**Table 97. UUID Value**

<b>Name</b>	uUUIDValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.20.1.4
<b>Description</b>	Defines the value of the UUID for this chassis.
<b>Syntax</b>	Octet String (SIZE(16))
<b>Access</b>	Read-only

## POST Log Table

This section defines attributes for the power-on self-test (POST) log. When you turn on your computer, the POST checks various system components before the operating system loads. The POST tests the random-access memory (RAM), the hard drives, and the keyboard, for example. While the POST is running, it makes a log file that system administrators can view. The variables in this section also contribute to managing the POST log.

**Table 98. POST Log Table**

<b>Name</b>	postLogTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30
<b>Description</b>	Defines the POST Log Table.
<b>Syntax</b>	SEQUENCE OF PostLogTableEntry
<b>Access</b>	Not accessible

**Table 99. POST Log Table Entry**

<b>Name</b>	postLogTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1
<b>Description</b>	Defines the POST Log Table entry.
<b>Syntax</b>	PostLogTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	postLogchassisIndex , postLogRecordIndex

**Table 100. POST Log Chassis Index**

<b>Name</b>	<code>postLogchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 101. POST Log Record Index**

<b>Name</b>	<code>postLogRecordIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.2
<b>Description</b>	Defines the record number (one-based) of the POST log.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 102. POST Log State Capabilities Unique**

<b>Name</b>	<code>postLogStateCapabilitiesUnique</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.3
<b>Description</b>	Defines the capabilities of the object that is writing the POST log.
<b>Syntax</b>	DellStateCapabilitiesLogUnique
<b>Access</b>	Read-only

**Table 103. POST Log State Settings Unique**

<b>Name</b>	<code>postLogStateSettingsUnique</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.4
<b>Description</b>	Defines the state of the object that is writing the POST log.
<b>Syntax</b>	DellStateSettingsLogUnique
<b>Access</b>	Read-write

**Table 104. POST Log Record**

<b>Name</b>	<code>postLogRecord</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.5
<b>Description</b>	Defines the data for the specified chassis and record index in the POST log being returned.
<b>Syntax</b>	DisplayString (SIZE (0..1024))
<b>Access</b>	Read-only

**Table 105. POST Log Format**

<b>Name</b>	postLogFormat
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.30.1.5
<b>Description</b>	Defines format of the POST log.
<b>Syntax</b>	DellLogFormat (See <a href="#">Log Format</a> )
<b>Access</b>	Read-only

## Event Log Table

**Table 106. Event Log Table**

<b>Name</b>	eventLogTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40
<b>Description</b>	Defines the Event Log Table.
<b>Syntax</b>	SEQUENCE OF EventLogTableEntry
<b>Access</b>	Not accessible

**Table 107. Event Log Table Entry**

<b>Name</b>	eventLogTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1
<b>Description</b>	Defines the event Log Table Entry.
<b>Syntax</b>	EventLogTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	eventLogchassisIndex , eventLogRecordIndex

**Table 108. Event Log Chassis Index**

<b>Name</b>	eventLogchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 109. Event Log Record Index**

<b>Name</b>	eventLogRecordIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.2

<b>Description</b>	Defines the record index of the event log.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 110. Event Log State Capabilities Unique**

<b>Name</b>	eventLogStateCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.3
<b>Description</b>	Defines the capabilities of the object that is writing the event log.
<b>Syntax</b>	DellStateCapabilitiesLogUnique
<b>Access</b>	Read-only

**Table 111. Event Log State Settings Unique**

<b>Name</b>	eventLogStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.4
<b>Description</b>	Defines the state settings for the object that is writing the event log.
<b>Syntax</b>	DellStateSettingsLogUnique
<b>Access</b>	Read-write

**Table 112. Event Log Record**

<b>Name</b>	eventLogRecord
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.5
<b>Description</b>	Defines the data for the specified chassis and log record index in the event log being returned.
<b>Syntax</b>	DisplayString (SIZE (0..1024))
<b>Access</b>	Read-only

**Table 113. Event Log Format**

<b>Name</b>	eventLogFormat
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.6
<b>Description</b>	Defines the format of the event log.
<b>Syntax</b>	DellLogFormat (See <a href="#">Log Format</a> )
<b>Access</b>	Read-only

**Table 114. Event Log Severity Status**

<b>Name</b>	eventLogSeverityStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.7

<b>Description</b>	Defines the severity of the event log record.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only
<b>Status</b>	Mandatory

**Table 115. Event Log Date Name**

<b>Name</b>	eventLogDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.40.1.8
<b>Description</b>	Defines the date and time of the event log record.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only
<b>Status</b>	Mandatory

## System BIOS Table

This table lists objects that define the system's basic input/output system (BIOS).

**Table 116. System BIOS Table**

<b>Name</b>	systemBIOSTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50
<b>Description</b>	Defines the System BIOS Table.
<b>Syntax</b>	SEQUENCE OF SystemBIOSTableEntry
<b>Access</b>	Not accessible

**Table 117. System BIOS Table Entry**

<b>Name</b>	systemBIOSTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1
<b>Description</b>	Defines the System BIOS Table entry.
<b>Syntax</b>	SystemBIOSTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	systemBIOSchassisIndex , systemBIOSIndex

**Table 118. System BIOS Chassis Index**

<b>Name</b>	systemBIOSchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.1

<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 119. System BIOS Index**

<b>Name</b>	systemBIOSIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.2
<b>Description</b>	Defines the index (one-based) of the system BIOS of this object.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 120. System BIOS State Capabilities**

<b>Name</b>	systemBIOSStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.3
<b>Description</b>	Defines the capabilities of the system BIOS of this object.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 121. System BIOS State Settings**

<b>Name</b>	systemBIOSStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.4
<b>Description</b>	Defines the state of the system BIOS of this object.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 122. System BIOS Status**

<b>Name</b>	systemBIOSStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.5
<b>Description</b>	Defines the status of the system BIOS of this object.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 123. System BIOS Size**

<b>Name</b>	systemBIOSSize
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.6

<b>Description</b>	Defines the image size of the system BIOS in kilobytes (KB). A zero (0) indicates that the image size of the BIOS is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 124. System BIOS Release Date Name**

<b>Name</b>	systemBIOSReleaseDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.7
<b>Description</b>	Defines the release date of the system BIOS.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only

**Table 125. System BIOS Version Name**

<b>Name</b>	systemBIOSVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.8
<b>Description</b>	Defines the version name of the system BIOS.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 126. System BIOS Starting Address**

<b>Name</b>	systemBIOSStartingAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.9
<b>Description</b>	Defines the starting address of the system BIOS. A zero (0) indicates that the address is unknown.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 127. System BIOS Ending Address**

<b>Name</b>	systemBIOSEndingAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.10
<b>Description</b>	Defines the ending address of the system BIOS. A zero (0) indicates that the address is unknown.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 128. System BIOS Manufacturer Name**

<b>Name</b>	systemBIOSManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.11
<b>Description</b>	Defines the system BIOS manufacturer's name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 129. System BIOS Characteristics**

<b>Name</b>	systemBIOSCharacteristics
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.12
<b>Description</b>	<p>Defines characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one). Bit 63 is the first bit in the value, and bit 0 is the last bit in the value. See the description of DellUnsigned64BitRange at the beginning of this file for more information on the format of the value.</p> <p>Bits 48-63 need to be examined in the context of the system ID. The system ID is available in the attribute chassisID. If the value for chassisID is non-zero, bits 48-63 have the meaning defined below</p>

<b>Bit Position</b>	<b>Meaning if Set</b>
Bit 0	Reserved
Bit 1	Reserved
Bit 2	Unknown
Bit 3	BIOS Characteristics Not Supported
Bit 4	ISA is supported
Bit 5	MCA is supported
Bit 6	EISA is supported
Bit 7	PCI is supported
Bit 8	PC Card (PCMCIA) is supported
Bit 9	Plug and Play is supported
Bit 10	APM is supported
Bit 11	BIOS is Upgradeable (Flash)
Bit 12	BIOS shadowing is allowed
Bit 13	VL-VESA is supported
Bit 14	ESCD support is available
Bit 15	Boot from CD is supported
Bit 16	Selectable Boot is supported
Bit 17	BIOS ROM is socketed
Bit 18	Boot From PC Card (PCMCIA) is supported



Bit 19	EDD (Enhanced Disk Drive) Specification is supported
Bit 20	Int 13h - Japanese Floppy for NEC 9800 1.2mb (3.5 in, 1k Bytes/Sector, 360 RPM) is supported
Bit 21	Int 13h - Japanese Floppy for Toshiba 1.2mb (3.5 in, 360 RPM) is supported
Bit 22	Int 13h - 5.25 in / 360 KB Floppy Services are supported
Bit 23	Int 13h - 5.25 in / 1.2MB Floppy Services are supported
Bit 24	Int 13h - 3.5 in / 720 KB Floppy Services are supported
Bit 25	Int 13h - 3.5 in / 2.88 MB Floppy Services are supported
Bit 26	Int 5h, Print Screen Service is supported
Bit 27	Int 9h, 8042 Keyboard services are supported
Bit 28	Int 14h, Serial Services are supported
Bit 29	Int 17h, Printer Services are supported
Bit 30	Int 10h, CGA/Mono Video Services are supported
Bit 31	NEC PC-98
Bit 32	-47Reserved
Bit 48	Built-in NIC supports Magic Packet
Bit 49	System supports Wake-on-LAN
Bit 50	System supports chassis intrusion
Bit 51	Built-in NIC supports pattern-matching
Bit 52	System BIOS supports a 7-character service tag
Bit 53	-63 Reserved

**Syntax** DellUnsigned64BitRange

**Table 130. System BIOS Characteristics Ext 1**

<b>Name</b>	systemBIOSCharacteristicsExt1	
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.50.1.13	
<b>Description</b>	Defines additional characteristics of the system basic input/output system (BIOS). This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).	
	<b>Bit Position</b>	<b>Meaning if Set</b>
	Bit 0	ACPI supported

Bit 1	USB Legacy is supported
Bit 2	AGP is supported
Bit 3	I2O boot is supported
Bit 4	LS-120 boot is supported
Bit 5	ATAPI ZIP Drive boot is supported
Bit 6	1394 boot is supported
Bit 7	Smart Battery supported

**Syntax** DellUnsigned8BitRange  
**Access** Read-only

**Table 131. System BIOS Characteristics Ext 2**

**Name** systemBIOSCharacteristicsExt2  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.50.1.14  
**Description** Defines additional characteristics of the system BIOS. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).

Bit Position	Meaning if Set
Bit 0	BIOS Boot Specification supported
Bit 1	Function key-initiated Network Service boot supported
Bit 2	Targeted Content Distribution supported
Bit 3	7Reserved

**Syntax** DellUnsigned8BitRange  
**Access** Read-only

## Firmware Table

**Table 132. Firmware Table**

**Name** firmwareTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.60  
**Description** Defines the Firmware Table.  
**Syntax** SEQUENCE OF FirmwareTableEntry  
**Access** Not accessible

**Table 133. Firmware Table Entry**

**Name** firmwareTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.60.1

<b>Description</b>	Defines the Firmware Table entry
<b>Syntax</b>	FirmwareTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	firmwarechassisIndex , firmwareIndex

**Table 134. Firmware Chassis Index**

<b>Name</b>	firmwarechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 135. Firmware Index**

<b>Name</b>	firmwareIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.2
<b>Description</b>	Defines the index (one-based) of the firmware in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 136. Firmware State Capabilities**

<b>Name</b>	firmwareStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.3
<b>Description</b>	Defines the capabilities of the firmware states.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 137. Firmware State Capabilities**

<b>Name</b>	firmwareStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.4
<b>Description</b>	Defines the state of the firmware and allows for the setting of the firmware.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-write

**Table 138. Firmware Status**

<b>Name</b>	firmwareStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.5

<b>Description</b>	Defines the status of the firmware.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 139. Firmware Size**

<b>Name</b>	<code>firmwareSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.6
<b>Description</b>	Defines the image size of the firmware in KB. A zero (0) indicates that the size is unknown.
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-only

**Table 140. Firmware Type**

<b>Name</b>	<code>firmwareType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.7
<b>Description</b>	Defines the type of the firmware.
<b>Syntax</b>	DellFirmwareType
<b>Access</b>	Read-only

**Table 141. Firmware Type Name**

<b>Name</b>	<code>firmwareTypeName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.8
<b>Description</b>	Defines the name of firmware type.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 142. Firmware Update Capabilities**

<b>Name</b>	<code>firmwareUpdateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.9
<b>Description</b>	Defines the bitmap of supported methods for firmware update.
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-only

**Table 143. Firmware Date Name**

<b>Name</b>	<code>firmwareDateName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.60.1.10
<b>Description</b>	Defines the date of the firmware.
<b>Syntax</b>	DellDateName

**Access** Read-only

**Table 144. Firmware Version Name**

**Name** `firmwareVersionName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.60.1.11  
**Description** Defines the version name of the firmware.  
**Syntax** `DellString`  
**Access** Read-only

## Intrusion Table

The following objects and attributes describe the different forms of chassis intrusion, a situation that occurs when the cover of a computer is removed.

**Table 145. Intrusion Table**

**Name** `intrusionTable`  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.70  
**Description** Defines the Intrusion Table.  
**Syntax** SEQUENCE OF `IntrusionTableEntry`  
**Access** Not accessible

**Table 146. Intrusion Table Entry**

**Name** `intrusionTableEntry`  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.70.1  
**Description** Defines the Intrusion Table entry.  
**Syntax** `IntrusionTableEntry`  
**Access** Not accessible  
**Index** `intrusionchassisIndex`  
,  
`intrusionIndex`

**Table 147. Intrusion Chassis Index**

**Name** `intrusionchassisIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.300.70.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 148. Intrusion Index**

<b>Name</b>	<code>intrusionIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.2
<b>Description</b>	Defines the index of the intrusion objects in this subgroup.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 149. Intrusion State Capabilities**

<b>Name</b>	<code>intrusionStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.3
<b>Description</b>	Defines the capabilities of the intrusion object.
<b>Syntax</b>	<code>DellStateCapabilities</code>
<b>Access</b>	Read-only

**Table 150. Intrusion State Settings**

<b>Name</b>	<code>intrusionStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.4
<b>Description</b>	Defines the settings of the intrusion object.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-write

**Table 151. Intrusion Status**

<b>Name</b>	<code>intrusionStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.5
<b>Description</b>	Defines the status of the intrusion object.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 152. Intrusion Reading**

<b>Name</b>	<code>intrusionReading</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.6
<b>Description</b>	Defines the reading of the intrusion object.
<b>Syntax</b>	<code>DellIntrusionReading</code>
<b>Access</b>	Read-only

**Table 153. Intrusion Type**

<b>Name</b>	<code>intrusionType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.7

<b>Description</b>	Defines the type of the intrusion object.
<b>Syntax</b>	DellIntrusionType
<b>Access</b>	Read-only

**Table 154. Intrusion Location Name**

<b>Name</b>	intrusionLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.70.1.8
<b>Description</b>	Defines the location name of the intrusion object in this subgroup.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Baseboard Table

This table lists objects that define the baseboard of a system.

**Table 155. Baseboard Table**

<b>Name</b>	baseBoardTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80
<b>Description</b>	Defines the Baseboard Table.
<b>Syntax</b>	SEQUENCE OF BaseBoardTableEntry
<b>Access</b>	Not accessible

**Table 156. Baseboard Table Entry**

<b>Name</b>	baseBoardTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1
<b>Description</b>	Defines the Baseboard Table entry.
<b>Syntax</b>	BaseBoardTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	baseBoardChassisIndex , baseBoardIndex

**Table 157. Baseboard Chassis Index**

<b>Name</b>	baseBoardchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 158. Baseboard Index**

<b>Name</b>	baseBoardIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.2
<b>Description</b>	Defines the index (one-based) of the base board.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 159. Baseboard State Capabilities**

<b>Name</b>	baseBoardStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.3
<b>Description</b>	Defines the state capabilities of the baseboard.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 160. Baseboard State Settings**

<b>Name</b>	baseBoardStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.4
<b>Description</b>	Defines the state settings of the baseboard.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 161. Baseboard Status**

<b>Name</b>	baseBoardStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.5
<b>Description</b>	Defines the status of the baseboard.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 162. Baseboard Feature Flags**

<b>Name</b>	baseBoardFeatureFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.6
<b>Description</b>	Defines the features of the baseboard..
<b>Syntax</b>	DellBaseBoardFeatureFlags
<b>Access</b>	Read-only

**Table 163. Baseboard Type**

<b>Name</b>	baseBoardType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.7



<b>Description</b>	Defines the type of the baseboard.
<b>Syntax</b>	DellBaseBoardType
<b>Access</b>	Read-only

**Table 164. Baseboard Type Name**

<b>Name</b>	baseBoardTypeName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.8
<b>Description</b>	Defines the name of the type of baseboard.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 165. Baseboard Location Name**

<b>Name</b>	baseBoardLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.9
<b>Description</b>	Defines the location name of the baseboard.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 166. Baseboard Manufacturer Name**

<b>Name</b>	baseBoardManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.10
<b>Description</b>	Defines the baseboard manufacturer's name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 167. Baseboard Product Name**

<b>Name</b>	baseBoardProductName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.11
<b>Description</b>	Defines the baseboard product's name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 168. Baseboard Version Name**

<b>Name</b>	baseBoardVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.12
<b>Description</b>	Defines the baseboard version name..
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 169. Baseboard Service Tag Name**

<b>Name</b>	baseBoardServiceTagName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.13
<b>Description</b>	Defines the baseboard service tag name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 170. Baseboard Piece Part ID (PPID) Name**

<b>Name</b>	baseBoardPiecePartIDName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.14
<b>Description</b>	Defines the baseboard PPID.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 171. Baseboard Asset Tag Name**

<b>Name</b>	baseBoardAssetTagName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.15
<b>Description</b>	Defines the baseboard asset tag name.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 172. Baseboard Express Service Code Name**

<b>Name</b>	baseBoardExpressServiceCodeName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.300.80.1.16
<b>Description</b>	Defines the express service code of the baseboard.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Chassis Information Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 173. Log Format**

**Variable Name:** DellLogFormat

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
raw (1)	The log is in the format received from the firmware.
ascii (2)	The log is in ASCII format.
uniCode (3)	The log is in Unicode format.

**Table 174. Chassis Type****Variable Name :** DellChassisType**Data Type:** Integer

Possible Data Values	Meaning of Data Value
other (1)	The chassis type is not one of the following:
unknown (2)	The chassis type is unknown.
desktop (3)	The chassis type is a desktop.
lowProfileDesktop (4)	The chassis type is a low-profile desktop.
pizzaBox (5)	The chassis type is a pizza box.
miniTower (6)	The chassis type is a minitower.
tower (7)	The chassis type is a tower.
portable (8)	The chassis type is a portable.
lapTop (9)	The chassis type is a laptop.
noteBook (10)	The chassis type is a notebook.
handHeld (11)	The chassis type is a handheld.
dockingStation (12)	The chassis type is a docking station.
allInOne (13)	The chassis type is an all-in-one.
subNoteBook (14)	The chassis type is a subnotebook.
spaceSaving (15)	The chassis type is a spacesaver.
lunchBox (16)	The chassis type is a lunch box.
mainSystemChassis (17)	The chassis type is the main system chassis.
expansionChassis (18)	The chassis type is an expansion chassis.
subChassis (19)	The chassis type is a subchassis.
busExpansionChassis (20)	The chassis type is a bus-expansion chassis.
peripheralChassis (21)	The chassis type is a peripheral chassis.
raidChassis (22)	The chassis type is a disk RAID chassis.
rackMountChassis (23)	The chassis type is a rack-mounted chassis.
sealedCasePC (24)	The chassis type is a sealed-case chassis.
multiSystemChassis (25)	The chassis type is a multisystem chassis.

**Table 175. Connection Status****Variable Name :** DellConnectionStatus**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (2)	The status of the chassis connection is unknown.
ok (3)	The status of the chassis connection is OK.
failure (4)	The status of the chassis connection is failure.

**Table 176. Fan Control Capabilities**

**Variable Name:** DellFanControlCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The fan's capabilities are unknown.
lowSpeedCapable (2)	The fan can be set to low speed.
highSpeedCapable (4)	The fan can be set to high speed.
lowOrhighSpeedCapable (6)	The fan can be set to low or high speed.

**Table 177. Front-Panel LED Control Capabilities**

**Variable Name:** DellLEDControlCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The LED control capabilities are unknown.
alertOnErrorCapable (2)	The LED control can be set to alert on an error condition.
alertOnWarningAndErrorCapable (4)	The LED control can be set to alert on an error and a warning condition.
alertOnWarningOrErrorCapable (6)	The LED control can be set to alert on an error or a warning condition.

**Table 178. Front-Panel LED Control Settings**

**Variable Name:** DellLEDControlSettings

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The LED control setting is unknown.
alertOnError (2)	The LED control is set to alert on an error condition.
alertOnWarningAndError (4)	The LED control is set to alert on an error or a warning condition.

**Table 179. Hard-Drive Fault LED Control Capabilities**

**Variable Name:** DellHDFaultLEDControlCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The hard drive has no fault LED capabilities.
unknownCapabilities (1)	The hard-drive fault LED capabilities are unknown.
enableCapable (2)	The hard-drive fault LED can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The hard-drive fault LED can indicate not ready.
resetCapable (8)	The hard-drive fault LED can be reset.

**Table 180. Hard-Drive Fault LED Control Settings**

**Variable Name:** DellHDFaultLEDControlSettings

**Data Type:** Integer


Possible Data Values	Meaning of Data Value
none (0)	The LEDs do not have any fault settings capabilities.
unknown (1)	The hard-drive fault LEDs' state is unknown.
enabled (2)	The hard-drive fault LEDs' state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReady (4)	The hard-drive fault LEDs' state is not ready.
reset (8)	The hard-drive fault LEDs have been reset.
resetAndEnable (10)	The hard-drive fault LEDs have been reset and enabled.

**Table 181. Chassis Identification Control Capabilities**

**Variable Name:** DellChassisIdentifyControlCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The LEDs do not have any chassis identification capabilities.
unknownCapabilities (1)	The chassis identification control's capabilities are unknown.
enableCapable (2)	The chassis identification controls can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The chassis identification control's capabilities are not ready.
identifyCapable (8)	The chassis identification control's LEDs can be made to identify the chassis.
resetAndEnable (10)	The hard-drive fault LEDs have been reset and enabled.

 **NOTE:** Chassis identification capabilities allow system administrators to set front panel light-emitting diodes (LEDs) to blink when the chassis has malfunctioning components. When enabled, the blinking lights help administrators locate the problem chassis.

**Table 182. Chassis Identification Control Settings**


**Variable Name:** DellChassisIdentifyControlSettings

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The chassis identification control's state is unknown..
enabled (2)	The chassis identification control's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReady (4)	The chassis identification control's state is not ready.
identifyChassis (8)	The chassis identification control's LEDs may be returned to (normal) 0, or (identify chassis) 1.
identifyChassisAndEnable (10)	The chassis identification control's LEDs may be returned to normal (a binary 0 value), or identify chassis and enabled (a binary 1 value).

**Table 183. Host Control Capabilities**

**Variable Name:** DellHostControlCapabilities

 **NOTE:** An operator can manually enable these actions using SNMP.


**Data Type:** Integer

Possible Data Values	Meaning of Data Value
manualRebootCapable (1)	The operator can reboot capable host.
manualPowerOFFCapable (2)	The operator can power off capable host.
manualPowerCycleCapable (4)	The operator can power-cycle capable host.
manualAllExceptOperatingSystemShutdownCapable (7)	The operator can reboot and power off capable host.
manualOperatingSystemShutdownCapable (8)	The operator can shut down the operating-system-shutdown capable host.
manualFullyCapable (15)	The operator can reboot, power on and off the power-cycle capable host, and shut down the operating-system-shutdown capable host.
manualRebootWithOSShutdownCapable (16)	The operator can reboot with operating system shutdown.

manualRebootWithoutOSShutdownCapable (32)	The operator can reboot without operating system shutdown.
manualPowerOffWithOSShutdownCapable (64)	The operator can power off with operating system shutdown.
manualPowerOffWithoutOSShutdownCapable (128)	The operator can power off without operating system shutdown.
manualPowerCycleWithOSShutdownCapable (256)	The operator can power cycle with operating system shutdown.
manualPowerCycleWithoutOSShutdownCapable (512)	The operator can power cycle without operating system shutdown.

**Table 184. Host Control Settings**

**Variable Name:** DellHostControlSettings


 **NOTE:** An operator can manually cause these actions using SNMP.

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
manualReboot (1)	The operator can reboot the host.
manualPowerOFF (2)	The operator can power off the host.
manualPowerCycle (4)	Power cycle the host.
manualOperatingSystemShutdown (8)	The operator can shut down the operating system on the host.
manualOperatingSystemShutdownThenPowerCycle (12)	The operator can shut down the operating system on the host then power cycle machine.

**Table 185. Watchdog Control Capabilities**

**Variable Name:** DellWatchDogControlCapabilities

 **NOTE:** When the system determines that the operating system is not responding, it automatically performs the selected action without operator intervention.


**Data Type:** Integer

Possible Data Values	Meaning of Data Value
automaticRebootCapable (1)	Watchdog controls can be set to reboot capable host.
automaticPowerCycleCapable (2)	Watchdog controls can be set to power cycle capable host.

<code>automaticNotificationCapable(4)</code>	Watchdog controls can be set to notify capable host
<code>automaticWatchdogTimerCapable(8)</code>	Watchdog controls can be set to function automatically.
<code>automaticPowerOffCapable(16)</code>	Watchdog controls can be set to automatically power off host.
<code>automaticAllExceptNotificationCapable(27)</code>	Watchdog controls can be set to automatically perform all functions except notification capable.
<code>automaticFullyCapable(31)</code>	Watchdog controls can be set to automatically perform all functions.

**Table 186. Watchdog Control Settings**

**Variable Name:** `DellWatchControlSettings`

 **NOTE:** The watchdog timer is the mechanism used by a chassis to determine if the operating system has stopped responding.

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>automaticRebootEnabled(1)</code>	Automatic reboot is enabled for this host.
<code>automaticPowerCycleEnabled(2)</code>	Automatic power cycleable is enabled for this host.
<code>automaticNotificationEnabled(4)</code>	Automatic notification is enabled for this host.
<code>automaticPowerOffEnabled(8)</code>	Automatic power off is enabled for this host.

**Table 187. Watchdog Timer Capabilities**

**Variable Name:** `DellWatchDogTimerCapabilities`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>type1Capable(1)</code>	Watchdog timer can time in intervals from 20–480 seconds.
<code>type2Capable(2)</code>	Watchdog timer can time in 30-, 60-, 120-, and 480-second intervals.
<code>type3Capable(4)</code>	Watchdog timer can time in 60-second intervals.

**Table 188. Power Button Control Capabilities**

**Variable Name:** `DellPowerButtonControlCapabilities`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>none(0)</code>	The power button has no capabilities.
<code>unknownCapabilities(1)</code>	The power button capabilities are unknown.



enableCapable (2) The power button can be enabled (online) or disabled (offline).

**Table 189. Power Button Control Settings**

**Variable Name:** DellPowerButtonControlSettings

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The power button has no settings capabilities.
unknown (1)	The power button settings are unknown.
enabled (2)	The power button state is enabled.
disabled (4)	The power button state is disabled.

**Table 190. NMI Button Control Capabilities**

**Variable Name:** DellNMIButtonControlCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The NMI button has no capabilities.
unknownCapabilities (1)	The NMI button capabilities are unknown.
enableCapable (2)	The NMI button can be enabled (online) or disabled (offline).

**Table 191. System Properties**

**Variable Name:** DellSystemProperties



**NOTE:** These values are bit masks, so combination values are possible.

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	No properties.
energySmart (1)	The system is an Energy Smart System.

**Table 192. NMI Button Control Settings**

**Variable Name:** DellNMIButtonControlSettings

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The NMI button has no settings capabilities.
unknown (1)	The NMI button settings are unknown.
enabled (2)	The NMI button state is enabled.
disabled (4)	The NMI button state is disabled.

**Table 193. Baseboard Type****Variable Name :** DellBaseBoardType**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	The baseboard type is unknown.
other (2)	The baseboard type is not one of the following types.
serverBlade (3)	The baseboard type is a server blade.
connectivitySwitch (4)	The baseboard type is a connectivity switch.
systemManagementModule (5)	The baseboard type is a system management module.
processorModule (6)	The baseboard type is a processor module.
ioModule (7)	The baseboard type is an I/O module.
memoryModule (8)	The baseboard type is a memory module
daughterBoard (9)	The baseboard type is a daughter board.
motherboard (10)	The baseboard type is a mother board.
processorMemoryModule (11)	The baseboard type is a processor or memory module
processorIOModule (12)	The baseboard type is a processor or I/O module
interconnectBoard (13)	The baseboard type is an interconnect board.

**Table 194. Chassis System Class****Variable Name :** DellChassisSystemClass**Data Type:** Integer

Possible Data Values	Meaning of Data Value
other (1)	The chassis system class is not one of the following:
unknown (2)	The chassis system class is unknown.
workstationClasses (3)	The chassis system class is a workstation.
serverClass (4)	The chassis system class is a server.
desktopClass (5)	The chassis system class is a desktop.
portableClass (6)	The chassis system class is a portable.
netPCClass (7)	The chassis system class is a Net PC.
storageClass (8)	The chassis system class is storage.

**Table 195. Firmware Type****Variable Name :** DellFirmwareType

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
other (1)	The firmware type is other than following values.
unknown (2)	The firmware type is unknown.
systemBIOS (3)	The firmware type is System BIOS
embeddedSystemManagementController (4)	The firmware type is Embedded System Management Controller.
powerSupplyParallelingBoard (5)	The firmware type is Power Supply Paralleling Board.
systemBackPlane (6)	The firmware type is System (Primary) Backplane.
powerVault2XXSKernel (7)	The firmware type is Dell PowerVault 2XXS Kernel.
powerVault2XXSApplication (8)	The firmware type is PowerVault 2XXS Application.
frontPanel (9)	The firmware type is Front Panel Controller.
baseboardManagementController (10)	The firmware type is Baseboard Management Controller.
hotPlugPCI (11)	The firmware type is Hot Plug Peripheral Component Interconnect (PCI) Controller.
sensorData (12)	The firmware type is Sensor Data Records.
peripheralBay (13)	The firmware type is Peripheral Bay Backplane.
secondaryBackPlane (14)	The firmware type is Secondary Backplane for ESM 2 systems.
secondaryBackPlaneESM3And4 (15)	The firmware type is Secondary Backplane for ESM 3 and 4 systems.
rac (16)	The firmware type is Remote Access Controller.
iDRAC (17)	The firmware type is Integrated Dell Remote Access Controller.
unifiedServerConfigurator (19)	The firmware type is Unified Server Configurator.
lifecycleController (20)	The firmware type is Lifecycle Controller.

**Table 196. Baseboard Feature Flags**

**Variable Name:** DellBaseBoardFeatureFlags

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
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**NOTE:** These values are bit fields, so combination values are possible.

no features (0)	This baseboard has no feature flags.
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boardIsHostingBoard(1)	This baseboard is a hosting board.
boardRequiresDaughterBoard (2)	This baseboard requires at least one daughter board or auxiliary card.
boardIsRemovable(4)	This baseboard is removable.
boardIsReplaceable(8)	This baseboard is replaceable.
boardIsHotSwappable(16)	This baseboard is hot swappable.

# Operating System Group

The Operating System Group provides status and identifying information about a system's operating system. Identifying information includes the name, version, and service pack of the installed operating system.

The following objects describe the fields for Operating System Group.

## Operating System Memory Table

**Table 197. Operating System Memory Table**

<b>Name</b>	<code>operatingSystemMemoryTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20
<b>Description</b>	Defines the Operating System Memory Table.
<b>Syntax</b>	SEQUENCE OF <code>OperatingSystemMemoryTableEntry</code>
<b>Access</b>	Not accessible

**Table 198. Operating System Memory Table Entry**

<b>Name</b>	<code>operatingSystemTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1
<b>Description</b>	Defines the Operating System Memory Table entry.
<b>Syntax</b>	<code>OperatingSystemMemoryTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>operatingSystemMemorychassisIndex</code>

**Table 199. Operating System Memory Chassis Index**

<b>Name</b>	<code>operatingSystemMemorychassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 200. Operating System Memory State Capabilities**

<b>Name</b>	<code>operatingSystemMemoryStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1.2
<b>Description</b>	Defines the capabilities of the operating system memory.
<b>Syntax</b>	<code>DellStateCapabilities</code>

**Access** Read-only

**Table 201. Operating System Memory State Settings**

**Name** operatingSystemMemoryStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.400.20.1.3  
**Description** Defines the state and allows the setting of the operating system memory.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 202. Operating System Memory Status**

**Name** operatingSystemMemoryStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.400.20.1.4  
**Description** Defines the status of the operating system memory.  
**Syntax** DellStatus  
**Access** Read-only

**Table 203. Operating System Memory Total Physical Size**

**Name** operatingSystemMemoryTotalPhysicalSize  
**Object ID** 1.3.6.1.4.1.674.10892.1.400.20.1.5  
**Description** Defines the total physical memory size in kilobytes.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 204. Operating System Memory Available Physical Size**

**Name** operatingSystemMemoryAvailablePhysicalSize  
**Object ID** 1.3.6.1.4.1.674.10892.1.400.20.1.6  
**Description** Defines the available physical memory size in kilobytes.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 205. Operating System Memory Total Page File Size**

**Name** operatingSystemMemoryTotalPageFileSize  
**Object ID** 1.3.6.1.4.1.674.10892.1.400.20.1.7  
**Description** Defines the total page file memory size in kilobytes.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 206. Operating System Memory Available Page File Size**

<b>Name</b>	<code>operatingSystemMemoryAvailablePageFileSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1.8
<b>Description</b>	Defines the available page file memory size in kilobytes.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 207. Operating System Memory Total Virtual Size**

<b>Name</b>	<code>operatingSystemMemoryTotalVirtualSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1.9
<b>Description</b>	Defines the total virtual memory size in kilobytes.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 208. Operating System Memory Available Virtual Size**

<b>Name</b>	<code>operatingSystemMemoryAvailableVirtualSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.400.20.1.10
<b>Description</b>	Defines the available virtual memory size in kilobytes.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only





# System Resource Group

The Management Information Base (MIB) variables presented in this section enable you to track various attributes of your system resources. This section includes System Resource Group Tables that track variables such as the owner, ports, system memory, interrupts, and direct memory access.

## System Resource Group Tables

The following MIB tables define objects for the System Resource Group:

- [System Resource Map Table](#)
- [System Resource Owner Table](#)
- [System Resource Input/Output \(I/O\) Port Table](#)
- [System Resource Memory Table](#)
- [System Resource Interrupt Table](#)
- [System Resource Direct Memory Access \(DMA\) Table](#)

### System Resource Map Table

**Table 209. System Resource Map Table**

<b>Name</b>	<code>systemResourceMapTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10
<b>Description</b>	Defines the System Resource Map Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceMapTableEntry
<b>Access</b>	Not accessible

**Table 210. System Resource Map Table Entry**

<b>Name</b>	<code>systemResourceMapTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1
<b>Description</b>	Defines the System Resource Map Table entry.
<b>Syntax</b>	SystemResourceMapTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemResourceMapchassisIndex</code> , <code>systemResourceMapIndex</code>

**Table 211. System Resource Map Chassis Index**

<b>Name</b>	systemResourceMapChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 212. System Resource Map Index**

<b>Name</b>	systemResourceMapIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.2
<b>Description</b>	Defines the index of system resource maps in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 213. System Resource Map State Capabilities**

<b>Name</b>	systemResourceMapStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.3
<b>Description</b>	Defines the capabilities of this system map.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 214. System Resource Map State Settings**

<b>Name</b>	systemResourceMapStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.4
<b>Description</b>	Defines the state and allows the setting of this system map.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 215. System Resource Map Status**

<b>Name</b>	systemResourceMapStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.5
<b>Description</b>	Defines the status of this system map.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 216. System Resource Map Type**

<b>Name</b>	systemResourceMapType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.10.1.6

<b>Description</b>	Defines the type of this system map.
<b>Syntax</b>	DellSystemResourceMapType ( <a href="#">System Resource Map Type</a> )
<b>Access</b>	Read-only

## System Resource Owner Table

**Table 217. System Resource Owner Table**

<b>Name</b>	<code>systemResourceOwnerTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20
<b>Description</b>	Defines the System Resource Owner Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceOwnerTableEntry
<b>Access</b>	Not accessible

**Table 218. System Resource Owner Table Entry**

<b>Name</b>	<code>systemResourceOwnerTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1
<b>Description</b>	Defines the System Resource Owner Table entry. Variables in this group reference the System Resource Map index.
<b>Syntax</b>	SystemResourceOwnerTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemResourceOwnerchassisIndex</code> , <code>systemResourceOwnerIndex</code>

**Table 219. System Resource Owner Chassis Index**

<b>Name</b>	<code>systemResourceOwnerchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 220. System Resource Owner Index**

<b>Name</b>	<code>systemResourceOwnerIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.2
<b>Description</b>	Defines the index of system resource owners for this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 221. System Resource Owner State Capabilities**

<b>Name</b>	systemResourceOwnerStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.3
<b>Description</b>	Defines the capabilities of this system resource owner.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 222. System Resource Owner State Settings**

<b>Name</b>	systemResourceOwnerStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.4
<b>Description</b>	Defines the state settings of this system resource owner.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 223. System Resource Owner Status**

<b>Name</b>	systemResourceOwnerStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.5
<b>Description</b>	Defines the status of this system resource owner.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-write

**Table 224. System Resource Owner Interface Type**

<b>Name</b>	systemResourceOwnerInterfaceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.6
<b>Description</b>	Defines the interface type for this system resource owner.
<b>Syntax</b>	DellResourceOwnerInterfaceType ( <a href="#">Resource Owner Interface Type</a> )
<b>Access</b>	Read-only

**Table 225. System Resource Map Index Reference**

<b>Name</b>	systemResourceMapIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.7
<b>Description</b>	Defines the index to the associated system resource map in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 226. System Resource Owner Description Name**

<b>Name</b>	systemResourceOwnerDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.8

<b>Description</b>	Defines the description name of the system resource owner.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 227. System Resource Owner Interface Instance**

<b>Name</b>	<code>systemResourceOwnerInterfaceInstance</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.20.1.9
<b>Description</b>	Defines the associated system resource owner interface instance in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

## System Resource Input/Output (I/O) Port Table

**Table 228. System Resource Input/Output (I/O) Port Table**

<b>Name</b>	<code>systemResourceIOPortTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30
<b>Description</b>	Defines the System Resource I/O Port Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceIOPortTableEntry
<b>Access</b>	Not accessible

**Table 229. System Resource I/O Port Table Entry**

<b>Name</b>	<code>systemResourceIOPortTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1
<b>Description</b>	Defines the System Resource I/O Port Table entry.
<b>Syntax</b>	SystemResourceIOPortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemResourceIOPortchassisIndex</code> , <code>systemResourceIOPortIndex</code>

**Table 230. System Resource I/O Port Chassis Index**

<b>Name</b>	<code>systemResourceIOPortchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 231. System Resource I/O Port Index**

<b>Name</b>	<code>systemResourceIOPortIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.2
<b>Description</b>	Defines the index (one-based) of the system resource I/O ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 232. System Resource I/O Port State Capabilities**

<b>Name</b>	<code>systemResourceIOPortStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.3
<b>Description</b>	Defines the capabilities of the system resource I/O port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 233. System Resource I/O Port State Settings**

<b>Name</b>	<code>systemResourceIOPortStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.4
<b>Description</b>	Defines the state and allows the setting of the system resource I/O port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 234. System Resource I/O Port Status**

<b>Name</b>	<code>systemResourceIOPortStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.5
<b>Description</b>	Defines the status of the system resource I/O port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 235. System Resource I/O Port Owner Index Reference**

<b>Name</b>	<code>systemResourceIOPortOwnerIndexReference</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.6
<b>Description</b>	Defines the index to the associated system resource owner in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 236. System Resource I/O Port Share Disposition**

<b>Name</b>	<code>systemResourceIOPortShareDisposition</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.7

<b>Description</b>	Defines the share disposition of the system resource I/O port.
<b>Syntax</b>	DellResourceShareDisposition ( <a href="#">Resource Share Disposition</a> )
<b>Access</b>	Read-only

**Table 237. System Resource I/O Port Starting Address**

<b>Name</b>	<code>systemResourceIOPortStartingAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.8
<b>Description</b>	Defines the 64 bits of the starting address of the system resource I/O port.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 238. System Resource I/O Port Ending Address**

<b>Name</b>	<code>systemResourceIOPortEndingAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.30.1.9
<b>Description</b>	Defines the 64 bits of the ending address of the system resource I/O port.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

## System Resource Memory Table

**Table 239. System Resource Memory Table**

<b>Name</b>	<code>systemResourceMemoryTable</code>
<b>Object</b>	1.3.6.1.4.1.674.10892.1.500.40
<b>Description</b>	Defines the System Resource Memory Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceMemoryTableEntry
<b>Access</b>	Not accessible

**Table 240. System Resource Memory Table Entry**

<b>Name</b>	<code>systemResourceMemoryTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1
<b>Description</b>	Defines the System Resource Memory Table entry.
<b>Syntax</b>	SystemResourceMemoryTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemResourceMemorychassisIndex</code> , <code>systemResourceMemoryIndex</code>

**Table 241. System Resource Memory Chassis Index**

<b>Name</b>	<code>systemResourceMemorychassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 242. System Resource Memory Index**

<b>Name</b>	<code>systemResourceMemoryIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.2
<b>Description</b>	Defines the index of system resource memory in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 243. System Resource Memory State Capabilities**

<b>Name</b>	<code>systemResourceMemoryStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.3
<b>Description</b>	Defines the capabilities of this system resource memory.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 244. System Resource Memory State Settings**

<b>Name</b>	<code>systemResourceMemoryStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.4
<b>Description</b>	Defines the state of this system resource memory.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-write

**Table 245. System Resource Memory Status**

<b>Name</b>	<code>systemResourceMemoryStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.5
<b>Description</b>	Defines the status of this system resource memory.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

<b>Name</b>	<code>systemResourceMemoryOwnerIndexReference</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.6
<b>Description</b>	Defines the index to the associated system resource owner in this chassis.



<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 246. System Resource Memory Share Disposition**

<b>Name</b>	systemResourceMemoryShareDisposition
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.7
<b>Description</b>	Defines the share disposition of the system resource memory.
<b>Syntax</b>	DellResourceShareDisposition ( <a href="#">Resource Share Disposition</a> )
<b>Access</b>	Read-only

**Table 247. System Resource Memory Starting Address**

<b>Name</b>	systemResourceMemoryStartingAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.8
<b>Description</b>	Defines the 64 bits of the starting address of the system resource memory.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 248. System Resource Memory Ending Address**

<b>Name</b>	systemResourceMemoryEndingAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.9
<b>Description</b>	Defines the 64 bits of the ending address of the system resource memory.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 249. System Resource Memory Flags**

<b>Name</b>	systemResourceMemoryFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.40.1.10
<b>Description</b>	Defines the permission flags for the system resource memory.
<b>Syntax</b>	DellResourceMemoryFlags ( <a href="#">Resource Memory Flags</a> )
<b>Access</b>	Read-only

## System Resource Interrupt Table

**Table 250. System Resource Interrupt Table**

<b>Name</b>	systemResourceInterruptTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.50
<b>Description</b>	Defines the System Resource Interrupt Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceInterruptTableEntry

**Access** Not accessible

**Table 251. System Resource Interrupt Table Entry**

**Name** systemResourceInterruptTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1  
**Description** Defines the System Resource Interrupt Table entry.  
**Syntax** SystemResourceInterruptTableEntry  
**Access** Not accessible  
**Index** systemResourceInterruptchassisIndex  
,  
systemResourceInterruptIndex

**Table 252. System Resource Interrupt Chassis Index**

**Name** systemResourceInterruptchassisIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** DellObjectRange  
**Access** Not accessible

**Table 253. System Resource Interrupt Index**

**Name** systemResourceInterruptIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.2  
**Description** Defines the index (one-based) of this interrupt resource.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 254. System Resource Interrupt State Capabilities**

**Name** systemResourceInterruptStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.3  
**Description** Defines the capabilities of this system resource interrupt.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 255. System Resource Interrupt State Settings**

**Name** systemResourceInterruptStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.4  
**Description** Defines the state of this system resource interrupt.  
**Syntax** DellStateSettings

**Access** Read-write

**Table 256. System Resource Interrupt Status**

**Name** systemResourceInterruptStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.5  
**Description** Defines the status of this system resource interrupt.  
**Syntax** DellStatus  
**Access** Read-only

**Table 257. System Resource Interrupt Owner Index Reference**

**Name** systemResourceInterruptOwnerIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.6  
**Description** Defines the index for the associated system resource owner in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 258. System Resource Interrupt Owner Share Disposition**

**Name** systemResourceInterruptShareDisposition  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.7  
**Description** Defines the share disposition of the system resource interrupt.  
**Syntax** DellResourceShareDisposition ([Resource Share Disposition](#))  
**Access** Read-only

**Table 259. System Resource Interrupt Level**

**Name** systemResourceInterruptLevel  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.8  
**Description** Defines the interrupt request (IRQ) level of the system resource interrupt.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 260. System Resource Interrupt Type**

**Name** systemResourceInterruptType  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.50.1.9  
**Description** Defines the interrupt type of the system resource interrupt.  
**Syntax** DellResourceInterruptType ([Resource Interrupt Type](#))  
**Access** Read-only

**Table 261. System Resource Interrupt Trigger**

<b>Name</b>	<code>systemResourceInterruptTrigger</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.50.1.10
<b>Description</b>	Defines the interrupt trigger of the system resource interrupt.
<b>Syntax</b>	DellResourceInterruptTrigger ( <a href="#">Resource Interrupt Trigger</a> )
<b>Access</b>	Read-only

## System Resource Direct Memory Access (DMA) Table

**Table 262. System Resource Direct Memory Access (DMA) Table**

<b>Name</b>	<code>systemResourceDMATable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60
<b>Description</b>	Defines the System Resource DMA Table.
<b>Syntax</b>	SEQUENCE OF SystemResourceDMATableEntry
<b>Access</b>	Not accessible

**Table 263. System Resource DMA Table Entry**

<b>Name</b>	<code>systemResourceDMATable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1
<b>Description</b>	Defines the System Resource DMA Table entry.
<b>Syntax</b>	SystemResourceDMATableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemResourceDMAchassisIndex</code> , <code>systemResourceDMAIndex</code>

**Table 264. System Resource DMA Chassis Index**

<b>Name</b>	<code>systemResourceDMAchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 265. System Resource DMA Index**

<b>Name</b>	<code>systemResourceDMAIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1.2
<b>Description</b>	Defines the index of system resource DMAs in this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 266. System Resource DMA State Capabilities**

**Name** systemResourceDMAStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.60.1.3  
**Description** Defines the capabilities of this system resource DMA.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 267. System Resource DMA State Settings**

**Name** systemResourceDMAStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.60.1.4  
**Description** Defines the state and setting of this system resource DMA.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 268. System Resource DMA Status**

**Name** systemResourceDMAStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.60.1.5  
**Description** Defines the status of this system resource DMA.  
**Syntax** DellStatus  
**Access** Read-only

**Table 269. System Resource DMA Owner Index Reference**

**Name** systemResourceDMAOwnerIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.60.1.6  
**Description** Defines the index to the associated system resource owner in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 270. System Resource DMA Share Disposition**

**Name** systemResourceDMAShareDisposition  
**Object ID** 1.3.6.1.4.1.674.10892.1.500.60.1.7  
**Description** Defines the share disposition of the system resource DMA.  
**Syntax** DellResourceShareDisposition ([Resource Share Disposition](#))  
**Access** Read-only

**Table 271. System Resource DMA Maximum Transfer Size**

<b>Name</b>	<code>systemResourceDMAMaximumTransferSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1.8
<b>Description</b>	Defines the maximum size of a memory transfer in bytes for the system resource DMA.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 272. System Resource DMA Transfer Width**

<b>Name</b>	<code>systemResourceDMATransferWidth</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1.9
<b>Description</b>	Defines the transfer width of the system resource DMA.
<b>Syntax</b>	DellResourceDMATransferWidth ( <a href="#">Resource DMA Transfer Width</a> )
<b>Access</b>	Read-only

**Table 273. System Resource DMA Bus Master**

<b>Name</b>	<code>systemResourceDMABusMaster</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.500.60.1.10
<b>Description</b>	Defines the bus mastering capabilities of the system resource DMA.
<b>Syntax</b>	DellResourceDMABusMaster ( <a href="#">Resource DMA Bus Master</a> )
<b>Access</b>	Read-only

## System Resource Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 274. System Resource Map Type**

**Variable Name:** `DellSystemResourceMapType`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>other (1)</code>	The system resource map type is not one of the following:
<code>unknown (2)</code>	The system resource map type is unknown (not known or not monitored).
<code>typeOne (3)</code>	The system resource map is type 1 (one).

**Table 275. Resource Owner Interface Type**

**Variable Name:** `DellResourceOwnerInterfaceType`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>typeIsOther (1)</code>	The interface type is not one of the following:

<code>typeIsUnknown (2)</code>	The interface type is unknown.
<code>typeIsInternal (3)</code>	The interface type is internal.
<code>typeIsISA (4)</code>	The interface type is an Industry Standard Architecture (ISA) bus.
<code>typeIsEISA (5)</code>	The interface type is an Extended Industry Standard Architecture (EISA) bus.
<code>typeIsMCA (6)</code>	The interface type is a microchannel architecture (MCA) bus.
<code>typeIsTurboChannel (7)</code>	The interface type is a turbo-channel bus.

**Table 276. Resource Share Disposition**

**Variable Name:** `DellResourceShareDisposition`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>shareIsOther (1)</code>	The share disposition is not one of the following:
<code>shareIsUnknown (2)</code>	The share disposition is unknown (not known or not monitored).
<code>shareIsDeviceExclusive (3)</code>	The share disposition is device exclusive.
<code>shareIsDriverExclusive (4)</code>	The share disposition is driver exclusive.
<code>shareIsShared (5)</code>	The share disposition is shared.

**Table 277. Resource Memory Flags**

**Variable Name:** `DellResourceMemoryFlags`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>memoryIsReadOnly (1)</code>	The resource memory is read-only.
<code>memoryIsWriteOnly (2)</code>	The resource memory is write-only.
<code>memoryIsPreFetchable (4)</code>	The resource memory is prefetchable.
<code>memoryIsCombinedWritable (8)</code>	The resource memory is read-write.
<code>memoryIsF24 (16)</code>	The resource memory is F24.

**Table 278. Resource Interrupt Type**

**Variable Name:** `DellResourceInterruptType`

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
<code>interruptIsLevelSensitive (1)</code>	The interrupt type is level sensitive.

`interruptIsLatched(2)` The interrupt type is latched.

**Table 279. Resource Interrupt Trigger**

**Variable Name:** `DellResourceInterruptTrigger`

**Data Type:** `Integer`

Possible Data Values	Meaning of Data Value
<code>interruptIsActiveWhenLow(1)</code>	The interrupt trigger is active on a low signal.
<code>interruptIsActiveWhenHigh(2)</code>	The interrupt trigger is active on a high signal.

**Table 280. Resource DMA Bus Master**

**Variable Name:** `DellResourceDMABusMaster`

**Data Type:** `Integer`

Possible Data Values	Meaning of Data Value
<code>dmaIsOther(1)</code>	The DMA bus master capability is not one of the following:
<code>dmaIsUnknown(2)</code>	The DMA bus master capability is unknown.
<code>dmaIsNotABusmaster(3)</code>	The DMA does not have bus master capability.

**Table 281. Resource DMA Transfer Width**

**Variable Name:** `DellResourceDMATransferWidth`


**Data Type:** `Integer`

Possible Data Values	Meaning of Data Value
<code>dmaTransferWidthIsOther(1)</code>	The DMA transfer width is not one of the following:
<code>dmaTransferWidthIsunknown(2)</code>	The DMA transfer width is unknown.
<code>dmaTransferWidthIs8Bits(3)</code>	The DMA transfer width is 8 bits.
<code>dmaTransferWidthIs16Bits(4)</code>	The DMA transfer width is 16 bits.
<code>dmaTransferWidthIs32Bits(5)</code>	The DMA transfer width is 32 bits.
<code>dmaTransferWidthIs64Bits(6)</code>	The DMA transfer width is 64 bits.
<code>dmaTransferWidthIs128Bits(7)</code>	The DMA transfer width is 128 bits.



# Power Group

The Power Group provides information about power units (a group of power supplies in a system chassis), power supplies, and voltage and amperage probes.

 **NOTE:** Power Management features are only available for PowerEdge systems that have hot-swappable power supplies and not systems that have a fixed, nonredundant power supply installed.

## Power Group Tables

The following management information base (MIB) tables define objects for the Power Group:

- [Power Unit Table](#)
- [Power Supply Table](#)
- [Voltage Probe Table](#)
- [Amperage Probe Table](#)
- [AC Power Switch Table](#)
- [AC Power Cord Table](#)
- [Battery Table](#)
- [Power Usage Table](#)
- [Power ProfileTable](#)

### Power Unit Table

**Table 282. Power Unit Table**

<b>Name</b>	powerUnitTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.10
<b>Description</b>	Defines the Power Unit Table.
<b>Syntax</b>	PowerUnitTableEntry
<b>Access</b>	Not accessible

**Table 283. Power Unit Table Entry**

<b>Name</b>	powerUnitTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.10.1
<b>Description</b>	Defines the Power Unit Table entry.
<b>Syntax</b>	DelObjectRange
<b>Access</b>	Read-only

**Index** `powerUnitChassisIndex, powerUnitIndex`

**Table 284. Power Unit Chassis Index**

<b>Name</b>	<code>powerUnitChassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.10.1.1</code>
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 285. Power Unit Index**

<b>Name</b>	<code>powerUnitIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.10.1.2</code>
<b>Description</b>	Defines the index of the power unit in this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 286. Power Unit State Capabilities**

<b>Name</b>	<code>powerUnitStateCapabilities</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.10.1.3</code>
<b>Description</b>	Defines the capabilities of the power unit.
<b>Syntax</b>	<code>DellStateCapabilities</code>
<b>Access</b>	Read-only

**Table 287. Power Unit State Settings**

<b>Name</b>	<code>powerUnitStateSettings</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.10.1.4</code>
<b>Description</b>	Defines the state and settings of the power unit.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-write

**Table 288. Power Unit Redundancy Status**

<b>Name</b>	<code>powerUnitRedundancyStatus</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.10.1.5</code>
<b>Description</b>	Defines the redundancy status of the power unit.
<b>Syntax</b>	<code>DellStatusRedundancy</code>
<b>Access</b>	Read-only

**Table 289. Power Supply Count for Redundancy**

<b>Name</b>	<code>powerSupplyCountForRedundancy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.10.1.6
<b>Description</b>	Defines the total number of power supplies required for this power unit to have redundancy.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 290. Power Unit Name**

<b>Name</b>	<code>powerUnitName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.10.1.7
<b>Description</b>	Defines the name of the power unit in this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 291. Power Unit Status**

<b>Name</b>	<code>powerUnitStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.10.1.8
<b>Description</b>	Defines the status of the power unit in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

## Power Supply Table

**Table 292. Power Supply Table**

<b>Name</b>	<code>powerSupplyTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12
<b>Description</b>	Defines the Power Supply Table.
<b>Syntax</b>	PowerSupplyTableEntry
<b>Access</b>	Not accessible

**Table 293. Power Supply Table Entry**

<b>Name</b>	<code>powerSupplyTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1
<b>Description</b>	Defines the Power Supply Table entry.
<b>Syntax</b>	PowerSupplyTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>powerSupplychassisIndex</code> , <code>powerSupplyIndex</code>

**Table 294. Power Supply Chassis Index**

<b>Name</b>	powerSupplychassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 295. Power Supply Index**

<b>Name</b>	powerSupplyIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.2
<b>Description</b>	Defines the index of power supply.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 296. Power Supply State Capabilities Unique**

<b>Name</b>	powerSupplyStateCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.3
<b>Description</b>	Defines the capabilities of the power supply.
<b>Syntax</b>	DellPowerSupplyStateCapabilitiesUnique ( <a href="#">Power Supply State Capabilities Unique</a> )
<b>Access</b>	Read-only

**Table 297. Power Supply State Settings Unique**

<b>Name</b>	powerSupplyStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.4
<b>Description</b>	Defines the state and settings of the power supply.
<b>Syntax</b>	DellPowerSupplyStateSettingsUnique ( <a href="#">Power Supply State Settings Unique</a> )
<b>Access</b>	Read-write

**Table 298. Power Supply Status**

<b>Name</b>	powerSupplyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.5
<b>Description</b>	Defines the status of the power supply.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 299. Power Supply Output Watts**

<b>Name</b>	powerSupplyOutputWatts
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.6

<b>Description</b>	Defines the maximum sustained output wattage of the power supply in tenths of watts.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 300. Power Supply Type**

<b>Name</b>	powerSupplyType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.7
<b>Description</b>	Defines the type of power supply.
<b>Syntax</b>	DellPowerSupplyType ( <a href="#">Power Supply Type Definitions</a> )
<b>Access</b>	Read-only

**Table 301. Power Supply Location Name**

<b>Name</b>	powerSupplyLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.8
<b>Description</b>	Defines the location name of the power supply.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 302. Power Supply Input Voltage**

<b>Name</b>	powerSupplyInputVoltage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.9
<b>Description</b>	Defines the input voltage to the power supply in volts.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 303. Power Supply Power Unit Index Reference**

<b>Name</b>	powerSupplyPowerUnitIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.10
<b>Description</b>	Defines the index to the associated system power unit in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 304. Power Supply Sensor State**

<b>Name</b>	powerSupplySensorState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.11
<b>Description</b>	Defines the state reported by the power supply sensor, and supplements the state and settings of the power supply.
<b>Syntax</b>	DellPowerSupplySensorState ( <a href="#">Power Supply Sensor State</a> )

**Access** Read-only

**Table 305. Power Supply Configuration Error Type**

**Name** powerSupplyConfigurationErrorType  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.12  
**Description** Defines the type of configuration error reported by the power supply sensor.  
**Syntax** DellPowerSupplyConfigurationErrorType ([Power Supply Configuration Error Type](#))  
**Access** Read-only

**Table 306. Power Supply Power Monitor Capable**

**Name** powerSupplyPowerMonitorCapable  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.13  
**Description** Defines a boolean value that reports whether the power supply is capable of monitoring power consumption.  
**Syntax** DellBoolean  
**Access** Read-only

**Table 307. Power Supply Rated Input Wattage**

**Name** powerSupplyRatedInputWattage  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.14  
**Description** Defines the rated input wattage of the power supply (in tenths of Watts.)  
**Syntax** DellSigned32BitRange  
**Access** Read-only

## Voltage Probe Table

**Table 308. Voltage Probe Table**

**Name** voltageProbeTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.20  
**Description** Defines the Voltage Probe Table.  
**Syntax** VoltageProbeTableEntry  
**Access** Not accessible

**Table 309. Voltage Probe Table Entry**

**Name** voltageProbeTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.20.1  
**Description** Defines the Voltage Probe Table entry.  
**Syntax** VoltageProbeTableEntry  
**Access** Not accessible

**Index** voltageProbechassisIndex, voltageProbeIndex

**Table 310. Voltage Probe Chassis Index**

<b>Name</b>	voltageProbechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 311. Voltage Probe Index**

<b>Name</b>	voltageProbeIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.2
<b>Description</b>	Defines the index of voltage probes in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 312. Voltage Probe State Capabilities**

<b>Name</b>	voltageProbeStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.3
<b>Description</b>	Defines the capabilities of the voltage probe.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 313. Voltage Probe State Settings**

<b>Name</b>	voltageProbeStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.4
<b>Description</b>	Defines the state and settings of the voltage probe.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 314. Voltage Probe Status**

<b>Name</b>	voltageProbeStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.5
<b>Description</b>	Defines the status of the voltage probe.
<b>Syntax</b>	DellStatusProbe
<b>Access</b>	Read-only

**Table 315. Voltage Probe Reading**

<b>Name</b>	voltageProbeReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.6
<b>Description</b>	Defines the value of the voltage probe reading. The value is an integer representing the voltage in millivolts that the probe is reading. When the value for voltageProbeType is voltageProbeTypeIsDiscrete, a value is not returned for this attribute.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 316. Voltage Probe Type**

<b>Name</b>	voltageProbeType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.7
<b>Description</b>	Defines the type of the voltage probe.
<b>Syntax</b>	DellVoltageType
<b>Access</b>	Read-only

**Table 317. Voltage Probe Location Name**

<b>Name</b>	voltageProbeLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.8
<b>Description</b>	Defines the location of the voltage probe in this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 318. Voltage Probe Upper Nonrecoverable Threshold**

<b>Name</b>	voltageProbeUpperNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.9
<b>Description</b>	Defines the value of the voltage probe's upper nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 319. Voltage Probe Upper Critical Threshold**

<b>Name</b>	voltageProbeUpperCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.10
<b>Description</b>	Defines the value of the voltage probe's upper critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only



**Table 320. Voltage Probe Upper Noncritical Threshold**

<b>Name</b>	voltageProbeUpperNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.11
<b>Description</b>	Defines the user-assigned value of the voltage probe's upper noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 321. Voltage Probe Lower Noncritical Threshold**

<b>Name</b>	voltageProbeLowerNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.12
<b>Description</b>	Defines the user-assigned value of the voltage probe's lower noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 322. Voltage Probe Lower Critical Threshold**

<b>Name</b>	voltageProbeLowerCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.13
<b>Description</b>	Defines the value of the voltage probe's lower critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 323. Voltage Probe Lower Nonrecoverable Threshold**

<b>Name</b>	voltageProbeLowerNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.14
<b>Description</b>	Defines the value of the voltage probe's lower nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 324. Voltage Probe Capabilities**

<b>Name</b>	voltageProbeProbeCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.15
<b>Description</b>	Defines the probe capabilities of the voltage probe.
<b>Syntax</b>	DellProbeCapabilities
<b>Access</b>	Read-only

**Table 325. Voltage Probe Discrete Reading**

<b>Name</b>	voltageProbeDiscreteReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.20.1.16

<b>Description</b>	Defines the reading for a voltage probe of type voltageProbeTypesDiscrete. When the value for voltageProbeType is other than voltageProbeTypesDiscrete, a value is not returned for this attribute. When the value for voltageProbeType is voltageProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.
<b>Syntax</b>	DellVoltageDiscreteReading
<b>Access</b>	Read-only

## Amperage Probe Table

**Table 326. Amperage Probe Table**

<b>Name</b>	amperageProbeTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30
<b>Description</b>	Defines the Amperage Probe Table.
<b>Syntax</b>	SEQUENCE OF AmperageProbeTableEntry
<b>Access</b>	Not accessible

**Table 327. Amperage Probe Table Entry**

<b>Name</b>	amperageProbeTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1
<b>Description</b>	Defines the Amperage Probe Table entry.
<b>Syntax</b>	AmperageProbeTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	amperageProbechassisIndex , amperageProbeIndex

**Table 328. Amperage Probe Chassis Index**

<b>Name</b>	amperageProbechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 329. Amperage Probe Index**

<b>Name</b>	amperageProbeIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.2
<b>Description</b>	Defines the index of amperage probes in this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 330. Amperage Probe State Capabilities**

**Name** amperageProbeStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.3  
**Description** Defines the capabilities of the amperage probe.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 331. Amperage Probe State Settings**

**Name** amperageProbeStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.4  
**Description** Defines the state and settings of the amperage probe.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 332. Amperage Probe Status**

**Name** amperageProbeStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.5  
**Description** Defines the status of the amperage probe.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 333. Amperage Probe Reading**

**Name** amperageProbeReading  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.6  
**Description** Defines the reading for an amperage probe of type other than amperageProbeTypeIsDiscrete.  
When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyAmps or amperageProbeTypeIsSystemAmps, the value returned for this attribute is the power usage that the probe is reading in tenths of Amperes.  
When the value for amperageProbeType is amperageProbeTypeIsPowerSupplyWatts or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the power usage that the probe is reading in Watts.  
When the value for amperageProbeType is other than amperageProbeTypeIsDiscrete, amperageProbeTypeIsPowerSupplyAmps, amperageProbeTypeIsPowerSupplyWatts, amperageProbeTypeIsSystemAmps, or amperageProbeTypeIsSystemWatts, the value returned for this attribute is the amperage that the probe is reading in Milliamps.  
When the value for amperageProbeType is amperageProbeTypeIsDiscrete, a value is not returned for this attribute.  
**Syntax** DellSigned32BitRange

**Access** Read-only

**Table 334. Amperage Probe Type**

**Name** amperageProbeType  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.7  
**Description** Defines the type of the amperage probe.  
**Syntax** DellAmperageProbeType  
**Access** Read-only

**Table 335. Amperage Probe Location Name**

**Name** amperageProbeLocationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.8  
**Description** Defines the location name of the amperage probe in this chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 336. Amperage Probe Upper Nonrecoverable Threshold**

**Name** amperageProbeUpperNonRecoverableThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.9  
**Description** Defines the value of the amperage probe's upper nonrecoverable threshold. The value is an integer representing the amperage in milliamperes that the probe is reading.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 337. Amperage Probe Upper Critical Threshold**

**Name** amperageProbeUpperCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.10  
**Description** Defines the value of the amperage probe's upper critical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 338. Amperage Probe Upper Noncritical Threshold**

**Name** amperageProbeUpperNonCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.30.1.11  
**Description** Defines the user-assigned value of the amperage probe's upper critical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-write

**Table 339. Amperage Probe Lower Noncritical Threshold**

<b>Name</b>	amperageProbeLowerNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.12
<b>Description</b>	Defines the user-assigned value of the amperage probe's lower noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 340. Amperage Probe Lower Critical Threshold**

<b>Name</b>	amperageProbeLowerCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.13
<b>Description</b>	Defines the value of the amperage probe's lower critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 341. Amperage Probe Lower Nonrecoverable Threshold**

<b>Name</b>	amperageProbeLowerNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.14
<b>Description</b>	Defines the value of the amperage probe's lower nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 342. Amperage Probe Probe Capabilities**

<b>Name</b>	amperageProbeProbeCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.15
<b>Description</b>	Defines the probe capabilities of the amperage probe.
<b>Syntax</b>	DellProbeCapabilities
<b>Access</b>	Read-only

**Table 343. Amperage Probe Discrete Reading**

<b>Name</b>	amperageProbeDiscreteReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.30.1.16
<b>Description</b>	Defines the reading for a amperage probe of type amperageProbeTypesDiscrete. When the value for amperageProbeType is other than amperageProbeTypesDiscrete, a value is not returned for this attribute. When the value for amperageProbeType is amperageProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.
<b>Syntax</b>	DellAmperageDiscreteReading ( <a href="#">Amperage Probe Discrete Reading</a> )
<b>Access</b>	Read-only

## AC Power Switch Table

**Table 344. AC Power Switch Table**

<b>Name</b>	aCPowerSwitchTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40
<b>Description</b>	Defines the AC Power Switch Table.
<b>Syntax</b>	SEQUENCE OF ACPowerSwitchTableEntry
<b>Access</b>	Not accessible

**Table 345. AC Power Switch Table Entry**

<b>Name</b>	aCPowerSwitchTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1
<b>Description</b>	Defines the AC Power Switch Table entry.
<b>Syntax</b>	ACPowerSwitchTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	aCPowerSwitchchassisIndex , aCPowerSwitchIndex

**Table 346. AC Power Switch Chassis Index**

<b>Name</b>	aCPowerSwitchChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.1
<b>Description</b>	Defines the index (one-based) of the chassis containing this AC power switch.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 347. AC Power Switch Index**

<b>Name</b>	aCPowerSwitchIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.2
<b>Description</b>	Defines the index (one-based) of this AC power switch.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 348. AC Power Switch Capabilities**

<b>Name</b>	aCPowerSwitchCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.3
<b>Description</b>	Defines the capabilities of this AC power switch.

<b>Syntax</b>	DellACPowerSwitchCapabilities
<b>Access</b>	Read-only

**Table 349. AC Power Switch Settings**

<b>Name</b>	aCPowerSwitchSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.4
<b>Description</b>	Defines the settings of this AC power switch.
<b>Syntax</b>	DellACPowerSwitchSettings
<b>Access</b>	Read-write

**Table 350. AC Power Switch Redundancy Status**

<b>Name</b>	aCPowerSwitchRedundancyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.5
<b>Description</b>	Defines the redundancy status of this AC power switch.
<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 351. AC Power Cord Count for Redundancy**

<b>Name</b>	aCPowerCordCountForRedundancy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.6
<b>Description</b>	Defines the total number of AC power cords required for this AC power switch to have redundancy.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 352. AC Power Switch Name**

<b>Name</b>	aCPowerSwitchName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.7
<b>Description</b>	Defines the name of this AC power switch.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 353. AC Power Switch Redundancy Mode**

<b>Name</b>	aCPowerSwitchRedundancyMode
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.8
<b>Description</b>	Defines the redundancy mode of this AC power switch.
<b>Syntax</b>	DellACPowerSwitchRedundancyMode
<b>Access</b>	Read-write

**Table 354. AC Power Switch Status**

<b>Name</b>	aCPowerSwitchStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.40.1.9
<b>Description</b>	Defines the status of this AC power switch.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

## AC Power Cord Table

**Table 355. AC Power Cord Table**

<b>Name</b>	aCPowerCordTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.42
<b>Description</b>	Defines the AC Power Cord Table.
<b>Syntax</b>	SEQUENCE OF ACPowerCordTableEntry
<b>Access</b>	Not accessible

**Table 356. AC Power Cord Table Entry**

<b>Name</b>	aCPowerCordTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.42.1
<b>Description</b>	Defines the AC Power Cord Table entry.
<b>Syntax</b>	ACPowerCordTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	aCPowerCordchassisIndex , aCPowerCordIndex

**Table 357. AC Power Cord Chassis Index**

<b>Name</b>	aCPowerCordChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.42.1.1
<b>Description</b>	Defines the index (one-based) of the chassis containing this AC power cord.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 358. AC Power Cord Index**

<b>Name</b>	aCPowerCordIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.42.1.2
<b>Description</b>	Defines the index (one-based) of this AC power cord.
<b>Syntax</b>	DellObjectRange



**Access** Read-only

**Table 359. AC Power Cord State Capabilities**

**Name** aCPowerCordStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.42.1.3  
**Description** Defines the capabilities of this AC power cord.  
**Syntax** DellACPowerCordStateCapabilities  
**Access** Read-only

**Table 360. AC Power Cord State Settings**

**Name** aCPowerCordStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.42.1.4  
**Description** Defines the settings of this AC power cord.  
**Syntax** DellACPowerCordStateSettings  
**Access** Read-write

**Table 361. AC Power Cord Status**

**Name** aCPowerCordStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.42.1.5  
**Description** Defines the status of this AC power cord.  
**Syntax** DellStatus  
**Access** Read-only

**Table 362. AC Power Cord AC Power Switch Index Reference**

**Name** aCPowerCordaCPowerSwitchIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.42.1.6  
**Description** Defines the index (one-based) to the associated AC power switch for this AC power cord.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 363. AC Power Cord Location Name**

**Name** aCPowerCordLocationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.42.1.7  
**Description** Defines the location name of this AC power cord.  
**Syntax** DellString  
**Access** Read-only

## Battery Table

**Table 364. Battery Table**

<b>Name</b>	batteryTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50
<b>Description</b>	Defines the Battery Table.
<b>Syntax</b>	SEQUENCE OF BatteryTableEntry
<b>Access</b>	Not accessible

**Table 365. Battery Table Entry**

<b>Name</b>	batteryTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1
<b>Description</b>	Defines the Battery Table Entry.
<b>Syntax</b>	BatteryTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	batteryChassisIndex, batteryIndex

**Table 366. Battery Chassis Index**

<b>Name</b>	batteryChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the battery.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 367. Battery Index**

<b>Name</b>	batteryIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.2
<b>Description</b>	Defines the index (one-based) of the battery.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 368. Battery State Capabilities**

<b>Name</b>	batteryStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.3
<b>Description</b>	Defines the state capabilities of the battery.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 369. Battery State Settings**

<b>Name</b>	batteryStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.4
<b>Description</b>	Defines the state settings of the battery.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 370. Battery Status**

<b>Name</b>	batteryStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.5
<b>Description</b>	Defines the status of the battery.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 371. Battery Reading**

<b>Name</b>	batteryReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.6
<b>Description</b>	Defines the reading of the battery.
<b>Syntax</b>	DellBatteryReading ( <a href="#">Battery Reading</a> )
<b>Access</b>	Read-only

**Table 372. Battery Location Name**

<b>Name</b>	batteryLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.7
<b>Description</b>	Defines the location of the battery.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Power Usage Table

**Table 373. Power Usage Table**

<b>Name</b>	powerUsageTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60
<b>Description</b>	Defines the Power Usage Table.
<b>Syntax</b>	SEQUENCE OF PowerUsageTableEntry
<b>Access</b>	Not accessible

**Table 374. Power Usage Table Entry**

<b>Name</b>	powerUsageTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1
<b>Description</b>	Defines the Power Usage Table Entry.
<b>Syntax</b>	PowerUsageTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	powerUsageChassisIndex , powerUsageIndex

**Table 375. Power Usage Chassis Index**

<b>Name</b>	powerUsageChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 376. Power Usage Index**

<b>Name</b>	powerUsageIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.2
<b>Description</b>	Defines the index (one-based) of the power usage information.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 377. Power Usage State Capabilities**

<b>Name</b>	powerUsageStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.3
<b>Description</b>	Defines the state capabilities of the power usage information.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 378. Power Usage State Settings**

<b>Name</b>	powerUsageStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.4
<b>Description</b>	Defines the state settings of the power usage information.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 379. Power Usage Status**

<b>Name</b>	powerUsageStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.5
<b>Description</b>	Defines the status of the power usage information.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 380. Power Usage Entity Name**

<b>Name</b>	powerUsageEntityName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.6
<b>Description</b>	Defines the name of the entity associated with this power usage information.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 381. Power Usage Cumulative Wattage**

<b>Name</b>	powerUsageCumulativeWattage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.7
<b>Description</b>	Defines the total wattage used (in Watt-hours) by this entity since the date and time specified by the powerUsageCumulativeWattageStartDateName attribute.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 382. Power Usage Cumulative Wattage Start Date Name**

<b>Name</b>	powerUsageCumulativeWattageStartDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.8
<b>Description</b>	Defines the date and time at which the data collection started for the value reported by the powerUsageCumulativeWattage attribute.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only

**Table 383. Power Usage Peak Watts**

<b>Name</b>	powerUsagePeakWatts
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.9
<b>Description</b>	Defines the peak wattage reading (in Watts) for this entity since the date and time specified by the powerUsagePeakWattsStartDateName attribute.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 384. Power Usage Peak Watts Start Date Name**

<b>Name</b>	powerUsagePeakWattsStartDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.10
<b>Description</b>	Defines the date and time at which the data collection started for the value reported by the powerUsagePeakWatts attribute.
<b>Syntax</b>	DelIDateName
<b>Access</b>	Read-only

**Table 385. Power Usage Peak Watts Reading Date Name**

<b>Name</b>	powerUsagePeakWattsReadingDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.11
<b>Description</b>	Defines the date and time at which the value reported by the powerUsagePeakWatts attribute was measured.
<b>Syntax</b>	DelIDateName
<b>Access</b>	Read-only

**Table 386. Power Usage Peak Amps**

<b>Name</b>	powerUsagePeakAmps
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.12
<b>Description</b>	Defines the peak amperage reading (in tenths of Amps) for this entity since the date and time specified by the powerUsagePeakAmpsStartDateName attribute.
<b>Syntax</b>	DelUnsigned32BitRange
<b>Access</b>	Read-only

**Table 387. Power Usage Peak Amps Start Date Name**

<b>Name</b>	powerUsagePeakAmpsStartDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.13
<b>Description</b>	Defines the date and time at which the data collection started for the value reported by the powerUsagePeakAmps attribute.
<b>Syntax</b>	DelIDateName
<b>Access</b>	Read-only

**Table 388. Power Usage Peak Amps Reading Date Name**

<b>Name</b>	powerUsagePeakAmpsReadingDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.14
<b>Description</b>	Defines the date and time at which the value reported by the powerUsagePeakAmps attribute was measured.
<b>Syntax</b>	DelIDateName
<b>Access</b>	Read-only

**Table 389. Power Usage Idle Power**

<b>Name</b>	powerUsageIdlePower
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.15
<b>Description</b>	Defines the system idle power (in Watts). This is the minimum power the system can consume based on the current hardware configuration.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 390. Power Usage Max Potential Power**

<b>Name</b>	powerUsageMaxPotentialPower
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.16
<b>Description</b>	Defines the maximum potential power (in Watts) of the system. This is the maximum power the system can consume based on the current hardware configuration.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 391. Power Usage Power Cap Capabilities**

<b>Name</b>	powerUsagePowerCapCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.17
<b>Description</b>	Defines the system power cap capabilities.
<b>Syntax</b>	DellPowerCapCapabilities
<b>Access</b>	Read-only

**Table 392. Power Usage Power Cap Setting**

<b>Name</b>	powerUsagePowerCapSetting
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.18
<b>Description</b>	Defines the system power cap setting.
<b>Syntax</b>	DellPowerCapSetting
<b>Access</b>	Read-only

**Table 393. Power Usage Power Cap Value**

<b>Name</b>	powerUsagePowerCapValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.60.1.19
<b>Description</b>	Defines the system power cap value (in Watts).
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 394. Power Usage Instantaneous Headroom**

<b>Name</b>	<code>powerUsageInstantaneousHeadroom</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.60.1.20</code>
<b>Description</b>	Defines the system instantaneous headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus instantaneous power draw.
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-only

**Table 395. Power Usage Peak Headroom**

<b>Name</b>	<code>powerUsagePeakHeadroom</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.60.1.21</code>
<b>Description</b>	Defines the system peak headroom (in Watts). This is the theoretical maximum power drawn by the power supply minus peak power draw.
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-only

## Power Profile Table

**Table 396. Power Profile Table**

<b>Name</b>	<code>powerProfileTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.70</code>
<b>Description</b>	Defines the Power Profile Table.
<b>Syntax</b>	<code>SEQUENCE OF PowerProfileTableEntry</code>
<b>Access</b>	Not accessible

**Table 397. Power Profile Table Entry**

<b>Name</b>	<code>powerProfileTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.70.1</code>
<b>Description</b>	Defines the Power Profile Table Entry.
<b>Syntax</b>	<code>PowerProfileTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>powerProfileChassisIndex , powerProfileIndex</code>

**Table 398. Power Profile Chassis Index**

<b>Name</b>	<code>powerProfileChassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.600.70.1.1</code>
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	<code>DellObjectRange</code>



**Access** Read-only

**Table 399. Power Profile Index**

**Name** powerProfileIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.70.1.2  
**Description** Defines the index (one-based) of the power profile information.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 400. Power Profile Supported Profiles**

**Name** powerProfileSupportedProfiles  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.70.1.3  
**Description** Defines the supported power profiles.  
**Syntax** DellPowerProfileType  
**Access** Read-only

**Table 401. Power Profile Setting**

**Name** powerProfileSetting  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.70.1.4  
**Description** Defines the power profile setting.  
**Syntax** DellPowerProfileType  
**Access** Read-only

**Table 402. Power Profile Custom CPU Management Capabilities**

**Name** powerProfileCustomCPUManagementCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.70.1.5  
**Description** Defines the custom CPU power and performance management capabilities that are available for the Custom power profile.  
**Syntax** DellCPUPowerPerformanceManagementType  
**Access** Read-only

**Table 403. Power Profile Custom CPU Management Setting**

**Name** powerProfileCustomCPUManagementSetting  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.70.1.6  
**Description** Defines the custom CPU power and performance management setting for the Custom power profile.  
**Syntax** DellCPUPowerPerformanceManagementType  
**Access** Read-only

**Table 404. Power Profile Custom Memory Management Capabilities**

<b>Name</b>	<code>powerProfileCustomMemoryManagementCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.70.1.7
<b>Description</b>	Defines the custom memory power and performance management capabilities that are available for the Custom power profile.
<b>Syntax</b>	<code>DellMemoryPowerPerformanceManagementType</code>
<b>Access</b>	Read-only

**Table 405. Power Profile Custom Memory Management Capabilities**

<b>Name</b>	<code>powerProfileCustomMemoryManagementSetting</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.70.1.8
<b>Description</b>	Defines the custom memory power and performance management setting for the Custom power profile.
<b>Syntax</b>	<code>DellMemoryPowerPerformanceManagementType</code>
<b>Access</b>	Read-only

**Table 406. Power Profile Custom Fan Management Capabilities**

<b>Name</b>	<code>powerProfileCustomFanManagementCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.70.1.9
<b>Description</b>	Defines the custom fan power and performance management capabilities that are available for the Custom power profile.
<b>Syntax</b>	<code>DellFanPowerPerformanceManagementType</code>
<b>Access</b>	Read-only

**Table 407. Power Profile Custom Fan Management Setting**

<b>Name</b>	<code>powerProfileCustomFanManagementSetting</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.70.1.10
<b>Description</b>	Defines the custom fan power and performance management setting for the Custom power profile.
<b>Syntax</b>	<code>DellFanPowerPerformanceManagementType</code>
<b>Access</b>	Read-only

## Power Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 408. Power Supply State Capabilities Unique**

**Variable Name:** `DellPowerSupplyStateCapabilitiesUnique`

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

unknown (1)	The power supply's capabilities are unknown.
onlineCapable (2)	The power supply can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The power supply's capabilities are not ready.

**Table 409. Power Supply State Settings Unique**

**Variable Name:** DellPowerSupplyStateSettingsUnique

**Data Type:** Integer

**Possible Data Values**

unknown (1)
onLine (2)
notReady (4)
fanFailure (8)
onlineAndFanFailure (10)
powerSupplyIsON (16)
powerSupplyIsOk (32)
acSwitchIsON (64)
onlineandAcSwitchIsON (66)
acPowerIsON (128)
onlineAndAcPowerIsON (130)
onlineAndPredictiveFailure (210)
acPowerAndSwitchAreOn PowerSupplyIsOnIsOkAnd Online (242)

**Meaning of Data Value**

The power supply's capabilities are unknown.
The power supply's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
The power supply's state is not ready.
The power supply fan has failed.
The power supply is online and indicating that its fan is not working.
The power supply is indicating that it is on.
The power supply is indicating that it is OK.
The power supply is indicating that the AC power switch is on.
The power supply is online and indicating that the AC power supply switch capability is activated.
The power supply is indicating that the AC power is on.
The power supply is online and indicating that the AC power is on.
The power supply is online and indicating that it has a problem.
The power supply is online and OK.

**Table 410. Power Supply Type Definitions**

**Variable Name:** DellPowerSupplyType

**Data Type:** Integer

**Possible Data Values**

powerSupplyTypeIsOther (1)
powerSupplyTypeIsUnknown (2)

**Meaning of Data Value**

The power supply type is not one of the following:
The power supply type is unknown (not known or not monitored).

powerSupplyTypeIsLinear (3)	The power supply type is a linear power supply.
powerSupplyTypeIsSwitching (4)	The power supply type is a switching power supply.
powerSupplyTypeIsBattery (5)	The power supply type is a battery.
powerSupplyTypeIsUPS (6)	The power supply type is an uninterruptable power supply.
powerSupplyTypeIsConverter (7)	The power supply type is a power converter power supply.
powerSupplyTypeIsRegulator (8)	The power supply type is a regulator power supply.
powerSupplyTypeIsAC (9)	The power supply type is an AC power supply.
powerSupplyTypeIsDC (10)	The power supply type is a DC power supply.
powerSupplyTypeIsVRM (11)	The power supply type is a voltage regulator module (VRM) power supply.

**Table 411. Power Supply Sensor State**

**Variable Name:** DellPowerSupplySensorState

**Data Type:** Integer

**Possible Data Values**

presenceDetected (1)  
psFailureDetected (2)  
predictiveFailure (4)  
psACLost (8)  
acLostOrOutOfRange (16)  
acOutOfRangeButPresent (32)  
configurationError (64)

**Meaning of Data Value**

The power supply's presence is detected.  
The power supply failure is detected.  
The power supply sensor detects predictive failure  
The power supply's AC power is lost.  
The power supply's AC power is lost or out of range.  
The power supply's AC power is present, but it is out of range.  
The power supply sensor detects a configuration error.

**Table 412. Power Supply Configuration Error Type**

**Variable Name:** DellPowerSupplyConfigurationErrorType

**Data Type:** Integer

**Possible Data Values**

vendorMismatch (1)  
revisionMismatch (2)  
processorMissing (3)

**Meaning of Data Value**

The power supply configuration error type is vendor mismatch.  
The power supply configuration error type is revision mismatch.  
The power supply configuration error type is processor missing.

**Table 413. Voltage Probe Type**

**Variable Name:** DellVoltageType

**Data Type:** Integer

**Possible Data Values**

- voltageProbeTypeIsOther (1)
- voltageProbeTypeIsUnknown (2)
  
- voltageProbeTypeIs1Point5Volt (3)
- voltageProbeTypeIs3Point3Volt (4)
- voltageProbeTypeIs5Volt (5)
- voltageProbeTypeIsMinus5Volt (6)
- voltageProbeTypeIs12Volt (7)
- voltageProbeTypeIsMinus12Volt (8)
- voltageProbeTypeIsIO (9)
- voltageProbeTypeIsCore (10)
- voltageProbeTypeIsFLEA (11)
- voltageProbeTypeIsBattery (12)
- voltageProbeTypeIsTerminator (13)
- voltageProbeTypeIs2Point5Volt (14)
- voltageProbeTypeIsGTL (15)
  
- voltageProbeTypeIsDiscrete (16)

**Meaning of Data Value**

- The voltage probe type is not one of the following:
- The voltage probe type is unknown (not known or not monitored).
- The voltage probe type is a 1.5-volt (V) probe.
- The voltage probe type is a 3.3-V probe.
- The voltage probe type is a 5-V probe.
- The voltage probe type is a -5-V probe.
- The voltage probe type is a 12-V probe.
- The voltage probe type is a -12-V probe.
- The voltage probe type is an I/O volt probe.
- The voltage probe type is a core volt probe.
- The voltage probe type is a FLEA (standby) volt probe.
- The voltage probe type is a battery volt probe.
- The voltage probe type is a SCSI termination volt probe.
- The voltage probe type is a 2.5-V probe.
- The voltage probe type is a ground termination logic (GTL) probe.
- The voltage probe type is a voltage probe with discrete reading.

**Table 414. Voltage Probe Discrete Reading**

**Variable Name:** DellVoltageDiscreteReading

**Data Type:** Integer

**Possible Data Values**

- voltageIsGood (1)
- voltageIsBad (2)

**Meaning of Data Value**

- The voltage probe discrete reading is good.
- The voltage probe discrete reading is bad.

**Table 415. Amperage Probe Definitions**

**Variable Name:** DellAmperageType

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

amperageProbeTypeIsOther (1)	The amperage probe type is not one of the following:
amperageProbeTypeIsUnknown (2)	The amperage probe type is unknown (not known or not monitored).
amperageProbeTypeIs1Point5Volt (3)	The amperage probe type is a 1.5-ampere (A) probe.
amperageProbeTypeIs3Point3volt (4)	The amperage probe type is a 3.3-A probe.
amperageProbeTypeIs5Volt (5)	The amperage probe type is a 5-A probe.
amperageProbeTypeIsMinus5Volt (6)	The amperage probe type is a –5-A probe.
amperageProbeTypeIs12Volt (7)	The amperage probe type is a 12-A probe.
amperageProbeTypeIsMinus12Volt (8)	The amperage probe type is a –12-A probe.
amperageProbeTypeIsIO (9)	The amperage probe type is an I/O amperage probe.
amperageProbeTypeIsCore (10)	The amperage probe type is a core amperage probe.
amperageProbeTypeIsFLEA (11)	The amperage probe type is a FLEA (standby) amperage probe.
amperageProbeTypeIsBattery (12)	The amperage probe type is a battery amperage probe.
amperageProbeTypeIsTerminator (13)	The amperage probe type is a Small Computer System Interface (SCSI) termination amperage probe.
amperageProbeTypeIs2Point5Volt (14)	The amperage probe type is a 2.5-V amperage probe.
amperageProbeTypeIsGTL (15)	The amperage probe type is a Gunning Transceiver Logic (GTL) probe.
amperageProbeTypeIsDiscrete (16)	The amperage probe type is an amperage probe with discrete reading.
amperageProbeTypeIsPowerSupplyAmps (23)	The amperage probe type is power supply probe with reading in Amperes.
amperageProbeTypeIsPowerSupplyWatts (24)	The amperage probe type is power supply probe with reading in Watts.
amperageProbeTypeIsSystemAmps (25)	The amperage probe type is system probe with reading in Amperes.
amperageProbeTypeIsSystemWatts (26)	The amperage probe type is system probe with reading in Watts.

**Table 416. Amperage Probe Discrete Reading**

**Variable Name:** DellAmperageDiscreteReading

**Data Type:** Integer

**Possible Data Values**

amperageIsGood (1)

amperageIsBad (2)

**Meaning of Data Value**

The amperage probe discrete reading is good.

The amperage probe discrete reading is bad.

**Table 417. AC Power Switch Capabilities**

**Variable Name:** DellACPowerSwitchCapabilities

**Data Type:** Integer

**Possible Data Values**

unknownCapabilities (1)  
inputSourceCord1NoReturnCapable (2)  
inputSourceCord1ReturnCapable (4)  
inputSourceCord2NoReturnCapable (8)  
inputSourceCord2ReturnCapable (16)  
inputSourceSharedCapable (32)

**Meaning of Data Value**

The AC power switch's capabilities are unknown.  
Input source is AC power cord 1, with no return.  
Input source is AC power cord 1, with return.  
Input source is AC power cord 2, with no return.  
Input source is AC power cord 2, with return.  
Input source is shared.

**Table 418. AC Power Switch Settings**

**Variable Name:** DellACPowerSwitchSettings

**Data Type:** Integer

**Possible Data Values**

unknown (1)  
inputSourceCord1NoReturn (2)  
inputSourceCord1Return (4)  
inputSourceCord2NoReturn (8)  
inputSourceCord2Return (16)  
inputSourceShared (32)

**Meaning of Data Value**

The AC power switch's settings are unknown.  
Input source is AC power cord 1, with no return.  
Input source is AC power cord 1, with return.  
Input source is AC power cord 2, with no return.  
Input source is AC power cord 2, with return.  
Input source is shared.

**Table 419. AC Power Switch Redundancy Mode**

**Variable Name:** DellACPowerSwitchRedundancyMode

**Data Type:** Integer

**Possible Data Values**

nonRedundant (1)  
redundant (2)

**Meaning of Data Value**

The AC power switch is not expecting redundancy.  
The AC power switch is expecting redundancy.

**Table 420. AC Power Cord State Capabilities**

**Variable Name:** DellACPowerCordStateCapabilities

**Data Type:** Integer

**Possible Data Values**

unknown (1)

**Meaning of Data Value**

The AC power cord's capabilities are unknown.

<code>onlineCapable (2)</code>	The AC power cord can be disabled (offline) or enabled (online).
<code>notReadyCapable (4)</code>	The AC power cord's capabilities are not ready.

**Table 421. AC Power Cord State Settings**

**Variable Name:** `DellACPowerCordStateSettings`

**Data Type:** Integer

**Possible Data Values**


**Meaning of Data Value**

<code>unknown (1)</code>	The AC power cord's state is unknown.
<code>online (2)</code>	The AC power cord's state is disabled (offline) 0 or enabled (online) 1.
<code>notReady (4)</code>	The AC power cord's state is not ready.
<code>acPowerCordHasPower (8)</code>	The AC power cord has power.
<code>acPowerCordIsActive Source (16)</code>	The AC power cord is the active source of AC power.

**Table 422. Battery Reading**

**Variable Name:** `DellBatteryReading`

**Data Type:** Integer

 **NOTE:** These values are bit masks, so combination values are possible.

**Possible Data Values**


**Meaning of Data Value**

<code>predictiveFailure (1)</code>	Battery sensor detects predictive failure.
<code>failed (2)</code>	Battery has failed.
<code>presenceDetected (4)</code>	Battery presence is detected.

**Table 423. Power Cap Capabilities**

**Variable Name:** `DellPowerCapCapabilities`

**Data Type:** Integer

 **NOTE:** These values are bit masks, so combination values are possible.

**Possible Data Values**

**Meaning of Data Value**

<code>none (0)</code>	No power cap capabilities are available.
<code>enable (1)</code>	Power cap can be enabled.
<code>disable (2)</code>	Power cap can be disabled.



**Table 424. Power Cap Setting**

**Variable Name:** DellPowerCapSetting

**Data Type:** Integer

**Possible Data Values**

disabled(0)

enabled(1)

**Meaning of Data Value**


Power cap is disabled.

Power cap is enabled.

**Table 425. Power Profile Type**

**Variable Name:** DellPowerProfileType

**Data Type:** Integer

 **NOTE:** These values are bit masks, so combination values are possible.

**Possible Data Values**

maxPerformance(1)

osControl(2)

activePowerController(4)

custom(8)

**Meaning of Data Value**

Power profile type is Maximum Performance.

Power profile type is OS control.

Power profile type is Active Power Controller.

Power profile type is Custom.

**Table 426. CPU Power Performance Management Type**

**Variable Name:** DellCPUPowerPerformanceManagementType

**Data Type:** Integer

 **NOTE:**

These values are bit masks, so combination values are possible.

**Possible Data Values**

maxPerformance(1)

minPower(2)

osDBPM(4)

systemDBPM(8)

**Meaning of Data Value**

CPU power and performance management type is Maximum Performance.

CPU power and performance management type is Minimum Power.

CPU power and performance management type is OS Demand Based Power Management.

CPU power and performance management type is System Demand Based Power Management.

**Table 427. Memory Power Performance Management Type**

**Variable Name:** DellMemoryPowerPerformanceManagementType

**Data Type:** Integer

 **NOTE:**

These values are bit masks, so combination values are possible.

**Possible Data Values**

maxPerformance (1)

mhz1333 (2)

mhz1067 (4)

mhz800 (8)

minPower (16)

**Meaning of Data Value**

Memory power and performance management type is Maximum Performance.

Memory power and performance is 1333 MHz. .

Memory power and performance is 1067 MHz.

Memory power and performance is 800 MHz.

Memory power and performance management type is Minimum Power.

**Table 428. Fan Power Performance Management Type**

**Variable Name:** DellFanPowerPerformanceManagementType

**Data Type:** Integer

 **NOTE:**

These values are bit masks, so combination values are possible.

**Possible Data Values**

maxPerformance (1)

minPower (2)

**Meaning of Data Value**

Fan power and performance management type is Maximum Performance.

Fan power and performance management type is Minimum Power.

# Thermal Group

The Thermal Group provides information about cooling units, cooling devices, and temperature probes. Cooling units are sets of fans or other cooling devices in a system chassis. Thermal Group variables include threshold values and types of cooling devices and temperature probes.

## Thermal Group Tables

The following management information base (MIB) tables define the objects in the Thermal Group:

- [Cooling Unit Table](#)
- [Cooling Device Table](#)
- [Temperature Probe Table](#)

### Cooling Unit Table

**Table 429. Cooling Unit Table**

<b>Name</b>	<code>coolingUnitTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.700.10</code>
<b>Description</b>	Defines the Cooling Unit Table.
<b>Syntax</b>	<code>TableEntry</code>
<b>Access</b>	Not accessible

**Table 430. Cooling Unit Table Entry**

<b>Name</b>	<code>coolingUnitTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.700.10.1</code>
<b>Description</b>	Defines the Cooling Unit Table entry.
<b>Syntax</b>	<code>TableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>coolingUnitChassisIndex</code> , <code>coolingUnitIndex</code>

**Table 431. Cooling Unit Chassis Index**

<b>Name</b>	<code>coolingUnitChassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.700.10.1.1</code>
<b>Description</b>	Defines the index (one-based) of this chassis.

<b>Syntax</b>	TableEntry
<b>Access</b>	Read-only

**Table 432. Cooling Unit Index**

<b>Name</b>	coolingUnitIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.2
<b>Description</b>	Defines the index (one-based) of cooling units.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 433. Cooling Unit State Capabilities**

<b>Name</b>	coolingUnitStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.3
<b>Description</b>	Defines the capabilities of the cooling unit.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 434. Cooling Unit State Settings**

<b>Name</b>	coolingUnitStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.4
<b>Description</b>	Defines the state and settings of the cooling unit.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 435. Cooling Unit Redundancy Status**

<b>Name</b>	coolingUnitRedundancyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.5
<b>Description</b>	Defines the redundancy status of the cooling unit.
<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 436. Cooling Device Count For Redundancy**

<b>Name</b>	coolingDeviceCountForRedundancy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.6
<b>Description</b>	Defines the total number of cooling devices required for this cooling unit to have redundancy.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 437. Cooling Unit Name**

<b>Name</b>	coolingUnitName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.7
<b>Description</b>	Defines the cooling unit name in this chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 438. Cooling Unit Status**

<b>Name</b>	coolingUnitStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.10.1.8
<b>Description</b>	Defines the status of the cooling unit in this chassis.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

## Cooling Device Table

**Table 439. Cooling Device Table**

<b>Name</b>	coolingDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12
<b>Description</b>	Defines the Cooling Device Table.
<b>Syntax</b>	CoolingDeviceTableEntry
<b>Access</b>	Not accessible

**Table 440. Cooling Device Table Entry**

<b>Name</b>	coolingDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1
<b>Description</b>	Defines the Cooling Device Table entry.
<b>Syntax</b>	CoolingDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooling DevicechassisIndex , coolingDeviceIndex

**Table 441. Cooling Device Chassis Index**

<b>Name</b>	coolingDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 442. Cooling Device Index**

**Name** coolingDeviceIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.2  
**Description** Defines the index of cooling devices in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 443. Cooling Device State Capabilities**

**Name** coolingDeviceStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.3  
**Description** Defines the capabilities of the cooling device.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 444. Cooling Device State Settings**

**Name** coolingDeviceStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.4  
**Description** Defines the state and settings of the cooling device.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 445. Cooling Device Status**

**Name** coolingDeviceStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.5  
**Description** Defines the status of the cooling device.  
**Syntax** DellStatusProbe  
**Access** Read-only

**Table 446. Cooling Device Reading**

**Name** coolingDeviceReading  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.6  
**Description** Defines either the cooling device's speed in revolutions per minute (RPM), or the off/on value of the fan.  
When the value for coolingDeviceSubType is other than coolingDeviceSubTypesDiscrete, the value returned for this attribute is the speed in RPM or the OFF/ON value of the cooling device. When the value for coolingDeviceSubType is coolingDeviceSubTypesDiscrete, a value is not returned for this attribute.  
**Syntax** DellSigned32BitRange

**Access** Read-only

**Table 447. Cooling Device Type**

**Name** coolingDeviceType  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.7  
**Description** Defines the cooling device type.  
**Syntax** DellCoolingDeviceType ([Cooling Device Type](#))  
**Access** Read-only

**Table 448. Cooling Device Location Name**

**Name** coolingDeviceLocationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.8  
**Description** Defines the location of the cooling device in this chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 449. Cooling Device Upper Nonrecoverable Threshold**

**Name** coolingDeviceUpperNonrecoverableThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.9  
**Description** Defines the value of the fan's upper nonrecoverable threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 450. Cooling Device Upper Critical Threshold**

**Name** coolingDeviceUpperCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.10  
**Description** Defines the value of the fan's upper critical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 451. Cooling Device Upper Noncritical Threshold**

**Name** coolingDeviceUpperNonCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.12.1.11  
**Description** Defines the user-assigned value of the fan's upper noncritical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-write

**Table 452. Cooling Device Lower Noncritical Threshold**

<b>Name</b>	coolingDeviceLowerNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.12
<b>Description</b>	Defines the user-assigned value of the fan's lower noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 453. Cooling Device Lower Critical Threshold**

<b>Name</b>	coolingDeviceLowerCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.13
<b>Description</b>	Defines the value of the fan's lower critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 454. Cooling Device Lower Nonrecoverable Threshold**

<b>Name</b>	coolingDeviceLowerNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.14
<b>Description</b>	Defines the value of the fan's lower nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BRead-onlyitRange
<b>Access</b>	Read-only

**Table 455. Cooling Device Cooling Unit Index Reference**

<b>Name</b>	coolingDevicecoolingUnitIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.15
<b>Description</b>	Defines the index for the associated system cooling unit in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 456. Cooling Device Subtype**

<b>Name</b>	coolingDeviceSubType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.16
<b>Description</b>	Defines the cooling device subtype.
<b>Syntax</b>	DellCoolingDeviceSubType ( <a href="#">Cooling Device Subtype</a> )
<b>Access</b>	Read-only

**Table 457. Cooling Device Probe Capabilities**

<b>Name</b>	coolingDeviceProbeCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.17



<b>Description</b>	Defines the probe capabilities of the cooling device.
<b>Syntax</b>	DellProbeCapabilities
<b>Access</b>	Read-only

**Table 458. Cooling Device Discrete Reading**

<b>Name</b>	coolingDeviceDiscreteReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.12.1.18
<b>Description</b>	Defines the reading for a voltage probe of type coolingDeviceSubTypelsDiscrete. When the value for coolingDeviceSubType is other than coolingDeviceSubTypelsDiscrete, a value is not returned for this attribute. When the value for coolingDeviceSubType is coolingDeviceSubTypelsDiscrete, the value returned for this attribute is the discrete reading for the cooling device.
<b>Syntax</b>	DellCoolingDeviceDiscreteReading ( <a href="#">Cooling Device Discrete Reading</a> )
<b>Access</b>	Read-only

## Temperature Probe Table

**Table 459. Temperature Probe Table**

<b>Name</b>	temperatureProbeTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20
<b>Description</b>	Defines the Temperature Probe Table.
<b>Syntax</b>	TemperatureProbeTableEntry
<b>Access</b>	Not accessible

**Table 460. Temperature Probe Table Entry**

<b>Name</b>	temperatureProbeTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1
<b>Description</b>	Defines the Temperature Probe Table entry.
<b>Syntax</b>	TemperatureProbeTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	temperatureProbechassisIndex , temperatureProbeIndex

**Table 461. Temperature Probe Chassis Index**

<b>Name</b>	temperatureProbechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 462. Temperature Probe Index**

**Name** temperatureProbeIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.2  
**Description** Defines the index of temperature probes in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 463. Temperature Probe State Capabilities**

**Name** temperatureProbeStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.3  
**Description** Defines the capabilities of the temperature probe.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 464. Temperature Probe State Settings**

**Name** temperatureProbeStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.4  
**Description** Defines the state and settings of the temperature probe.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 465. Temperature Probe Status**

**Name** temperatureProbeStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.5  
**Description** Defines the status of the temperature probe in tenths of degrees Celsius.  
**Syntax** DellStatusProbe  
**Access** Read-only

**Table 466. Temperature Probe Reading**

**Name** temperatureProbeReading  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.6  
**Description** Defines the value of the temperature probe.  
When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, a value is not returned for this attribute.  
**Syntax** DellSigned32BitRange

**Access** Read-only

**Table 467. Temperature Probe Type**

**Name** temperatureProbeType  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.7  
**Description** Defines the temperature probe type.  
**Syntax** DellTemperatureProbeType ([Temperature Probe Type](#))  
**Access** Read-only

**Table 468. Temperature Probe Location Name**

**Name** temperatureProbeLocationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.8  
**Description** Defines the location of the temperature probe in this chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 469. Temperature Probe Upper Nonrecoverable Threshold**

**Name** temperatureProbeUpperNonRecoverableThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.9  
**Description** Defines the value of the temperature probe's upper nonrecoverable threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 470. Temperature Probe Upper Critical Threshold**

**Name** temperatureProbeUpperCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.10  
**Description** Defines the value of the temperature probe's upper critical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 471. Temperature Probe Upper Noncritical Threshold**

**Name** temperatureProbeUpperNonCriticalThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.11  
**Description** Defines the user-assigned value of the temperature probe's upper noncritical threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-write

**Table 472. Temperature Probe Lower Noncritical Threshold**

<b>Name</b>	temperatureProbeLowerNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.12
<b>Description</b>	Defines the user-assigned value of the temperature probe's lower noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 473. Temperature Probe Lower Critical Threshold**

<b>Name</b>	temperatureProbeLowerCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.13
<b>Description</b>	Defines the value of the temperature probe's lower critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 474. Temperature Probe Lower Nonrecoverable Threshold**

<b>Name</b>	temperatureProbeLowerNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.14
<b>Description</b>	Defines the value of the temperature probe's lower nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 475. Temperature Probe Probe Capabilities**

<b>Name</b>	temperatureProbeProbeCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.15
<b>Description</b>	Defines the probe capabilities of the temperature probe.
<b>Syntax</b>	DellProbeCapabilities
<b>Access</b>	Read-only

**Table 476. Temperature Probe Discrete Reading**

<b>Name</b>	temperatureProbeDiscreteReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.16
<b>Description</b>	Defines the reading for a temperature probe of type temperatureProbeTypesDiscrete. When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, a value is not returned for this attribute. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.
<b>Syntax</b>	DellTemperatureDiscreteReading ( <a href="#">Temperature Probe Discrete Reading</a> )
<b>Access</b>	Read-only

# Thermal Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 477. Cooling Device Type**

**Variable Name:** DellCoolingDeviceType

**Data Type:** Integer

**Possible Data Values**

- coolingDeviceTypeIsOther (1)
- coolingDeviceTypeIsUnknown (2)
  
- coolingDeviceTypeIsAFan (3)
- coolingDeviceTypeIsABlower (4)
- coolingDeviceTypeIsAChipFan (5)
- coolingDeviceTypeIsACabinetFan (6)
- coolingDeviceTypeIsAPowerSupplyFan (7)
- coolingDeviceTypeIsAHeatPipe (8)
- coolingDeviceTypeIsRefrigeration (9)
- coolingDeviceTypeIsActiveCooling (10)
- coolingDeviceTypeIsPassiveCooling (11)

**Meaning of Data Value**

- The cooling device type is not one of the following:
- The cooling device type is unknown (not known or not monitored).
- The cooling device type is a fan.
- The cooling device type is a centrifugal blower.
- The cooling device type is a fan on an integrated circuit.
- The cooling device type is a cabinet fan.
- The cooling device type is a power supply fan.
- The cooling device type is a heat pipe.
- The cooling device type is an integrated refrigeration unit.
- The cooling device type is an active cooling device.
- The cooling device type is a passive cooling device.

**Table 478. Cooling Device Subtype**

**Variable Name:** DellCoolingDeviceSubType

**Data Type:** Integer

**Possible Data Values**

- coolingDeviceSubTypeIsOther (1)
- coolingDeviceSubTypeIsUnknown (2)
  
- coolingDeviceSubTypeIsAFanThatReadsInRPM (3)
- coolingDeviceSubTypeIsAFanReadsONorOFF (4)
- coolingDeviceSubTypeIsAPowerSupplyFanThatReadsinRPM (5)
- coolingDeviceSubTypeIsAPowerSupplyFanThatReads- ONorOFF (6)
- coolingDeviceSubTypeIsDiscrete (16)

**Meaning of Data Value**

- The cooling device subtype is not one of the following:
- The cooling device subtype is unknown (not known or not monitored).
- The cooling device subtype is a fan that reads in RPMs.
- The cooling device subtype is a fan that reads 0 (off) or 1 (on).
- The cooling device subtype is a power supply fan that reads in RPMs.
- The cooling device subtype is a power supply fan that reads 0 (off) or 1 (on).
- The cooling device subtype is a cooling device with discrete reading.

**Table 479. Cooling Device Discrete Reading**

**Variable Name:** DellCoolingDeviceDiscreteReading .

**Data Type:** Integer

**Possible Data Values**

coolingDeviceIsGood (1)

coolingDeviceIsBad (2)

**Meaning of Data Value**

The cooling device discrete reading is good.

The cooling device discrete reading is bad

**Table 480. Temperature Probe Type**

**Variable Name:** DellTemperatureProbeType

**Data Type:** Integer

**Possible Data Values**

temperatureProbeTypeIsOther (1)

temperatureProbeTypeIsUnknown (2)

temperatureProbeTypeIsAmbientESM (3)

temperatureProbeTypeIsDiscrete (16)

**Meaning of Data Value**

The temperature probe subtype is not one of the following:

The temperature probe subtype is unknown (not known or not monitored).

The temperature probe is for ambient Embedded Systems Management (ESM).

The temperature probe subtype is a temperature probe with discrete reading.

**Table 481. Temperature Probe Discrete Reading**

**Variable Name:** DellTemperatureDiscreteReading

**Data Type:** Integer

**Possible Data Values**

temperatureIsGood (1)

temperatureIsBad (2)

**Meaning of Data Value**

The temperature probe discrete reading is good.

The temperature probe discrete reading is bad.

# User Security Group

The User Security Table defines the objects that allow administrators to create and modify user accounts and to control which users can perform Set operations on managed systems.

## User Security Group Table

The User Security Group defines objects in the User Security MIB table.

The following object sets up the User Security Table:

**Table 482. User Security Table**

<b>Name</b>	<code>userSecurityTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.800</code>
<b>Description</b>	Contains the database of users that are authorized to perform Set operations on a managed system.
<b>Syntax</b>	<code>UserSecurityTableEntry</code>
<b>Access</b>	Not accessible

**Table 483. User Security Table Entry**

<b>Name</b>	<code>userSecurityTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.800.1</code>
<b>Description</b>	Defines a row in the User Security Table.
<b>Syntax</b>	<code>UserSecurityTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>userSecuritychassisIndex</code> , <code>userSecurityIndex</code>

**Table 484. User Security Chassis Index**

<b>Name</b>	<code>userSecuritychassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.800.1.1</code>
<b>Description</b>	Defines the user security index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 485. User Security Index**

<b>Name</b>	userSecurityIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.800.1.2
<b>Description</b>	Defines the user security index.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 486. User Security User Name**

<b>Name</b>	userSecurityUserName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.800.1.3
<b>Description</b>	Defines the user security user name.
<b>Syntax</b>	DellSecurityString
<b>Access</b>	Read-only

**Table 487. User Security Control Name**

<b>Name</b>	userSecurityControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.800.1.4
<b>Description</b>	Defines a control name used for creating, deleting, and editing users.
<b>Syntax</b>	DellSecurityString
<b>Access</b>	Read-write

**Table 488. User Security Request Name**

<b>Name</b>	userSecurityRequestName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.800.1.5
<b>Description</b>	Defines a request name used for creating, deleting, and editing users.
<b>Syntax</b>	DellSecurityString
<b>Access</b>	Read-write



## Remote Flash BIOS Group

The Remote Flash Basic Input/Output System (BIOS) Table defines the variables used to remotely update the BIOS in a system. The variables also define the capabilities of BIOS updates on the system.

### Remote Flash BIOS Group Table

The Remote Flash BIOS Group defines objects in the Remote Flash BIOS MIB table.

#### Remote Flash BIOS Table

The following object sets up the Remote Flash BIOS Table:

**Table 489. Remote Flash BIOS Table**

<b>Name</b>	<code>remoteFlashBIOSTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10
<b>Description</b>	Defines the Remote Flash BIOS Table.
<b>Syntax</b>	<code>RemoteFlashBIOSTableEntry</code>
<b>Access</b>	Not accessible

**Table 490. Remote Flash BIOS Table Entry**

<b>Name</b>	<code>remoteFlashBIOSTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1
<b>Description</b>	Defines the Remote Flash BIOS Table entry.
<b>Syntax</b>	<code>RemoteFlashBIOSTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>remoteFlashBIOSchassisIndex</code> , <code>remoteFlashBIOSIndex</code>

**Table 491. Remote Flash BIOS Chassis Index**

<b>Name</b>	<code>remoteFlashBIOSchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 492. Remote Flash BIOS Index**

<b>Name</b>	remoteFlashBIOSIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.2
<b>Description</b>	Defines the index to the remote BIOS update hardware on this system.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 493. Remote Flash BIOS State Capabilities Unique**

<b>Name</b>	remoteFlashBIOSStateCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.3
<b>Description</b>	Defines the capabilities of the remote BIOS update hardware on this system.
<b>Syntax</b>	DellRemoteFlashBIOSStateCapabilitiesUnique ( <a href="#">Remote Flash BIOS State Capabilities Unique</a> )
<b>Access</b>	Read-only

**Table 494. Remote Flash BIOS State Settings Unique**

<b>Name</b>	remoteFlashBIOSStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.4
<b>Description</b>	Defines the state and settings of the remote BIOS update hardware on this system.
<b>Syntax</b>	DellRemoteFlashBIOSStateSettingsUnique ( <a href="#">Remote Flash BIOS State Settings</a> )
<b>Access</b>	Read-write

**Table 495. Remote Flash BIOS Status**

<b>Name</b>	remoteFlashBIOSStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.5
<b>Description</b>	Defines the status of the remote BIOS update hardware on this system.
<b>Syntax</b>	DellRemoteFlashBIOSStateStatus
<b>Access</b>	Read-only

**Table 496. Remote Flash BIOS Last BIOS Date Name**

<b>Name</b>	remoteFlashBIOSLastBIOSDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.6
<b>Description</b>	Defines the date of the last BIOS update.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-only

**Table 497. Remote Flash BIOS Completion Code**

<b>Name</b>	remoteFlashBIOSCompletionCode
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.7
<b>Description</b>	Defines the completion code of the last BIOS update.
<b>Syntax</b>	DellRemoteFlashBIOSCompletionCode ( <a href="#">Remote Flash BIOS Completion Code</a> )
<b>Access</b>	Read-only

**Table 498. Remote Flash BIOS Minimum Contiguous Memory**

<b>Name</b>	remoteFlashBIOSMinimumContiguousMemory
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.900.10.1.8
<b>Description</b>	Defines the minimum size of contiguous memory required for remote BIOS update in kilobytes.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

## Remote Flash BIOS Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 499. Remote Flash BIOS State Capabilities Unique**

**Variable Name:** DellRemoteFlashBIOSStateCapabilitiesUnique

**Data Type:** Integer

### Possible Data Values

unknown (1)

enableCapable (2)

notReadyCapable (4)

cancelCapable (8)

enableAndCancelCapable (10)

### Meaning of Data Value

The remote flash BIOS's capabilities are unknown.

The remote flash BIOS can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The remote flash BIOS can be set to indicate not ready.

Flash of BIOS can be canceled.

Flash of BIOS can be enabled or canceled.

**Table 500. Remote Flash BIOS State Settings**

**Variable Name:** DellRemoteFlashBIOSStateSettingsUnique

**Data Type:** Integer

### Possible Data Values

unknown (1)

enabled (2)

notReady (4)

### Meaning of Data Value

The remote flash BIOS's capabilities are unknown.

The remote flash BIOS update is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The remote flash BIOS's state is not ready.

canceled (8)	The remote flash BIOS has been canceled.
pending (16)	The remote flash BIOS update is pending.
other (32)	The remote flash BIOS state/setting is not one of the previous values.

**Table 501. Remote Flash BIOS Completion Code**

**Variable Name:** DellRemoteFlashBIOSCompletionCode

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

completionCodeIsOther (1)	The completion code status is not one of the following:
completionCodeIsUnknown (2)	The completion code is unknown (not known or not monitored).
completionCodeIsOK (3)	This completion code completed successfully.
completionCodeIsBadImage (4)	This completion code is a bad flash BIOS image.
completionCodeIsNoFileAccess (5)	Flash BIOS could not be accessed.
completionCodeIsNotReady (6)	Flash BIOS memory not ready.
completionCodeIsDisabled (7)	Flash BIOS is currently disabled.
completionCodeIsNoBattery (8)	A battery must be installed.
completionCodeIsNoChargedBattery (9)	A fully charged battery must be installed.
completionCodeIsNoExternalPower (10)	An external power adapter must be connected.
completionCodeIsNo12VoltSet (11)	12 volts (V) could not be set.
completionCodeIsNo12VoltRemoval (12)	12 V could not be removed.
completionCodeIsFlashMemoryFailed (13)	A flash memory failure occurred.
completionCodeIsGeneralFailure (14)	A general failure occurred.
completionCodeIsDataMiscompare (15)	A data miscompare error occurred.
completionCodeIsNoImageFound (16)	The flash BIOS image could not be found in memory.
completionCodeIsNoUpdatePerformed (17)	No update operation has been performed.

# Port Group

The Port Group provides information about the different types of ports that may be present in your system. This management information base (MIB) group also provides information about the capabilities, states, and settings that are possible for each port.

## Port Group Tables

The following MIB tables define objects in the Port Group:

- [Pointing Port Table](#)
- [Keyboard Port Table](#)
- [Processor Port Table](#)
- [Memory Device Port Table](#)
- [Monitor Port Table](#)
- [Small Computer System Interface \(SCSI\) Port Table](#)
- [Parallel Port Table](#)
- [Serial Port Table](#)
- [Universal Serial Bus \(USB\) Port Table](#)

### Pointing Port Table

**Table 502. Pointing Port Table**

<b>Name</b>	<code>pointingPortTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10
<b>Description</b>	Defines the Pointing Port Table.
<b>Syntax</b>	IntegerPointingPortTableEntry
<b>Access</b>	Not accessible

**Table 503. Pointing Port Table Entry**

<b>Name</b>	<code>pointingPortTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.1
<b>Description</b>	Defines the Pointing Port Table entry.
<b>Syntax</b>	PointingPortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>pointingPortchassisIndex</code>

,  
pointingPortIndex

**Table 504. Pointing Port Chassis Index**

<b>Name</b>	pointingPortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 505. Pointing Port Index**

<b>Name</b>	pointingPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.1.2
<b>Description</b>	Defines the index of the pointing ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 506. Pointing Port State Capabilities**

<b>Name</b>	pointingPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.3
<b>Description</b>	Defines the capabilities of the pointing port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 507. Pointing Port State Settings**

<b>Name</b>	pointingPortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.4
<b>Description</b>	Defines the state and settings of the pointing port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 508. Pointing Port Status**

<b>Name</b>	pointingPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.10.5
<b>Description</b>	Defines the status of the pointing port.
<b>Syntax</b>	DellStatus

**Access** Read-only

**Table 509. Pointing Port Security State**

**Name** pointingPortSecurityState  
**Object ID** 1.3.6.1.4.1.674.10892.1.1000.10.6  
**Description** Defines the security settings of the pointing port.  
**Syntax** DellPortSecurityState  
**Access** Read-only

**Table 510. Pointing Port Connector Type**

**Name** pointingPortConnectorType  
**Object ID** 1.3.6.1.4.1.674.10892.1.1000.10.7  
**Description** Defines the connector type of the pointing port.  
**Syntax** DellPointingPortConnectorType (See [Pointing Port Connector Type](#))  
**Access** Read-only

**Table 511. Pointing Port Name**

**Name** pointingPortName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1000.10.8  
**Description** Defines the name of the pointing port.  
**Syntax** DellString  
**Access** Read-only

**Table 512. Pointing Port BIOS Connector Type**

**Name** pointingPortBIOSConnectorType  
**Object ID** 1.3.6.1.4.1.674.10892.1.1000.10.9  
**Description** Defines the basic input/output system (BIOS) connector type of the pointing port.  
**Syntax** DellGenericPortConnectorType  
**Access** Read-only

## Keyboard Port Table

**Table 513. Keyboard Port Table**

**Name** keyboardPortTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.1000.20  
**Description** Defines the Keyboard Port Table.

<b>Syntax</b>	IntegerKeyboardPortTableEntry
<b>Access</b>	Not accessible

**Table 514. Keyboard Port Table Entry**

<b>Name</b>	keyboardPortTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1
<b>Description</b>	Defines the Keyboard Port Table entry.
<b>Syntax</b>	KeyboardPortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	keyboardPortchassisIndex , keyboardPortIndex

**Table 515. Keyboard Port Chassis Index**

<b>Name</b>	keyboardPortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 516. Keyboard Port Index**

<b>Name</b>	keyboardPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.2
<b>Description</b>	Defines the index of the keyboard ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 517. Keyboard Port State Capabilities**

<b>Name</b>	keyboardPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.3
<b>Description</b>	Defines the capabilities of the keyboard port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only



**Table 518. Keyboard Port State Settings**

<b>Name</b>	keyboardPortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.4
<b>Description</b>	Defines the state and settings of the keyboard port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 519. Keyboard Port Status**

<b>Name</b>	keyboardPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.5
<b>Description</b>	Defines the status of the keyboard port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 520. Keyboard Port Security State**

<b>Name</b>	keyboardPortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.6
<b>Description</b>	Defines the security settings of the keyboard port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only

**Table 521. Keyboard Port Connector Type**

<b>Name</b>	keyboardPortConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.7
<b>Description</b>	Defines the connector type of the keyboard port.
<b>Syntax</b>	DellKeyboardPortConnectorType (See <a href="#">Keyboard Port Connector Types</a> )
<b>Access</b>	Read-only

**Table 522. Keyboard Port Name**

<b>Name</b>	keyboardPortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.8
<b>Description</b>	Defines the name of the keyboard port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 523. Keyboard Port BIOS Connector Type**

<b>Name</b>	<code>keyboardPortBIOSConnectorType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.20.1.9
<b>Description</b>	Defines the BIOS connector type of the keyboard port.
<b>Syntax</b>	<code>DellGenericPortConnectorType</code>
<b>Access</b>	Read-only

## Processor Port Table

**Table 524. Processor Port Table**

<b>Name</b>	<code>processorPortTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30
<b>Description</b>	Defines the Processor Port Table.
<b>Syntax</b>	<code>IntegerProcessorPortTableEntry</code>
<b>Access</b>	Not accessible

**Table 525. Processor Port Table Entry**

<b>Name</b>	<code>processorPortTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1
<b>Description</b>	Defines the Processor Port Table entry.
<b>Syntax</b>	<code>ProcessorPortTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>processorPortchassisIndex</code> , <code>processorPortIndex</code>

**Table 526. Processor Port Chassis Index**

<b>Name</b>	<code>processorPortchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 527. Processor Port Index**

<b>Name</b>	<code>processorPortIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.2

<b>Description</b>	Defines the index of the processor ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 528. Processor Port State Capabilities**

<b>Name</b>	processorPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.3
<b>Description</b>	Defines the capabilities of the processor port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 529. Processor Port State Settings**

<b>Name</b>	processorPortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.4
<b>Description</b>	Defines the state and settings of the processor port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 530. Processor Port Status**

<b>Name</b>	processorPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.5
<b>Description</b>	Defines the status of the processor port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 531. Processor Port Security State**

<b>Name</b>	processorPortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.6
<b>Description</b>	Defines the security settings of the processor port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only

**Table 532. Processor Port Connector Type**

<b>Name</b>	processorPortConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.7
<b>Description</b>	Defines the connector type of the processor port.

<b>Syntax</b>	DellProcessorPortConnectorType (See <a href="#">Processor Port Connector Types</a> )
<b>Access</b>	Read-only

**Table 533. Processor Port Name**

<b>Name</b>	processorPortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.8
<b>Description</b>	Defines name of the processor port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 534. Processor Port BIOS Connector Type**

<b>Name</b>	processorPortBIOSConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.30.1.9
<b>Description</b>	Defines the BIOS connector type of the processor port.
<b>Syntax</b>	DellGenericPortConnectorType
<b>Access</b>	Read-only

## Memory Device Port Table

**Table 535. Memory Device Port Table**

<b>Name</b>	memoryDevicePortTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40
<b>Description</b>	Defines the Memory Device Port Table.
<b>Syntax</b>	IntegerMemoryDevicePortTableEntry
<b>Access</b>	Not accessible

**Table 536. Memory Device Port Table Entry**

<b>Name</b>	memoryDevicePortTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1
<b>Description</b>	Defines the Memory Device Port Table entry.
<b>Syntax</b>	MemoryDevicePortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	memoryDevicePortchassisIndex , memoryDevicePortIndex

**Table 537. Memory Device Port Chassis Index**

<b>Name</b>	memoryDevicePortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 538. Memory Device Port Index**

<b>Name</b>	memoryDevicePortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.2
<b>Description</b>	Defines the index of the memory device port in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 539. Memory Device Port State Capabilities**

<b>Name</b>	memoryDevicePortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.3
<b>Description</b>	Defines the capabilities of the memory device port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 540. Memory Device Port State Settings**

<b>Name</b>	memoryDevicePortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.4
<b>Description</b>	Defines the state and settings of the memory device port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 541. Memory Device Port Status**

<b>Name</b>	memoryDevicePortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.5
<b>Description</b>	Defines the status of the memory device port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 542. Memory Device Port Security State**

<b>Name</b>	memoryDevicePortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.6
<b>Description</b>	Defines the security settings of the memory device port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only

**Table 543. Memory Device Port Connector Type**

<b>Name</b>	memoryDevicePortConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.7
<b>Description</b>	Defines the connector type of the memory device port.
<b>Syntax</b>	DellMemoryDevicePortConnectorType (See <a href="#">Memory Device Port Connector Types</a> )
<b>Access</b>	Read-only

**Table 544. Memory Device Port Name**

<b>Name</b>	memoryDevicePortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.8
<b>Description</b>	Defines the name of the memory device port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 545. Memory Device Port BIOS Connector Type**

<b>Name</b>	memoryDevicePortBIOSConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.9
<b>Description</b>	Defines the BIOS connector type of the memory device port.
<b>Syntax</b>	DellGenericPortConnectorType
<b>Access</b>	Read-only

**Table 546. Memory Device Port Physical Memory Array Index Reference**

<b>Name</b>	memoryDevicePortPhysicalMemoryArrayIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.40.1.10
<b>Description</b>	Defines the index to the associated physical memory array.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 547. Memory Device Port Physical Memory Card Index Reference**

<b>Name</b>	<code>memoryDevicePortPhysicalMemoryCardIndexReference</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.40.1.11</code>
<b>Description</b>	Defines the index (one-based) of the Physical Memory Card Table entry for the physical memory card with the same chassis index that this memory device port is associated with (if any).
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-only

## Monitor Port Table

**Table 548. Monitor Port Table**

<b>Name</b>	<code>monitorPortTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.50</code>
<b>Description</b>	Defines the Monitor Port Table.
<b>Syntax</b>	<code>IntegerMonitorPortTableEntry</code>
<b>Access</b>	Not accessible

**Table 549. Monitor Port Table Entry**

<b>Name</b>	<code>monitorPortTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.50.1</code>
<b>Description</b>	Defines the Monitor Port Table entry.
<b>Syntax</b>	<code>MonitorPortTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>monitorPortchassisIndex</code> , <code>monitorPortIndex</code>

**Table 550. Monitor Port Chassis Index**

<b>Name</b>	<code>monitorPortchassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.50.1.1</code>
<b>Description</b>	Defines the index (one-based) of this chassis
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 551. Monitor Port Index**

<b>Name</b>	monitorPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.2
<b>Description</b>	Defines the index of the monitor ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 552. Monitor Port State Capabilities**

<b>Name</b>	monitorPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.3
<b>Description</b>	Defines the capabilities of the monitor port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 553. Monitor Port State Settings**

<b>Name</b>	monitorPortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.4
<b>Description</b>	Defines the state of the monitor port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 554. Monitor Port Status**

<b>Name</b>	monitorPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.5
<b>Description</b>	Defines the status of the monitor port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 555. Monitor Port Security State**

<b>Name</b>	monitorPortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.6
<b>Description</b>	Defines the security settings of the monitor port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only



**Table 556. Monitor Port Connector Type**

<b>Name</b>	<code>monitorPortConnectorType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.7
<b>Description</b>	Defines the connector type of the monitor port.
<b>Syntax</b>	DellMonitorPortConnectorTypes (See <a href="#">Monitor Port Connector Types</a> )
<b>Access</b>	Read-only

**Table 557. Monitor Port Name**

<b>Name</b>	<code>monitorPortName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.8
<b>Description</b>	Defines the name of the monitor port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 558. Monitor Port BIOS Connector Type**

<b>Name</b>	<code>monitorPortBIOSConnectorType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.50.1.9
<b>Description</b>	Defines the name of the BIOS connector type of the monitor port.
<b>Syntax</b>	DellGenericPortConnectorType
<b>Access</b>	Read-only

## Small Computer System Interface (SCSI) Port Table

**Table 559. Small Computer System Interface (SCSI) Port Table**

<b>Name</b>	<code>sCSIPortTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60
<b>Description</b>	Defines the SCSI Port Table.
<b>Syntax</b>	IntegerSCSIPortTableEntry
<b>Access</b>	Not accessible

**Table 560. SCSI Port Table Entry**

<b>Name</b>	<code>sCSIPortTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1
<b>Description</b>	Defines the SCSI Port Table entry.
<b>Syntax</b>	SCSIPortTableEntry
<b>Access</b>	Not accessible

<b>Index</b>	sCSIPortchassisIndex , sCSIPortIndex
--------------	--

**Table 561. SCSI Port Chassis Index**

<b>Name</b>	sCSIPortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.1
<b>Description</b>	Defines the index (one-based) of this chassis
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 562. SCSI Port Index**

<b>Name</b>	sCSIPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.2
<b>Description</b>	Defines the index of the SCSI ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 563. SCSI Port State Capabilities**

<b>Name</b>	sCSIPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.3
<b>Description</b>	Defines the capabilities of the SCSI port.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 564. SCSI Port State Settings**

<b>Name</b>	DellStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.4
<b>Description</b>	Defines the state and settings of the SCSI port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-write

**Table 565. SCSI Port Status**

<b>Name</b>	sCSIPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.5
<b>Description</b>	Defines the status of the SCSI port.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 566. SCSI Port Security State**

<b>Name</b>	sCSIPortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.6
<b>Description</b>	Defines the security settings of the SCSI port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only

**Table 567. SCSI Port Connector Type**

<b>Name</b>	sCSIPortConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.7
<b>Description</b>	Defines the connector type of the SCSI port.
<b>Syntax</b>	DellSCSIPortConnectorType (See <a href="#">SCSI Port Connector Types</a> )
<b>Access</b>	Read-only

**Table 568. SCSI Port Name**

<b>Name</b>	sCSIPortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.8
<b>Description</b>	Defines the name of the SCSI port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 569. SCSI Port BIOS Connector Type**

<b>Name</b>	sCSIPortBIOSConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.60.1.9
<b>Description</b>	Defines the BIOS connector type of the SCSI port.
<b>Syntax</b>	DellGenericPortConnectorType
<b>Access</b>	Read-only

## Parallel Port Table

**Table 570. Parallel Port Table**

<b>Name</b>	parallelPortTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70

<b>Description</b>	Defines the Parallel Port Table.
<b>Syntax</b>	IntegerParallelPortTableEntry
<b>Access</b>	Not accessible

**Table 571. Parallel Port Table Entry**

<b>Name</b>	parallelPortTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1
<b>Description</b>	Defines the Parallel Port Table entry.
<b>Syntax</b>	ParallelPortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	parallelPortchassisIndex , parallelPortIndex

**Table 572. Parallel Port Chassis Index**

<b>Name</b>	parallelPortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 573. Parallel Port Index**

<b>Name</b>	parallelPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.2
<b>Description</b>	Defines the index of the parallel ports in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 574. Parallel Port State Capabilities**

<b>Name</b>	parallelPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.3
<b>Description</b>	Defines the capabilities of the parallel port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 575. Parallel Port State Settings**

<b>Name</b>	<code>parallelPortStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.4
<b>Description</b>	Defines the state and settings of the parallel port.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-write

**Table 576. Parallel Port Status**

<b>Name</b>	<code>parallelPortStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.5
<b>Description</b>	Defines the status of the parallel port.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 577. Parallel Port Security State**

<b>Name</b>	<code>DellPortSecurityState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.6
<b>Description</b>	Defines the security state of the parallel port.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 578. Parallel Port Connector Type**

<b>Name</b>	<code>parallelPortConnectorType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.7
<b>Description</b>	Defines the connector type of the parallel port.
<b>Syntax</b>	<code>DellParallelPortConnectorType</code>
<b>Access</b>	Read-only

**Table 579. Parallel Port Name**

<b>Name</b>	<code>parallelPortName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.8
<b>Description</b>	Defines the name of the parallel port.
<b>Syntax</b>	<code>DellString</code>
<b>Access</b>	Read-only

**Table 580. Parallel Port Connector Pin Out**

<b>Name</b>	parallelPortConnectorPinOut
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.9
<b>Description</b>	Defines the pinout of the parallel port.
<b>Syntax</b>	DellParallelPortConnectorPinout
<b>Access</b>	Read-only

**Table 581. Parallel Port Capabilities Unique**

<b>Name</b>	parallelPortCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.10
<b>Description</b>	Defines the capabilities of the parallel port.
<b>Syntax</b>	DellParallelPortConnectorPinout
<b>Access</b>	Read-only

**Table 582. Parallel Port Base I/O Address**

<b>Name</b>	parallelPortBaseIOAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.11
<b>Description</b>	Defines the Base Input/Output (I/O) address of the parallel port.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 583. Parallel Port IRQ Level**

<b>Name</b>	parallelPortIRQLevel
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.12
<b>Description</b>	Defines the Interrupt Request Level (IRQ) of the parallel port.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

**Table 584. Parallel Port DMA Support**

<b>Name</b>	parallelPortDMASupport
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.70.1.13
<b>Description</b>	Defines if direct memory access (DMA) is supported by the parallel port.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

## Serial Port Table

**Table 585. Serial Port**

<b>Name</b>	<code>serialPortTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.80</code>
<b>Description</b>	Defines the Serial Port Table.
<b>Syntax</b>	<code>IntegerSerialPortTableEntry</code>
<b>Access</b>	Not accessible

**Table 586. Serial Port Table Entry**

<b>Name</b>	<code>serialPortTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.80.1</code>
<b>Description</b>	Defines the Serial Port Table entry.
<b>Syntax</b>	<code>SerialPortTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>serialPortchassisIndex</code> , <code>serialPortIndex</code>

**Table 587. Serial Port Chassis Index**

<b>Name</b>	<code>serialPortchassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.80.1.1</code>
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 588. Serial Port Index**

<b>Name</b>	<code>serialPortIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1000.80.1.2</code>
<b>Description</b>	Defines the index of the serial ports in this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 589. Serial Port State Capabilities**

<b>Name</b>	<code>serialPortStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.3
<b>Description</b>	Defines the capabilities of the serial port.
<b>Syntax</b>	<code>DellStateCapabilities</code>
<b>Access</b>	Read-only

**Table 590. Serial Port State Settings**

<b>Name</b>	<code>serialPortStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.4
<b>Description</b>	Defines the state and settings of the serial port.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-write

**Table 591. Serial Port Status**

<b>Name</b>	<code>serialPortStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.5
<b>Description</b>	Defines the status of the serial port.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 592. Serial Port Security State**

<b>Name</b>	<code>serialPortSecurityState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.6
<b>Description</b>	Defines the security settings of the serial port.
<b>Syntax</b>	<code>DellPortSecurityState</code>
<b>Access</b>	Read-only

**Table 593. Serial Port Connector Type**

<b>Name</b>	<code>serialPortConnectorType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.7
<b>Description</b>	Defines connector type of the serial port.
<b>Syntax</b>	<code>DellSerialPortConnectorType</code>
<b>Access</b>	Read-only



**Table 594. Serial Port Name**

<b>Name</b>	<code>serialPortName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.8
<b>Description</b>	Defines the name of the serial port.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 595. Serial Port Maximum Speed**

<b>Name</b>	<code>serialPortMaximumSpeed</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.9
<b>Description</b>	Defines the maximum speed the serial interface can support in bits per second (bps).
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 596. Serial Port Capabilities Unique**

<b>Name</b>	<code>serialPortCapabilitiesUnique</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.10
<b>Description</b>	Defines additional capabilities of the serial port.
<b>Syntax</b>	DellSerialPortCapabilitiesUnique
<b>Access</b>	Read-only

**Table 597. Serial Port Base I/O Address**

<b>Name</b>	<code>serialPortBaseIOAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.11
<b>Description</b>	Defines the base I/O address of the serial port.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 598. Serial Port IRQ Level**

<b>Name</b>	<code>serialPortIRQLevel</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.80.1.12
<b>Description</b>	Defines the IRQ of the serial port.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

## Universal Serial Bus (USB) Port Table

**Table 599. Universal Serial Bus (USB) Port**

<b>Name</b>	uSBPortTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90
<b>Description</b>	Defines the USB Port Table.
<b>Syntax</b>	IntegerUSBPortTableEntry
<b>Access</b>	Not accessible

**Table 600. USB Port Table Entry**

<b>Name</b>	uSBPortTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1
<b>Description</b>	Defines the USB Port Table entry.
<b>Syntax</b>	USBPortTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	uSBPortchassisIndex , uSBPortIndex

**Table 601. USB Port Chassis Index**

<b>Name</b>	uSBPortchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 602. USB Port Index**

<b>Name</b>	uSBPortIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.2
<b>Description</b>	Defines the index of the USB ports in this chassis
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 603. USB Port State Capabilities**

<b>Name</b>	uSBPortStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.3
<b>Description</b>	Defines the capabilities of the USB port.

<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 604. USB Port State Settings**

<b>Name</b>	uSBPortStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.4
<b>Description</b>	Defines the state and settings of the USB port.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 605. USB Port Status**

<b>Name</b>	uSBPortStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.5
<b>Description</b>	Defines the state of the USB port.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 606. USB Port Security State**

<b>Name</b>	uSBPortSecurityState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.6
<b>Description</b>	Defines the security settings of the USB port.
<b>Syntax</b>	DellPortSecurityState
<b>Access</b>	Read-only

**Table 607. USB Port Connector Type**

<b>Name</b>	uSBPortConnectorType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.7
<b>Description</b>	Defines the connector type of the USB port.
<b>Syntax</b>	DellUSBPortConnectorType
<b>Access</b>	Read-only

**Table 608. USB Port Name**

<b>Name</b>	uSBPortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1000.90.1.8
<b>Description</b>	Defines the name of the USB port.
<b>Syntax</b>	DellString

**Access**

Read-only

## Port Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 609. Pointing Port Connector Type**

**Variable Name:** DellPointingPortConnectorType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
connectorPortTypeIsOther (1)	The pointing port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The pointing port connector type is unknown.
connectorPortTypeIsSerial (3)	The pointing port connector type is serial.
connectorPortTypeIsPS2 (4)	The pointing port connector type is a Personal System/2 (PS/2).
connectorPortTypeIsInfrared (5)	The pointing port connector type is infrared.
connectorPortTypeIsHPHIL (6)	The pointing port connector type is HP-HIL.
connectorPortTypeIsBusMouse (7)	The pointing port connector type is a bus mouse.
connectorPortTypeIsADB (8)	The pointing port connector type is ADB.
connectorPortTypeIsDB9 (9)	The pointing port connector type is nine-pin DB-9.
connectorPortTypeIsMicroDIN (10)	The pointing port connector type is micro Deutsche Industrie Norm (DIN).
connectorPortTypeIsAccessBusUSB (11)	The pointing port connector type is Access Bus USB.
connectorPortTypeIsPC98 (12)	The port connector type is a PC-98.

**Table 610. Keyboard Port Connector Types**

**Variable Name:** DellKeyboardPortConnectorType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
connectorPortTypeIsOther (1)	The keyboard port connector type is not one of the following:

connectorPortTypeIsUnknown (2)	The keyboard port connector type is unknown.
connectorPortTypeIsMiniDIN (3)	The keyboard port connector type is a mini DIN.
connectorPortTypeIsMicroDIN (4)	The keyboard port connector type is a MicroDIN.
connectorPortTypeIsPS2 (5)	The keyboard port connector type is PS/2.
connectorPortTypeIsInfrared (6)	The keyboard port connector type is infrared.
connectorPortTypeIsHPHIL (7)	The keyboard port connector type is HP-HIL.
connectorPortTypeIsDB9 (8)	The keyboard port connector type is DB-9.
connectorPortTypeIsAccessBusUSB (9)	The keyboard port connector type is bus USB.
connectorPortTypeIsPC98 (10)	The keyboard port connector type is PC-98.

**Table 611. Processor Port Connector Types**

**Variable Name :** DellProcessorPortConnectorType

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

connectorPortTypeIsOther (1)	The processor port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The processor port connector type is unknown.
connectorPortTypeIsDaughterdBoard (3)	The processor port connector type is a daughter board.
connectorPortTypeIsZIFSocket (4)	The processor port connector type is a zero insertion force (ZIF) socket.
connectorPortTypeIsAPiggyBackBoard (5)	The processor port connector type is a replacement piggyback board.
connectorPortTypeIsNone (6)	There is no processor port connector; processor is soldered in place.
connectorPortTypeIsLIFSocket (7)	The processor port connector type is a low insertion force (LIF) socket.
connectorPortTypeIsSlot1 (8)	The processor port connector type is a slot one.
connectorPortTypeIsSlot2 (9)	The processor port connector type is a slot two.
connectorPortTypeIs370PinSocket (10)	The processor port connector type is a 370 pin socket.

**Table 612. Memory Device Port Connector Types**

**Variable Name :** DellMemoryDevicePortConnectorType

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

connectorPortTypeIsOther (1)	The memory device port connector type is not one of the following:
connectorPortTypeIsUnknown (2)	The memory device port connector type is unknown.

connectorPortTypeIsSIMM (3)	The memory device port connector type is a single in-line memory module (SIMM).
connectorPortTypeIsSIP (4)	The memory device port connector type is a SIP.
connectorPortTypeIsAChip (5)	The memory device port connector type is a chip.
connectorPortTypeIsDIP (6)	The memory device port connector type is a dual in-line package (DIP).
connectorPortTypeIsZIP (7)	The memory device port connector type is a ZIP.
connectorPortTypeIsAProprietaryCard (8)	The memory device port connector type is a proprietary card.
connectorPortTypeIsDIMM (9)	The memory device port connector type is a dual in-line memory module (DIMM).
connectorPortTypeIsTSOP (10)	The memory device port connector type is a TSOP.
connectorPortTypeIsARowOfChips (11)	The memory device port connector type is a row of chips.
connectorPortTypeIsRIMM (12)	The memory device port connector type is a Rambus Inline Memory Module (RIMM).
connectorPortTypeIsSODIMM (13)	The memory device port connector type is a small outline, dual in-line memory module (SODIMM).
connectorPortTypeIsSRIMM (14)	The memory device port connector type is a SRIMM.

**Table 613. Monitor Port Connector Types**

**Variable Name :** DellMonitorPortConnectorType

**Data Type:** Integer

**Possible Data Values**

connectorPortTypeIsOther (1)
connectorPortTypeIsUnknown (2)
connectorPortTypeIsDB15PinMale (3)
connectorPortTypeIsDB15PinFemale (4)

**Meaning of Data Value**

The monitor port connector type is not one of the following:
The monitor port connector type is unknown.
The monitor port connector type is a male DB-15.
The monitor port connector type is a female DB-15.

**Table 614. SCSI Port Connector Types**

**Variable Name :** DellSCSIPortConnectorType

**Data Type:** Integer

**Possible Data Values**

connectorPortTypeIsOther (1)
connectorPortTypeIsUnknown (2)
connectorPortTypeIsDIN25pin (3)
connectorPortTypeIsDIN50pin (4)

**Meaning of Data Value**

The SCSI port connector type is not one of the following:
The SCSI port connector type is unknown.
The SCSI port connector type is a DIN 25-pin.
The SCSI port connector type is a DIN 50-pin.

connectorPortTypeIsDIN68pin (5)

The SCSI port connector type is a DIN 68-pin.





# Device Group

The Device Group defines information about the devices discovered on the system during an inventory scan. Identifying information includes the Component ID, the Device ID, and the Vendor ID.

## Device Tables

The following management information base (MIB) tables define objects in the Device Group:

- [Pointing Device Table](#)
- [Keyboard Device Table](#)
- [Processor Device Table](#)
- [Processor Device Status Table](#)
- [Cache Device Table](#)
- [Memory Device Table](#)
- [Memory Device Mapped Address Table](#)
- [Generic Device Table](#)
- [PCI Device Table](#)
- [PCI Device Configuration Space Table](#)
- [Network Device Table](#)
- [Managed System Services Device Table](#)
- [SD Card Unit Table](#)
- [SD Card Device Table](#)

## Pointing Device Table

**Table 615. Pointing Device Table**

<b>Name</b>	pointingDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10
<b>Description</b>	Defines the Pointing Device Table. This group of objects references the Pointing Port Index ( <a href="#">Pointing Port Index</a> ).
<b>Syntax</b>	SEQUENCE OF PointingDeviceTableEntry
<b>Access</b>	Not accessible

**Table 616. Pointing Device Table Entry**

<b>Name</b>	pointingDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1
<b>Description</b>	Defines the Pointing Device Table entry.

<b>Syntax</b>	PointingDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	pointingDevicechassisIndex , pointingDeviceIndex

**Table 617. Pointing Device Chassis Index**

<b>Name</b>	pointingDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 618. Pointing Device Index**

<b>Name</b>	pointingDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.2
<b>Description</b>	Defines the index of the pointing device in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 619. Pointing Device State Capabilities**

<b>Name</b>	pointingDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.3
<b>Description</b>	Defines the capabilities of the pointing device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 620. Pointing Device State Settings**

<b>Name</b>	pointingDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.4
<b>Description</b>	Defines the state of the pointing device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 621. Pointing Device Status**

<b>Name</b>	pointingDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.5
<b>Description</b>	Defines the status of the pointing device.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 622. Pointing Port Index Reference**

<b>Name</b>	pointingPortIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.6
<b>Description</b>	Defines the index to the pointing port in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 623. Pointing Device Type**

<b>Name</b>	pointingDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.7
<b>Description</b>	Defines the type of the pointing device.
<b>Syntax</b>	DellPointingDeviceType (See <a href="#">Pointing Device Type</a> )
<b>Access</b>	Read-only

**Table 624. Pointing Device Number of Buttons**

<b>Name</b>	pointingDeviceNumberOfButtons
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.10.1.8
<b>Description</b>	Defines the number of buttons on the pointing device.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

## Keyboard Device Table

**Table 625. Keyboard Device Table**

<b>Name</b>	keyboardDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20
<b>Description</b>	Defines the Keyboard Device Table. This table references the Keyboard Port Index ( <a href="#">Keyboard Port Index</a> ).
<b>Syntax</b>	SEQUENCE OF KeyboardDeviceTableEntry
<b>Access</b>	Not accessible

**Table 626. Keyboard Device Table Entry**

<b>Name</b>	keyboardDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1
<b>Description</b>	Defines the Keyboard Device Table entry.
<b>Syntax</b>	KeyboardDeviceTableEntry

<b>Access</b>	Not accessible
<b>Index</b>	keyboardDevicechassisIndex , keyboardDeviceIndex

**Table 627. Keyboard Device Chassis Index**

<b>Name</b>	keyboardDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 628. Keyboard Device Index**

<b>Name</b>	keyboardDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1.2
<b>Description</b>	Defines the index of the keyboard device for this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 629. Keyboard Device State Capabilities**

<b>Name</b>	keyboardDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1.3
<b>Description</b>	Defines the capabilities of the keyboard device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 630. Keyboard Device State Settings**

<b>Name</b>	keyboardDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1.4
<b>Description</b>	Defines the state of the keyboard device.
<b>Syntax</b>	DellStatesSettings
<b>Access</b>	Read-write

**Table 631. Keyboard Device Status**

<b>Name</b>	keyboardDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.20.1.5
<b>Description</b>	Defines the status of the keyboard device.
<b>Syntax</b>	DellStatus

**Access** Read-only

**Table 632. Keyboard Port Index Reference**

**Name** keyboardPortIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.20.1.6  
**Description** Defines the index to the associated the keyboard port in this chassis.  
**Syntax** DellStatus  
**Access** Read-only

**Table 633. Keyboard Device Type Name**

**Name** keyboardDeviceTypeName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.20.1.7  
**Description** Defines the name of the keyboard type.  
**Syntax** DellString  
**Access** Read-only

**Table 634. Keyboard Device Layout Name**

**Name** keyboardDeviceLayoutName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.20.1.8  
**Description** Defines the name of the keyboard layout.  
**Syntax** DellString  
**Access** Read-only

## Processor Device Table

**Table 635. Processor Device Table**

**Name** processorDeviceTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.30  
**Description** Defines the Processor Device Table.  
**Syntax** SEQUENCE OF ProcessorDeviceTableEntry  
**Access** Not accessible

**Table 636. Processor Device Table Entry**

**Name** processorDeviceTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.30.1  
**Description** Defines the Processor Device Table entry.  
**Syntax** ProcessorDeviceTableEntry  
**Access** Not accessible

<b>Index</b>	processorDevicechassisIndex , processorDeviceIndex
--------------	--

**Table 637. Processor Device Chassis Index**

<b>Name</b>	processorDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 638. Processor Device Index**

<b>Name</b>	processorDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.2
<b>Description</b>	Defines the index of the processor device in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 639. Processor Device State Capabilities**

<b>Name</b>	processorDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.3
<b>Description</b>	Defines the capabilities of the processor device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 640. Processor Device State Settings**

<b>Name</b>	processorDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.4
<b>Description</b>	Defines the state of the processor device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 641. Processor Device Status**

<b>Name</b>	processorDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.5
<b>Description</b>	Defines the status of the processor device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 642. Processor Port Index Reference**

<b>Name</b>	processorPortIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.6
<b>Description</b>	Defines the index to the associated processor port in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 643. Processor Device Type**

<b>Name</b>	processorDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.7
<b>Description</b>	Defines the type of processor device.
<b>Syntax</b>	DellProcessorDeviceType (See <a href="#">Processor Device Type</a> )
<b>Access</b>	Read-only

**Table 644. Processor Device Manufacturer Name**

<b>Name</b>	processorDeviceManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.8
<b>Description</b>	Defines the name of manufacturer of the processor device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 645. Processor Device Status State**

<b>Name</b>	processorDeviceStatusState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.9
<b>Description</b>	Defines the status state of the processor device.
<b>Syntax</b>	DellProcessorDeviceStatusState (See <a href="#">Processor Device Status State</a> )
<b>Access</b>	Read-only

**Table 646. Processor Device Family**

<b>Name</b>	processorDeviceFamily
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.10
<b>Description</b>	Defines the family of the processor device.
<b>Syntax</b>	DellProcessorDeviceFamily (See <a href="#">Processor Device Family</a> )
<b>Access</b>	Read-only

**Table 647. Processor Device Maximum Speed**

<b>Name</b>	processorDeviceMaximumSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.11

<b>Description</b>	Defines the maximum speed of the processor device in megahertz (MHz). A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 648. Processor Device Current Speed**

<b>Name</b>	<code>processorDeviceCurrentSpeed</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.12
<b>Description</b>	Defines the current speed of the processor device in MHz. A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 649. Processor Device External Clock Speed**

<b>Name</b>	<code>processorDeviceExternalClockSpeed</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.13
<b>Description</b>	Defines the speed of the external clock (the front-side bus speed) for the processor device in MHz. A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 650. Processor Device Voltage**

<b>Name</b>	<code>processorDeviceVoltage</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.14
<b>Description</b>	Defines the voltage powering the processor device in millivolts. A zero (0) indicates the speed is unknown.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 651. Processor Device Upgrade Information**

<b>Name</b>	<code>processorDeviceUpgradeInformation</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.15
<b>Description</b>	Defines the processor upgrade information for the processor device.
<b>Syntax</b>	DellProcessorUpgradeInformation (See <a href="#">Processor Upgrade Information</a> )
<b>Access</b>	Read-only

**Table 652. Processor Device Version Name**

<b>Name</b>	<code>processorDeviceVersionName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.16
<b>Description</b>	Defines the version name of the processor device.



<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 653. Processor Device Core Count**

<b>Name</b>	processorDeviceCoreCount
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.17
<b>Description</b>	Defines the number of processor cores detected for the processor device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 654. Processor Device Core Enabled Count**

<b>Name</b>	processorDeviceCoreEnabledCount
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.18
<b>Description</b>	Defines the number of processor cores enabled for the processor device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 655. Processor Device Thread Count**

<b>Name</b>	processorDeviceThreadCount
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.19
<b>Description</b>	Defines the number of processor threads detected for the processor device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 656. Processor Device Characteristics**

<b>Name</b>	processorDeviceCharacteristics
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.20
<b>Description</b>	This attribute defines characteristics of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).



**NOTE:** Bits 2-15 need to be examined in the context of bit 1. If bit 1 is set, the processor characteristics are unknown and bits 2-15 cannot be used to determine if the functions associated with the bits are supported.

<b>Bit Position</b>	<b>Meaning if Set</b>
Bit 0	Reserved
Bit 1	Unknown
Bit 2	64-bit capable
Bit 3-15	Reserved

<b>Syntax</b>	DellUnsigned16BitRange
---------------	------------------------

**Access** Read-only

**Table 657. Processor Device Extended Capabilities**

**Name** processorDeviceExtendedCapabilities

**Object ID** 1.3.6.1.4.1.674.10892.1.1100.30.1.21

**Description** This attribute defines extended capabilities of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).

<b>Bit Position</b>	<b>Meaning if Set</b>
Bit 0	Virtualization Technology (VT) supported
Bit 1	Demand-Based Switching (DBS) supported
Bit 2	eXecute Disable (XD) supported
Bit 3	Hyper-Threading (HT) supported

**Syntax** DellUnsigned16BitRange

**Access** Read-only

**Table 658. Processor Device Extended Settings**

**Name** processorDeviceExtendedSettings

**Object ID** 1.3.6.1.4.1.674.10892.1.1100.30.1.22

**Description** This attribute defines extended settings of the processor device. This attribute is a bit field where a bit has the meaning defined below when set to 1 (one).

<b>Bit Position</b>	<b>Meaning if Set</b>
Bit 0	Virtualization Technology (VT) supported
Bit 1	Demand-Based Switching (DBS) supported
Bit 2	eXecute Disable (XD) supported
Bit 3	Hyper-Threading (HT) supported

**Syntax** DellUnsigned16BitRange

**Access** Read-only

**Table 659. Processor Device Brand Name**

**Name** processorDeviceBrandName

**Object ID** 1.3.6.1.4.1.674.10892.1.1100.30.1.23

**Description** Defines the brand of the processor device.

**Syntax** DellString

**Access** Read-only

**Table 660. Processor Device Model Name**

<b>Name</b>	<code>processorDeviceModelName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.24
<b>Description</b>	Defines the model of the processor device.
<b>Syntax</b>	<code>DellString</code>
<b>Access</b>	Read-only

**Table 661. Processor Device Stepping Name**

<b>Name</b>	<code>processorDeviceSteppingName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.30.1.25
<b>Description</b>	Defines the stepping of the processor device.
<b>Syntax</b>	<code>DellString</code>
<b>Access</b>	Read-only

## Processor Device Status Table

**Table 662. Processor Device Status Table**

<b>Name</b>	<code>processorDeviceStatusTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.32
<b>Description</b>	Defines the Processor Device Status Table.
<b>Syntax</b>	SEQUENCE OF <code>ProcessorDeviceStatusTableEntry</code>
<b>Access</b>	Not accessible

**Table 663. Processor Device Status Table Entry**

<b>Name</b>	<code>processorDeviceStatusTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.32.1
<b>Description</b>	Defines the Processor Device Status Table Entry.
<b>Syntax</b>	<code>ProcessorDeviceStatusTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>processorDeviceStatusChassisIndex</code> , <code>processorDeviceStatusIndex</code>

**Table 664. Processor Device Status Chassis Index**

<b>Name</b>	<code>processorDeviceStatusChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.32.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	<code>DellObjectRange</code>

**Access** Read-only

**Table 665. Processor Device Status Index**

**Name** processorDeviceStatusIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.32.1.2  
**Description** Defines the index (one-based) of the processor device status probe.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 666. Processor Device Status State Capabilities**

**Name** processorDeviceStatusStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.32.1.3  
**Description** Defines the state capabilities of the processor device status probe.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 667. Processor Device Status State Settings**

**Name** processorDeviceStatusStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.32.1.4  
**Description** Defines the state settings of the processor device status probe.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 668. Processor Device Status Status**

**Name** processorDeviceStatusStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.32.1.5  
**Description** Defines the status of the processor device status probe. This status is joined into the processorDeviceStatus attribute.  
**Syntax** DellStatus  
**Access** Read-only

**Table 669. Processor Device Status Reading**

**Name** processorDeviceStatusReading  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.32.1.6  
**Description** Defines the reading of the processor device status probe.  
**Syntax** DellProcessorDeviceStatusReading  
**Access** Read-only

**Table 670. Processor Device Status Location Name**

<b>Name</b>	processorDeviceStatusLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.32.1.7
<b>Description</b>	Defines the location name of the processor device status probe.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 671. Processor Device Status Port Index Reference**

<b>Name</b>	processorDeviceStatusPortIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.32.1.8
<b>Description</b>	Defines the index (one-based) of the associated processor port in the same chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

## Cache Device Table

**Table 672. Cache Device Table**

<b>Name</b>	cacheDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40
<b>Description</b>	Defines the Cache Device Table.
<b>Syntax</b>	SEQUENCE OF CacheDeviceTableEntry
<b>Access</b>	Not accessible

**Table 673. Cache Device Table Entry**

<b>Name</b>	cacheDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1
<b>Description</b>	Defines the Cache Device Table entry.
<b>Syntax</b>	CacheDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cacheDevicechassisIndex , cacheDeviceIndex

**Table 674. Cache Device Chassis Index**

<b>Name</b>	cacheDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.

<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 675. Cache Device Index**

<b>Name</b>	cacheDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.2
<b>Description</b>	Defines the index of the cache device in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 676. Cache Device State Capabilities**

<b>Name</b>	cacheDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.3
<b>Description</b>	Description Defines the capabilities of the cache device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 677. Cache Device State Settings**

<b>Name</b>	cacheDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.4
<b>Description</b>	Description Defines the state of the cache device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 678. Cache Device Status**

<b>Name</b>	cacheDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.5
<b>Description</b>	Defines the status of the cache device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 679. Cache Device Processor Device Index Reference**

<b>Name</b>	cacheDeviceprocessorDeviceIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.6
<b>Description</b>	Defines the index number of the processor device with which this cache device is associated.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 680. Cache Device Type**

<b>Name</b>	cacheDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.7
<b>Description</b>	Defines the type of cache device.
<b>Syntax</b>	DellCacheDeviceType (See <a href="#">Cache Device Type</a> )
<b>Access</b>	Read-only

**Table 681. Cache Device Location**

<b>Name</b>	cacheDeviceLocation
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.8
<b>Description</b>	Defines the location of the cache device.
<b>Syntax</b>	DellCacheDeviceLocation (See <a href="#">Cache Device Location</a> )
<b>Access</b>	Read-only

**Table 682. Cache Device Status State**

<b>Name</b>	cacheDeviceStatusState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.9
<b>Description</b>	Defines the status state of the cache device.
<b>Syntax</b>	DellCacheDeviceStatusState (See <a href="#">Cache Device Status State</a> )
<b>Access</b>	Read-only

**Table 683. Cache Device External Socket Name**

<b>Name</b>	cacheDeviceExternalSocketName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.10
<b>Description</b>	Defines the external socket name of the cache device, if the cache is socketed.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 684. Cache Device Level**

<b>Name</b>	cacheDeviceLevel
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.11
<b>Description</b>	Defines the level of the cache device.
<b>Syntax</b>	DellCacheDeviceLevel (See <a href="#">Cache Device Level</a> )
<b>Access</b>	Read-only

**Table 685. Cache Device Maximum Size**

<b>Name</b>	cacheDeviceMaximumSize
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.12

<b>Description</b>	Defines the maximum size of the cache device in kilobytes (KB). A zero (0) indicates that the size is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 686. Cache Device Current Size**

<b>Name</b>	cacheDeviceCurrentSize
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.13
<b>Description</b>	Defines the current size of the cache device in KB. A zero (0) indicates that the size is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 687. Cache Device Speed**

<b>Name</b>	cacheDeviceSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.14
<b>Description</b>	Defines the speed of the cache device in nanoseconds. A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 688. Cache Device Write Policy**

<b>Name</b>	cacheDeviceWritePolicy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.15
<b>Description</b>	Defines the write policy of the cache device.
<b>Syntax</b>	DellCacheDeviceWritePolicy (See <a href="#">Cache Device Write Policy</a> )
<b>Access</b>	Read-only

**Table 689. Cache Device Is Socketed**

<b>Name</b>	cacheDeviceIsSocketed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.16
<b>Description</b>	Defines if the cache device is socketed.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

**Table 690. Cache Device Error Checking and Correction (ECC) Type**

<b>Name</b>	cacheDeviceECCType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.17
<b>Description</b>	Defines the type of error correction in use by the cache device.



<b>Syntax</b>	DellCacheDeviceECCType (See <a href="#">Cache Device ECC Type</a> )
<b>Access</b>	Read-only

**Table 691. Cache Device Associativity**

<b>Name</b>	cacheDeviceAssociativity
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.18
<b>Description</b>	Defines the type of associativity in use by the cache device.
<b>Syntax</b>	DellCacheDeviceAssociativity (See <a href="#">Cache Device Associativity</a> )
<b>Access</b>	Read-only

**Table 692. Cache Device Supported Type**

<b>Name</b>	cacheDeviceSupportedType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.19
<b>Description</b>	Defines the type of static random-access memory (SRAM) that the cache device can support.
<b>Syntax</b>	DellCacheDeviceSupportedType
<b>Access</b>	Read-only

**Table 693. Cache Device Current Type**

<b>Name</b>	cacheDeviceCurrentType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.40.1.20
<b>Description</b>	Defines the current type of SRAM for the cache device.
<b>Syntax</b>	DellCacheDeviceSRAMType (See <a href="#">Cache Device Static Random-Access Memory (SRAM) Type</a> )
<b>Access</b>	Read-only

## Memory Device Table

**Table 694. Memory Device Table**

<b>Name</b>	memoryDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50
<b>Description</b>	Defines the Memory Device Table.
<b>Syntax</b>	SEQUENCE OF MemoryDeviceTableEntry
<b>Access</b>	Not accessible

**Table 695. Memory Device Table Entry**

<b>Name</b>	memoryDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1
<b>Description</b>	Defines the Memory Device Table entry.

<b>Syntax</b>	MemoryDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	memoryDevicechassisIndex , memoryDeviceIndex

**Table 696. Memory Device Chassis Index**

<b>Name</b>	memoryDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 697. Memory Device Index**

<b>Name</b>	memoryDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.2
<b>Description</b>	Defines the index of the memory device in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 698. Memory Device State Capabilities**

<b>Name</b>	memoryDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.3
<b>Description</b>	Defines the capabilities of the memory device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 699. Memory Device State Settings**

<b>Name</b>	memoryDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.4
<b>Description</b>	Defines the state of the memory device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 700. Memory Device Status**

<b>Name</b>	memoryDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.5
<b>Description</b>	Defines the status of the memory device.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 701. Memory Device Memory Port Index Reference**

<b>Name</b>	memoryDeviceMemoryPortIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.6
<b>Description</b>	Defines the index of the memory port of which this memory device is part.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only


**Table 702. Memory Device Type**

<b>Name</b>	memoryDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.7
<b>Description</b>	Defines the type of the memory device.
<b>Syntax</b>	DellMemoryDeviceType (See <a href="#">Memory Device Type</a> )
<b>Access</b>	Read-only

**Table 703. Memory Device Location Name**

<b>Name</b>	memoryDeviceLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.8
<b>Description</b>	Defines the location name of the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

**Table 704. Memory Device Error Count**

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Error Count should no longer be used. If you use the Memory Device Error Count attribute, the value returned is always zero, and using the attribute has no effect.

<b>Name</b>	memoryDeviceErrorCount
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.9
<b>Description</b>	Defines the total number of Error Checking and Correction (ECC) errors detected by the memory device. Writing a 0 (zero) to this variable resets the devices error counts.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 705. Memory Device Bank Location Name**

<b>Name</b>	memoryDeviceBankLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.10

<b>Description</b>	Defines the bank location name of the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 706. Memory Device Type Details**

<b>Name</b>	<code>memoryDeviceTypeDetails</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.11
<b>Description</b>	Defines the detailed type of the memory device.
<b>Syntax</b>	DellMemoryDeviceTypeDetails (See <a href="#">Memory Device Type Details</a> )
<b>Access</b>	Read-only

**Table 707. Memory Device Form Factor**

<b>Name</b>	<code>memoryDeviceFormFactor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.12
<b>Description</b>	Defines the form factor of the memory device.
<b>Syntax</b>	DellMemoryDeviceFormFactor (See <a href="#">Memory Device Type Form Factor</a> )
<b>Access</b>	Read-only

**Table 708. Memory Device Set**

<b>Name</b>	<code>memoryDeviceSet</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.13
<b>Description</b>	Defines if the memory device is a part of a set. A zero (0) indicates that this device is not part of a set.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 709. Memory Device Size**

<b>Name</b>	<code>memoryDeviceSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.14
<b>Description</b>	Defines the size in KB of the memory device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 710. Memory Device Speed**

<b>Name</b>	<code>memoryDeviceSpeed</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.15
<b>Description</b>	Defines the speed in nanoseconds of the memory device. A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange

**Access** Read-only


**Table 711. Memory Device Total Bus Width**

**Name** memoryDeviceTotalBusWidth  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.50.1.16  
**Description** Defines the total number of bits, including ECC, used by the memory device.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 712. Memory Device Total Data Bus Width**


**Name** memoryDeviceTotalDataBusWidth  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.50.1.17  
**Description** Defines the total number of data bits used by the memory device.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 713. Memory Device Correctable Memory Event Count**

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Correctable Memory Event Count should no longer be used. If you use the Memory Device Correctable Memory Event Count attribute, the value returned is always zero, and using the attribute has no effect.

**Name** memoryDeviceSingleBitErrorCount  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.50.1.18  
**Description** Defines the total number of Correctable Memory Events detected by the memory device.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 714. Memory Device Uncorrectable Memory Event Count**

 **NOTE:** [Memory Device Failure Modes](#) has now replaced this attribute. Memory Device Uncorrectable Memory Event Count should no longer be used. If you use the Memory Device Uncorrectable Memory Event Count attribute, the value returned is always zero, and using the attribute has no effect.

**Name** memoryDeviceMultiBitErrorCount  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.50.1.19  
**Description** Defines the total number of Uncorrectable Memory Events detected by the memory device.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 715. Memory Device Failure Modes**

<b>Name</b>	memoryDeviceFailureModes
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.20
<b>Description</b>	Defines the failure modes of the memory device when the memoryDeviceStatus attribute is not OK. It is a bit field that can be used to report more than one type of failure mode by using a combination of the defined bit masks.
<b>Syntax</b>	DellMemoryDeviceFailureModes
<b>Access</b>	Read-only

**Table 716. Memory Device Manufacturer Name**

<b>Name</b>	memoryDeviceManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.21
<b>Description</b>	Defines the manufacturer of the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 717. Memory Device Part Number Name**

<b>Name</b>	memoryDevicePartNumberName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.22
<b>Description</b>	Defines the manufacturer's part number for the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 718. Memory Device Serial Number Name**

<b>Name</b>	memoryDeviceSerialNumberName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.23
<b>Description</b>	Defines the serial number of the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 719. Memory Device Asset Tag Name**

<b>Name</b>	memoryDeviceAssetTagName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.24
<b>Description</b>	Defines the asset tag of the memory device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 720. Memory Device Speed Name**

<b>Name</b>	memoryDeviceSpeedName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.25
<b>Description</b>	This attribute defines the speed of the memory device in string format with units specified in string.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 721. Memory Device Rank**

<b>Name</b>	memoryDeviceRank														
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.50.1.26														
<b>Description</b>	1100.0050.0001.0026 — This attribute defines the Rank of the memory device (DIMM). Zero indicates an unknown.														
	<table> <thead> <tr> <th><b>Value</b></th> <th><b>Meaning</b></th> </tr> </thead> <tbody> <tr> <td>deviceRankIsUnknown (0)</td> <td>Rank is unknown</td> </tr> <tr> <td>deviceRankIsSingle (1)</td> <td>Rank is Single</td> </tr> <tr> <td>deviceRankIsDual (2)</td> <td>Rank is Dual</td> </tr> <tr> <td>deviceRankIsQuad (4)</td> <td>Rank is Quad</td> </tr> <tr> <td>deviceRankIsOctal (8)</td> <td>Rank is Octal</td> </tr> <tr> <td>deviceRankIsHexa (16)</td> <td>Rank is Hexa</td> </tr> </tbody> </table>	<b>Value</b>	<b>Meaning</b>	deviceRankIsUnknown (0)	Rank is unknown	deviceRankIsSingle (1)	Rank is Single	deviceRankIsDual (2)	Rank is Dual	deviceRankIsQuad (4)	Rank is Quad	deviceRankIsOctal (8)	Rank is Octal	deviceRankIsHexa (16)	Rank is Hexa
<b>Value</b>	<b>Meaning</b>														
deviceRankIsUnknown (0)	Rank is unknown														
deviceRankIsSingle (1)	Rank is Single														
deviceRankIsDual (2)	Rank is Dual														
deviceRankIsQuad (4)	Rank is Quad														
deviceRankIsOctal (8)	Rank is Octal														
deviceRankIsHexa (16)	Rank is Hexa														
<b>Syntax</b>	DellMemoryDeviceRank														
<b>Access</b>	Read-only														

## Memory Device Mapped Address Table

**Table 722. Memory Device Mapped Address Table**

<b>Name</b>	memoryDeviceMappedAddressTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60
<b>Description</b>	Defines the Memory Device Mapped Address Table.
<b>Syntax</b>	SEQUENCE OF MemoryDeviceMappedAddressTableEntry
<b>Access</b>	Not accessible

**Table 723. Memory Device Mapped Address Table Entry**

<b>Name</b>	memoryDeviceMappedAddressTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1
<b>Description</b>	Defines the Memory Device Mapped Address Table entry.
<b>Syntax</b>	MemoryDeviceMappedAddressTableEntry
<b>Access</b>	Not accessible

<b>Index</b>	memoryDeviceMappedAddresschassisIndex , memoryDeviceMappedAddressIndex
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**Table 724. Memory Device Mapped Address Chassis Index**

<b>Name</b>	memoryDeviceMappedAddresschassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 725. Memory Device Mapped Address Index**

<b>Name</b>	memoryDeviceMappedAddressIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1.2
<b>Description</b>	Defines the index (one-based) of the memory device mapped address in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 726. Memory Device Mapped Address State Capabilities**

<b>Name</b>	memoryDeviceMappedAddressStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1.3
<b>Description</b>	Defines the capabilities of the memory device mapped address.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 727. Memory Device Mapped Address State Settings**

<b>Name</b>	memoryDeviceMappedAddressStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1.4
<b>Description</b>	Defines the state of the memory device mapped address.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 728. Memory Device Mapped Address Status**

<b>Name</b>	memoryDeviceMappedAddressStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.60.1.5
<b>Description</b>	Defines the status of the memory device mapped address.
<b>Syntax</b>	DellStatus



**Access** Read-only

**Table 729. Memory Device Index Reference**

**Name** memoryDeviceIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.6  
**Description** Defines the index of the memory device(s) associated with this memory device mapped address.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 730. Memory Device Mapped Address Row Position**

**Name** memoryDeviceMappedAddressRowPosition  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.7  
**Description** Defines the position of the referenced memory in a row of the memory device mapped address.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 731. Memory Device Mapped Address Interleave Position**

**Name** memoryDeviceMappedAddressInterleavePosition  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.8  
**Description** Defines the position of the referenced memory in an interleave of the memory device mapped address.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 732. Memory Device Mapped Address Interleave Depth**

**Name** memoryDeviceMappedAddressInterleaveDepth  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.9  
**Description** Defines the maximum number of consecutive rows from the referenced memory device that are accessed in a single interleaved transfer in the memory device mapped address.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 733. Memory Device Mapped Address Starting Address**

**Name** memoryDeviceMappedAddressStartingAddress  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.10  
**Description** Defines the physical starting address in KB of the memory device mapped address.  
**Syntax** DellUnsigned64BitRange

**Access** Read-only

**Table 734. Memory Device Mapped Address Ending Address**

**Name** memoryDeviceMappedAddressEndingAddress  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.60.1.11  
**Description** Defines the physical ending address in KB of the memory device mapped address.  
**Syntax** DellUnsigned64BitRange  
**Access** Read-only

## Generic Device Table

**Table 735. Generic Device Table**

**Name** genericDeviceTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.70  
**Description** Defines the Generic Device Table.  
**Syntax** SEQUENCE OF GenericDeviceTableEntry  
**Access** Not accessible

**Table 736. Generic Device Table Entry**

**Name** genericDeviceTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.70.1  
**Description** Defines the Generic Device Table entry.  
**Syntax** GenericDeviceTableEntry  
**Access** Not accessible  
**Index** genericDevicechassisIndex  
,  
genericDeviceIndex

**Table 737. Generic Device Chassis Index**

**Name** genericDevicechassisIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.70.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 738. Generic Device Index**

**Name** genericDeviceIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.70.1.2

<b>Description</b>	Defines the index of the generic device in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 739. Generic Device State Capabilities**

<b>Name</b>	genericDeviceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.3
<b>Description</b>	Defines the capabilities of the generic device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 740. Generic Device State Settings**

<b>Name</b>	genericDeviceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.4
<b>Description</b>	Defines the state of the generic device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 741. Generic Device Status**

<b>Name</b>	genericDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.5
<b>Description</b>	Defines the status of the generic device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 742. Generic Device System Slot Index Reference**

<b>Name</b>	genericDeviceSystemSlotIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.6
<b>Description</b>	Defines the index of the system slot into which this generic device is plugged.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 743. Generic Device Type**

<b>Name</b>	genericDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.7
<b>Description</b>	Defines the type of the generic device.
<b>Syntax</b>	DellGenericDeviceType (See <a href="#">Generic Device Type</a> )
<b>Access</b>	Read-only

**Table 744. Generic Device Name**

<b>Name</b>	genericDeviceName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.70.1.8
<b>Description</b>	Defines the name of the generic device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## PCI Device Table

**Table 745. PCI Device Table**

<b>Name</b>	pCIDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80
<b>Description</b>	Defines the PCI Device Detail Table.
<b>Syntax</b>	SEQUENCE OF PCIDeviceTableEntry
<b>Access</b>	Not accessible

**Table 746. PCI Device Table Entry**

<b>Name</b>	pCIDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1
<b>Description</b>	Defines the PCI Device Table entry.
<b>Syntax</b>	PCIDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	pCIDevicechassisIndex , pCIDeviceIndex

**Table 747. PCI Device Chassis Index**

<b>Name</b>	pCIDevicechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 748. PCI Device Index**

<b>Name</b>	pCIDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.2
<b>Description</b>	Defines the index (one-based) of the PCI device in this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 749. PCI Device State Capabilities**

**Name** pCIDeviceStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.80.1.3  
**Description** Defines the capabilities of the PCI device.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 750. PCI Device State Settings**

**Name** pCIDeviceStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.80.1.4  
**Description** Defines the state of the PCI device.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 751. PCI Device Status**

**Name** pCIDeviceStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.80.1.5  
**Description** Defines the status of the PCI device.  
**Syntax** DellStatus  
**Access** Read-only

**Table 752. PCI Device System Slot Index Reference**

**Name** pCIDeviceSystemSlotIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.80.1.6  
**Description** Defines the index number of the system slot that this PCI device is in.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 753. PCI Device Data Bus Width**

**Name** pCIDeviceDataBusWidth  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.80.1.7  
**Description** Defines the bus width of the PCI device in this chassis.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 754. PCI Device Manufacturer Name**

<b>Name</b>	pCIDeviceManufacturerName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.8
<b>Description</b>	Defines the name of the PCI device manufacturer.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 755. PCI Device Description Name**

<b>Name</b>	pCIDeviceDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.9
<b>Description</b>	Defines the descriptive name of the PCI device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 756. PCI Device Speed**

<b>Name</b>	pCIDeviceSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.10
<b>Description</b>	Defines the bus speed in MHz of the PCI device in this chassis. A zero (0) indicates that the speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 757. PCI Device Adapter Fault**

<b>Name</b>	pCIDeviceAdapterFault
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.80.1.11
<b>Description</b>	Defines whether the PCI device in this chassis has detected a fault.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

## **PCI Device Configuration Space Table**

**Table 758. PCI Device Configuration Space Table**

<b>Name</b>	pCIDeviceConfigurationSpaceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82
<b>Description</b>	Defines the PCI Device Configuration Table.
<b>Syntax</b>	SEQUENCE OF PCIDeviceConfigurationSpaceTableEntry
<b>Access</b>	Not accessible

**Table 759. PCI Device Configuration Space Table Entry**

<b>Name</b>	pCIDeviceConfigurationSpaceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1
<b>Description</b>	Defines the PCI Device Configuration Table entry.
<b>Syntax</b>	PCIDeviceConfigurationSpaceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	pCIDeviceConfigurationSpacechassisIndex , pCIDeviceConfigurationSpaceIndex

**Table 760. PCI Device Configuration Space Chassis Index**

<b>Name</b>	pCIDeviceConfigurationSpacechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 761. PCI Device Configuration Space Index**

<b>Name</b>	pCIDeviceConfigurationSpaceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.2
<b>Description</b>	Defines the index (one-based) of the PCI device configuration in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 762. PCI Device Configuration Space State Capabilities**

<b>Name</b>	pCIDeviceConfigurationSpaceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.3
<b>Description</b>	Defines the capabilities of the PCI device configuration.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 763. PCI Device Configuration Space State Settings**

<b>Name</b>	pCIDeviceConfigurationSpaceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.4
<b>Description</b>	Defines the state of the PCI device configuration.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 764. PCI Device Configuration Space Status**

<b>Name</b>	pCIDeviceConfigurationSpaceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.5
<b>Description</b>	Defines the status of the PCI device configuration.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 765. PCI Device Index Reference**

<b>Name</b>	pCIDeviceIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.6
<b>Description</b>	Defines the index number of PCI device that this configuration applies to.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 766. PCI Device Configuration Space Bus Number**

<b>Name</b>	pCIDeviceConfigurationSpaceBusNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.7
<b>Description</b>	Defines the bus number of the PCI device configuration in this chassis.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 767. PCI Device Configuration Space Device Number**

<b>Name</b>	pCIDeviceConfigurationSpaceDeviceNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.8
<b>Description</b>	Defines the device number of the PCI device in this chassis.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 768. PCI Device Configuration Space Function Number**

<b>Name</b>	pCIDeviceConfigurationSpaceFunctionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.9
<b>Description</b>	Defines the function number of the PCI device in this chassis.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 769. PCI Device Configuration Space Header**

<b>Name</b>	pCIDeviceConfigurationSpaceHeader
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.82.1.10



<b>Description</b>	Defines the common configuration space header of the PCI device.
<b>Syntax</b>	Octet String (SIZE(0.1025))
<b>Access</b>	Read-only

## Network Device Table

**Table 770. Network Device Table**

<b>Name</b>	<code>networkDeviceTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90
<b>Description</b>	Defines the Network Device Table.
<b>Syntax</b>	SEQUENCE OF NetworkDeviceTableEntry
<b>Access</b>	Not accessible

**Table 771. Network Device Table Entry**

<b>Name</b>	<code>networkDeviceTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1
<b>Description</b>	Defines the Network Device Table Entry.
<b>Syntax</b>	NetworkDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>networkDeviceChassisIndex</code> , <code>networkDeviceIndex</code>

**Table 772. Network Device Chassis Index**

<b>Name</b>	<code>networkDeviceChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the network device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 773. Network Device Index**

<b>Name</b>	<code>networkDeviceIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.2
<b>Description</b>	Defines the index (one-based) of the network device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 774. Network Device Status**

<b>Name</b>	networkDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.3
<b>Description</b>	Defines the status of the network device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 775. Network Device Connection Status**

<b>Name</b>	networkDeviceConnectionStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.4
<b>Description</b>	Defines the connection status of the network device.
<b>Syntax</b>	DellNetworkDeviceConnectionStatus (See <a href="#">Network Device Connection Status</a> )
<b>Access</b>	Read-only

**Table 776. Network Device Description Name**

<b>Name</b>	networkDeviceDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.5
<b>Description</b>	Defines the description of the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 777. Network Device Product Name**

<b>Name</b>	networkDeviceProductName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.6
<b>Description</b>	Defines the product name of the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 778. Network Device Vendor Name**

<b>Name</b>	networkDeviceVendorName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.7
<b>Description</b>	Defines the name of the vendor of the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 779. Network Device Service Name**

<b>Name</b>	networkDeviceServiceName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.8

<b>Description</b>	Defines the service name of the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 780. Network Device Driver Image Path Name**

<b>Name</b>	networkDeviceDriverImagePathName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.9
<b>Description</b>	Defines the path to the binary image of the driver for the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 781. Network Device Driver Version Name**

<b>Name</b>	networkDeviceDriverVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.10
<b>Description</b>	Defines the version of the driver for the network device.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 782. Network Device IP Address**

<b>Name</b>	networkDeviceIPAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.11
<b>Description</b>	Defines the IP address of the network device.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 783. Network Device IP Subnet Mask**

<b>Name</b>	networkDeviceIPSubnetMask
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.12
<b>Description</b>	Defines the IP subnet mask for the IP address currently assigned to the network device.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 784. Network Device Default Gateway IP Address**

<b>Name</b>	networkDeviceDefaultGatewayIPAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.13
<b>Description</b>	Defines the IP address of the default gateway for the network device.
<b>Syntax</b>	IpAddress

**Access** Read-only

**Table 785. Network Device DHCP Server IP Address**

**Name** networkDeviceDHCPServerIPAddress  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.90.1.14  
**Description** Defines the IP address of the DHCP server that was used to obtain the IP address of the network device if DHCP was used to configure the network device.  
**Syntax** IpAddress  
**Access** Read-only

**Table 786. Network Device Current MAC Address**

**Name** networkDeviceCurrentMACAddress  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.90.1.15  
**Description** Defines the current MAC address of the network device.  
**Syntax** DellMACAddress  
**Access** Read-only

**Table 787. Network Device Permanent MAC Address**

**Name** networkDevicePermanentMACAddress  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.90.1.16  
**Description** Defines the permanent MAC address of the network device.  
**Syntax** DellMACAddress  
**Access** Read-only

**Table 788. Network Device PCI Bus Number**

**Name** networkDevicePCIBusNumber  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.90.1.17  
**Description** Defines the PCI bus number of the network device.  
**Syntax** DellUnsigned8BitRange  
**Access** Read-only

**Table 789. Network Device PCI Device Number**

**Name** networkDevicePCIDeviceNumber  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.90.1.18  
**Description** Defines the PCI device number of the network device.  
**Syntax** DellUnsigned8BitRange  
**Access** Read-only

**Table 790. Network Device PCI Function Number**

<b>Name</b>	networkDevicePCIFunctionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.19
<b>Description</b>	Defines the PCI function number of the network device.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

**Table 791. Network Device IRQ**

<b>Name</b>	networkDeviceIRQ
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.20
<b>Description</b>	Defines the interrupt request number of the network device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 792. Network Device Base IO Port Address**

<b>Name</b>	networkDeviceBaseIOPortAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.21
<b>Description</b>	Defines the base input/output port address of the network device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 793. Network Device Teaming Flags**

<b>Name</b>	networkDeviceTeamingFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.22
<b>Description</b>	Defines the teaming features of the network device.
<b>Syntax</b>	DellNetworkDeviceTeamingFlags (See <a href="#">Network Device Teaming Flags</a> )
<b>Access</b>	Read-only

**Table 794. Network Device TOE Capability Flags**

<b>Name</b>	networkDeviceTOECapabilityFlags
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.23
<b>Description</b>	Defines the TCP/IP Offload Engine (TOE) capability flags of the network device.
<b>Syntax</b>	DellNetworkDeviceTOECapabilityFlags (See <a href="#">Network Device TOE Capability Flags</a> )
<b>Access</b>	Read-only

**Table 795. Network Device TOE Enabled**

<b>Name</b>	networkDeviceTOEEnabled
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.24

<b>Description</b>	Defines if TOE is enabled for the network device.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

**Table 796. Network Device RDMA Capability Flags**

<b>Name</b>	<code>networkDeviceRDMACapabilityFlags</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.25
<b>Description</b>	Defines the Remote Direct Memory Access (RDMA) capability flags of the network device.
<b>Syntax</b>	DellNetworkDeviceRDMACapabilityFlags (See <a href="#">Network Device RDMA Capability Flags</a> )
<b>Access</b>	Read-only

**Table 797. Network Device RDMA Enabled**

<b>Name</b>	<code>networkDeviceRDMAEnabled</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.26
<b>Description</b>	Defines if RDMA is enabled for the network device.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

**Table 798. Network Device iSCSI Capability Flags**

<b>Name</b>	<code>networkDeviceiSCSICapabilityFlags</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.27
<b>Description</b>	Defines the Internet Small Computer System Interface (iSCSI) capability flags of the network device.
<b>Syntax</b>	DellNetworkDeviceiSCSICapabilityFlags (See <a href="#">Network Device iSCSI Capability Flags</a> )
<b>Access</b>	Read-only

**Table 799. Network Device iSCSI Enabled**

<b>Name</b>	<code>networkDeviceiSCSIEnabled</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.90.1.28
<b>Description</b>	Defines if iSCSI is enabled for the network device.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

## Managed System Services Device Table

**Table 800. Managed System Services Device Table**

<b>Name</b>	
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100
<b>Description</b>	Defines the Managed System Services Device Table.
<b>Syntax</b>	Sequence of ManagedSystemServicesDeviceTable
<b>Access</b>	Not accessible

**Table 801. Managed System Services Device Table Entry**

<b>Name</b>	managedSystemServicesDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1
<b>Description</b>	Defines the managed system services device table entry.
<b>Syntax</b>	ManagedSystemServicesDeviceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	managedSystemServicesDeviceChassisIndex , managedSystemServicesDeviceIndex

**Table 802. Managed System Services Device Chassis Index**

<b>Name</b>	managedSystemServicesDeviceChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the managed system services device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 803. Managed System Services Device Index**

<b>Name</b>	managedSystemServicesDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.2
<b>Description</b>	Defines the index (one-based) of the managed system services device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 804. Managed System Services Device Status**

<b>Name</b>	managedSystemServicesDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.3
<b>Description</b>	Defines the status of the managed system services device.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 805. Managed System Services Device Type**

<b>Name</b>	managedSystemServicesDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.4
<b>Description</b>	Defines the type of the managed system services device.
<b>Syntax</b>	DellManagedSystemServicesDeviceType (See <a href="#">Managed System Services Device Type</a> )
<b>Access</b>	Read-only

**Table 806. Managed System Services Device Storage Present**

<b>Name</b>	managedSystemServicesDeviceStoragePresent
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.5
<b>Description</b>	Defines whether storage is present on the managed system services device.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

**Table 807. Managed System Services Device Storage Size**

<b>Name</b>	managedSystemServicesDeviceStorageSize
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.100.1.6
<b>Description</b>	Defines the size in Megabytes (MB) of the storage present on the managed system services device.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

## SD Card Unit Table

**Table 808. SD Card Unit Table**

<b>Name</b>	sdCardUnitTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110
<b>Description</b>	Defines the SD Card Unit Table.
<b>Syntax</b>	SEQUENCE OF SdCardUnitTableEntry
<b>Access</b>	Not accessible

**Table 809. SD Card Unit Table Entry**

<b>Name</b>	sdCardUnitTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1
<b>Description</b>	Defines the SD Card Unit Table Entry.



<b>Syntax</b>	SdCardUnitTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	sdCardUnitChassisIndex , sdCardUnitIndex

**Table 810. SD Card Unit Chassis Index**

<b>Name</b>	sdCardUnitChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the SD Card unit.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 811. SD Card Unit Index**

<b>Name</b>	sdCardUnitIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.2
<b>Description</b>	Defines the index (one-based) of the SD Card unit.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 812. SD Card Unit State Capabilities**

<b>Name</b>	sdCardUnitStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.3
<b>Description</b>	Defines the state capabilities of the SD Card unit.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 813. SD Card Unit State Settings**

<b>Name</b>	sdCardUnitStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.4
<b>Description</b>	Defines the state settings of the SD Card unit.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 814. SD Card Unit Redundancy Status**

<b>Name</b>	sdCardUnitRedundancyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.5
<b>Description</b>	Defines the redundancy status of the SD Card unit.

<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 815. SD Card Unit Count For Redundancy**

<b>Name</b>	sdCardUnitCountForRedundancy
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.6
<b>Description</b>	Defines the total number of SD Card devices required for this SD Card unit to have full redundancy.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 816. SD Card Unit Name**

<b>Name</b>	sdCardUnitName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.7
<b>Description</b>	Defines the name of the SD Card unit.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 817. SD Card Unit Status**

<b>Name</b>	sdCardUnitStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.110.1.8
<b>Description</b>	Defines the status of the SD Card unit.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

## SD Card Device Table

**Table 818. SD Card Device Table**

<b>Name</b>	sdCardDeviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112
<b>Description</b>	Defines the SD Card Device Table.
<b>Syntax</b>	SEQUENCE OF SdCardDeviceTableEntry
<b>Access</b>	Not accessible

**Table 819. SD Card Device Table Entry**

<b>Name</b>	sdCardDeviceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1
<b>Description</b>	Defines the SD Card Device Table Entry.
<b>Syntax</b>	SdCardDeviceTableEntry

<b>Access</b>	Not accessible
<b>Index</b>	sdCardDeviceChassisIndex , sdCardDeviceIndex

**Table 820. SD Card Device Chassis Index**

<b>Name</b>	sdCardDeviceChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the SD Card device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 821. SD Card Device Index**

<b>Name</b>	sdCardDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.2
<b>Description</b>	Defines the index (one-based) of the SD Card device.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 822. SD Card Device Status**

<b>Name</b>	sdCardDeviceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.3
<b>Description</b>	Defines the status of the SD Card device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 823. SD Card Device Type**

<b>Name</b>	sdCardDeviceType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.4
<b>Description</b>	Defines the type of the SD Card device.
<b>Syntax</b>	DellSDCardDeviceType
<b>Access</b>	Read-only

**Table 824. SD Card Device Config Capabilities**

<b>Name</b>	sdCardDeviceConfigCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.5
<b>Description</b>	Defines the configuration capabilities of the SD Card device.
<b>Syntax</b>	DellSDCardDeviceConfigCapabilities

**Access** Read-only

**Table 825. SD Card Device Config Settings**

**Name** sdCardDeviceConfigSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.112.1.6  
**Description** Defines the configuration settings of the SD Card device.  
**Syntax** DellSDCardDeviceConfigSettings  
**Access** Read-only

**Table 826. SD Card Device Location Name**

**Name** sdCardDeviceLocationName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.112.1.7  
**Description** Defines the location of the SD Card device.  
**Syntax** DellString  
**Access** Read-only

**Table 827. SD Card Device Card Present**

**Name** sdCardDeviceCardPresent  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.112.1.8  
**Description** Defines whether the SD Card is present for the SD Card device.  
**Syntax** DellBoolean  
**Access** Read-only

**Table 828. SD Card Device Card State**

**Name** sdCardDeviceCardState  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.112.1.9  
**Description** Defines the state of the SD Card.  
**Syntax** DellSDCardDeviceCardState  
**Access** Read-only

**Table 829. SD Card Device Card Storage Size**

**Name** sdCardDeviceCardStorageSize  
**Object ID** 1.3.6.1.4.1.674.10892.1.1100.112.1.10  
**Description** Defines the storage size in MB (megabytes) of the SD card for the SD Card device.  
**Syntax** DellUnsigned32BitRange  
**Access** Read-only

**Table 830. SD Card Device Unit Index Reference**

<b>Name</b>	sdCardDeviceUnitIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.11
<b>Description</b>	Defines the index to the associated SD Card unit if the SD Card device is part of a SD Card unit.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 831. SD Card Device Card Available Storage Size**

<b>Name</b>	sdCardDeviceCardAvailableStorageSize
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.12
<b>Description</b>	Defines the available storage size in MB (megabytes) of the SD card for the SD card device.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 832. SD Card Device Card Licensed**

<b>Name</b>	sdCardDeviceCardLicensed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1100.112.1.13
<b>Description</b>	Defines whether the SD card is licensed by the system vendor.
<b>Syntax</b>	DellSDCardDeviceCardLicensed
<b>Access</b>	Read-only

## Device Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 833. Pointing Device Type**

**Variable Name:** DellPointingDeviceType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	Device type is not one of the following:
deviceTypeIsUnknown (2)	Device type is unknown.
deviceTypeIsAMouse (3)	Device type is a mouse.
deviceTypeIsATrackBall (4)	Device type is a track ball.
deviceTypeIsATrackPoint (5)	Device type is a track point.
deviceTypeIsAGlidePoint (6)	Device type is a glide point.

deviceTypeIsATouch Pad(7) Device type is a touch pad.

**Table 834. Processor Device Status State**

**Variable Name:**DellProcessorDeviceStatusState


**Data Type:**Integer

Possible Data Values	Meaning of Data Value
other(1)	Processor device type is not one of the following:
unknown(2)	Device type is unknown.
enabled(3)	Device is enabled.
userDisabled(4)	Device is disabled by the user.
biosDisabled(5)	Device has its BIOS disabled.
idle(6)	Device is idle.

**Table 835. Processor Device Status Reading**

**Variable Name:**DellProcessorDeviceStatusReading

**Data Type:**Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values	Meaning of Data Value
internalError(1)	The processor experienced an internal error
thermalTrip(2)	The processor experienced a thermal trip
configurationError(32)	The processor experienced a configuration error
processorPresent(128)	The processor is present
processorDisabled(256)	The processor is disabled
terminatorPresent(512)	The terminator is Present
processorThrottled(1024)	The processor is throttled

**Table 836. Processor Device Type**

**Variable Name:**DellProcessorDeviceType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	The processor device type is not one of the following values:
deviceTypeIsUnknown(2)	The processor device type is unknown.
deviceTypeIsCPU(3)	The processor device type is a central processing unit.

deviceTypeIsMathProcessor (4)	The processor device type is a math processor.
deviceTypeIsDSP (5)	The processor device type is a digital signal processor.
deviceTypeIsAVideoProcessor (6)	The processor device is a video processor.

**Table 837. Processor Upgrade Information**

**Variable Name:**DellProcessorUpgradeInformation

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	The upgrade device type is not one of the following:
processorUpgradeIsUnknown (2)	Upgrade device type is unknown.
processorUpgradeIsByDaughterBoard (3)	Upgrade device is on a daughter board.
processorUpgradeIsByZIFSocket (4)	Upgrade device is in a zero insertion force (ZIF) socket.
processorUpgradeIsByReplacement (5)	Upgrade device is a replacement.
processorUpgradeIsNone (6)	There is no upgrade device.
processorUpgradeIsByLIFSocket (7)	Upgrade device is in a low insertion force (LIF) socket.
processorUpgradeIsBySlot1 (8)	Upgrade device is a SLOT 1 processor.
processorUpgradeIsBySlot2 (9)	Upgrade device is a SLOT 2 processor.
processorUpgradeIsBy370PinSocket (10)	Upgrade device is a 370 pin socket.
processorUpgradeIsBySlotA (11)	Upgrade is by Slot A.
processorUpgradeIsBySlotM (12)	Upgrade is by Slot M.
processorUpgradeIsBySocket423 (13)	Upgrade is by Socket 423.
processorUpgradeIsBySocketA (14)	Upgrade is by Socket A (Socket 462).
processorUpgradeIsBySocket478 (15)	Upgrade is by Socket 478.
processorUpgradeIsBySocket754 (16)	Upgrade is by Socket 754.
processorUpgradeIsBySocket940 (17)	Upgrade is by Socket 940.

processorUpgradeIsBySocket939 (18)	Upgrade is by Socket 939.
processorUpgradeIsBySocketmPGA604 (19)	Upgrade is by Socket mPGA604.
processorUpgradeIsBySocketLGA771 (20)	Upgrade is by Socket LGA771.
processorUpgradeIsBySocketLGA775 (21)	Upgrade is by Socket LGA775.
processorUpgradeIsBySocketS1 (22)	Upgrade is by Socket S1.
processorUpgradeIsBySocketAM2 (23)	Upgrade is by Socket AM2.
processorUpgradeIsBySocketF (24)	Upgrade is by Socket F (1207).
processorUpgradeIsBySocketLGA1366 (25)	Upgrade is by Socket LGA1366.

**Table 838. Processor Device Family**

**Variable Name:**DellProcessorDeviceFamily

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceFamilyIsOther (1)	The processor family is not one of the following values.
deviceFamilyUnknown (2)	The processor family is unknown.
deviceFamilyIs8086 (3)	The processor family is 8086.
deviceFamilyIs80286 (4)	The processor family is 80286.
deviceFamilyIs80386 (5)	The processor family is 80386.
deviceFamilyIs80486 (6)	The processor family is 80486.
deviceFamilyIS8087 (7)	The processor family is 8087.
deviceFamilyIs80287 (8)	The processor family is 80287.
deviceFamilyIs80387 (9)	The processor family is 80387.
deviceFamilyIs80487 (10)	The processor family is 80487.
deviceFamilyIsPentium (11)	The processor family is Intel Pentium.



deviceFamilyIsPentiumPro (12) The processor family is Pentium Pro.

deviceFamilyIsPentium2 (13) The processor family is Pentium II.

deviceFamilyIsPentiumMMX (14) The processor family is Pentium MMX.

deviceFamilyIsCeleron (15) The processor family is Celeron.

deviceFamilyIsXeon (16) The processor family is Xeon.

deviceFamilyIsPentium3 (17) The processor family is Pentium III.

deviceFamilyIsPentium3Xeon (18) The processor family is Pentium III Xeon.

deviceFamilyIsPentium3Step (19) The processor family is Pentium III Speed Step.

deviceFamilyIsPentiumItanium (20) The processor family is Itanium.

deviceFamilyIsIntelXeon (21) The processor family is Intel Xeon.

deviceFamilyIsPentium4 (22) The processor family is Pentium 4.

deviceFamilyIsIntelXeonMP (23) The processor family is Intel Xeon MP.

deviceFamilyIsIntelItanium2 (24) The processor family is Intel Itanium 2.

deviceFamilyIsK5 (25) The processor family is K5.

deviceFamilyIsK6 (26) The processor family is K6.

deviceFamilyIsK6-2 (27) The processor family is K6-2.

deviceFamilyIsK6-3 (28) The processor family is K6-3.

deviceFamilyIsAMDAthlon (29) The processor family is AMD Athlon.

deviceFamilyIsAMD2900 (30) The processor family is AMD2900.

deviceFamilyIsK6-2Plus (31) The processor family is K6-2+.

deviceFamilyIsPowerPC (32) The processor family is Power PC.

deviceFamilyIsPowerPC601 (33) The processor family is Power PC 601.

deviceFamilyIsPowerPC603 (34) The processor family is Power PC 603.

deviceFamilyIsPowerPC603Plus (35) The processor family is Power PC 603+.

deviceFamilyIsPowerPC604 (36) The processor family is Power PC 604.

deviceFamilyIsPowerPC620 (37) The processor family is Power PC 620.

deviceFamilyIsPowerPCx704 (38) The processor family is Power PC x704.

deviceFamilyIsPowerPC750 (39) The processor family is Power PC 750.

deviceFamilyIsIntelCoreDuo (40) The processor family is Intel Core Duo.

deviceFamilyIsIntelCoreDuoMobile (41) The processor family is Intel Core Duo mobile.

deviceFamilyIsIntelCoreSoloMobile (42) The processor family is Intel Core Solo mobile.

deviceFamilyIsIntelAtom (43) The processor family is Intel Atom.

deviceFamilyIsAlpha (48) The processor family is Alpha.

deviceFamilyIsAlpha21064 (49) The processor family is Alpha 21064.

deviceFamilyIsAlpha21066 (50) The processor family is Alpha 21066.

deviceFamilyIsAlpha21164 (51) The processor family is Alpha 21164.

deviceFamilyIsAlpha21164PC (52) The processor family is Alpha 21164PC.

deviceFamilyIsAlpha21164a (53) The processor family is Alpha 21164a.

deviceFamilyIsAlpha21264 (54) The processor family is Alpha 21264.

deviceFamilyIsAlpha21364 (55) The processor family is Alpha 21364.

deviceFamilyIsAMDTurionIIUltraDualMobileM (56) The processor family is AMD Turion II Ultra Dual-Core Mobile M Processor Family.

deviceFamilyIsAMDTurionIIDualMobileM (57) The processor family is AMD Turion II Dual-Core Mobile M Processor Family. .

deviceFamilyIsAMDAthlonIIDualMobileM (58) The processor family is AMD Athlon II Dual-Core Mobile M Processor Family.

deviceFamilyIsAMDOpteron6100 (59) The processor family is AMD Opteron 6100 Series Processor.

deviceFamilyIsAMDOpteron4100 (60) The processor family is AMD Opteron 4100 Series Processor.

deviceFamilyIsAMD  
Opteron6200 (61) The processor family is AMD Opteron 6200 Series Processor.

deviceFamilyIsAMD  
Opteron4200 (62) The processor family is AMD Opteron 4200 Series Processor.

deviceFamilyIsMIPS  
S(64) The processor family is MIPS

deviceFamilyIsMIPS  
SR4000(65) The processor family is MIPS R4000.

deviceFamilyIsMIPS  
SR4200(66) The processor family is MIPS R4200.

deviceFamilyIsMIPS  
SR4400(67) The processor family is MIPS R4400.

deviceFamilyIsMIPS  
SR4600(68) The processor family is MIPS R4600.

deviceFamilyIsMIPS  
SR10000(69) The processor family is MIPS R10000.

deviceFamilyIsSPARC  
RC(80) The processor family is SPARC.

deviceFamilyIsSuperSPARC  
(81) The processor family is SuperSPARC.

deviceFamilyIsmicroSPARC  
II(82) The processor family is microSPARC II.

deviceFamilyIsmicroSPARC  
IIep(83) The processor family is microSPARC IIep.

deviceFamilyIsUltraSPARC  
(84) The processor family is UltraSPARC.

deviceFamilyIsUltraSPARC  
II(85) The processor family is UltraSPARC II.

deviceFamilyIsUltraSPARC  
III(86) The processor family is UltraSPARC III.

deviceFamilyIsUltraSPARC  
III(87) The processor family is UltraSPARC III.

deviceFamilyIsUltraSPARC  
IIIi(88) The processor family is UltraSPARC IIIi.

deviceFamilyIs68040  
(96) The processor family is 68040 Family.

deviceFamilyIs68xx  
(97) The processor family is 68xxx.

deviceFamilyIs6800  
(98) The processor family is 6800.

deviceFamilyIs68010  
(99) The processor family is 68010.

deviceFamilyIs68020  
(100) The processor family is 68020.

deviceFamilyIs68030  
(101) The processor family is 68030.

deviceFamilyIsHobbit (112)	The processor family is Hobbit.
deviceFamilyIsCrusoe5000 (120)	The processor family is Crusoe 5000.
deviceFamilyIsCrusoe3000 (121)	The processor family is Crusoe 3000.
deviceFamilyIsEfficeon8000 (122)	The processor family is Efficeon 8000.
deviceFamilyIsWeitek (128)	The processor family is Weitek.
deviceFamilyIsIntelCeleronM (130)	The processor family is Intel Celeron M.
deviceFamilyIsAMDAthlon64 (131)	The processor family is AMD Athlon 64.
deviceFamilyIsAMDOpteron (132)	The processor family is AMD Opteron.
deviceFamilyIsAMDSempron (133)	The processor family is AMD Sempron.
deviceFamilyIsAMDTurion64Mobile (134)	The processor family is AMD Turion 64 Mobile Technology.
deviceFamilyIsDualCoreAMDOpteron (135)	The processor family is Dual-Core AMD Opteron.
deviceFamilyIsAMDAthlon64X2DualCore (136)	The processor family is AMD Athlon 64 X2 Dual-Core.
deviceFamilyIsAMDTurion64X2Mobile (137)	The processor family is AMD Turion 64 X2 Mobile Technology.
deviceFamilyIsQuadCoreAMDOpteron (138)	The processor family is Quad-Core AMD Opteron.
deviceFamilyIsThirdGenerationAMDOpteron (139)	The processor family is thirdgeneration AMD Opteron.
deviceFamilyIsAMDPhenomFXQuadCore (140)	The processor family is AMD Phenom FX Quad-Core.
deviceFamilyIsAMDPhenomX4QuadCore (141)	The processor family is AMD Phenom X4 Quad-Core.
deviceFamilyIsAMDPhenomX2DualCore (142)	The processor family is AMD Phenom X2 Dual-Core.
deviceFamilyIsAMDAthlonX2DualCore (143)	The processor family is AMD Athlon X2 Dual-Core.
deviceFamilyIsPARISC (144)	The processor family is PA-RISC.

deviceFamilyIsPA-RISC8500 (145) The processor family is PA-RISC 8500.

deviceFamilyIsPA-RISC8000 (146) The processor family is PA-RISC 8000.

deviceFamilyIsPARISC7300LC ( 147) The processor family is PA-RISC 7300LC.

deviceFamilyIsPA-RISC7200 (148) The processor family is PA-RISC 7200.

deviceFamilyIsPARISC7100LC ( 149) The processor family is PA-RISC 7100LC.

deviceFamilyIsPA-RISC7100 (150) The processor family is PA-RISC 7100.

deviceFamilyIsV30 (160) The processor family is V30.

deviceFamilyIsQuadCoreIntelXeon3200 (161) The processor family is Quad-Core Intel Xeon processor 3200 Series.

deviceFamilyIsDualCoreIntelXeon3000 (162) The processor family is Dual-Core Intel Xeon processor 3000 Series.

deviceFamilyIsQuadCoreIntelXeon5300 (163) The processor family is Quad-Core Intel Xeon processor 5300 Series.

deviceFamilyIsDualCoreIntelXeon5100 (164) The processor family is Dual-Core Intel Xeon processor 5100 Series.

deviceFamilyIsDualCoreIntelXeon5000 (165) The processor family is Dual-Core Intel Xeon processor 5000 Series.

deviceFamilyIsDualCoreIntelXeonLV (166) The processor family is Dual-Core Intel Xeon processor LV.

deviceFamilyIsDualCoreIntelXeonULV (167) The processor family is Dual-Core Intel Xeon processor ULV.

deviceFamilyIsDualCoreIntelXeon7100 (168) The processor family is Dual-Core Intel Xeon processor 7100 Series.

deviceFamilyIsQuadCoreIntelXeon5400 (169) The processor family is Quad-Core Intel Xeon processor 5400 Series.

deviceFamilyIsQuadCoreIntelXeon (170) The processor family is Quad-Core Intel Xeon.

deviceFamilyIsDualCoreIntelXeon5200 (171) The processor family is Dual-Core Intel Xeon processor 5200 Series.

deviceFamilyIsDualCoreIntelXeon7200 (172) The processor family is Dual-Core Intel Xeon processor 7200 Series.

deviceFamilyIsQuadCoreIntelXeon7300 (173)	The processor family is Quad-Core Intel Xeon processor 7300 Series.
deviceFamilyIsQuadCoreIntelXeon7400 (174)	The processor family is Quad-Core Intel Xeon processor 7400 Series.
deviceFamilyIsMultiCoreIntelXeon7400 (175)	The processor family is Multi-Core Intel Xeon processor 7400 Series.
deviceFamilyIsM1 (176)	The processor family is M1.
deviceFamilyIsM2 (177)	The processor family is M2.
deviceFamilyIsIntelPentium4HT (179)	The processor family is Intel Pentium 4 HT processor.
deviceFamilyIsAS400 (180)	The processor family is AS400.
deviceFamilyIsAMDAthlonXP (182)	The processor family is AMD Athlon XP.
deviceFamilyIsAMDAthlonMP (183)	The processor family is AMD Athlon MP.
deviceFamilyIsAMD Duron (184)	The processor family is AMD Duron.
deviceFamilyIsIntelPentiumM (185)	The processor family is Intel Pentium M.
deviceFamilyIsIntelCeleronD (186)	The processor family is Intel Celeron D.
deviceFamilyIsIntelPentiumD (187)	The processor family is Intel Pentium D.
deviceFamilyIsIntelPentiumExtreme (188)	The processor family is Intel Pentium Processor Extreme Edition.
deviceFamilyIsIntelCoreSolo (189)	The processor family is Intel Core Solo processor.
deviceFamilyIsIntelCore2 (190)	The processor family is Intel Core 2 processor.
deviceFamilyIsIntelCore2Duo (191)	The processor family is Intel Core 2 Duo processor.
deviceFamilyIsIntelCore2Solo (192)	The processor family is Intel Core2 Solo processor.
deviceFamilyIsIntelCore2Extreme (193)	The processor family is Intel Core2 Extreme processor.
deviceFamilyIsIntelCore2Quad (194)	The processor family is Intel Core2 Quad processor.
deviceFamilyIsIntelCore2ExtremeMobile (195)	The processor family is Intel Core2 Extreme mobile processor.

deviceFamilyIsIntelCore2DuoMobile (196)	The processor family is Intel Core2 Duo mobile processor.
deviceFamilyIsIntelCore2SoloMobile (197)	The processor family is Intel Core2 Solo mobile processor.
deviceFamilyIsIntelCorei7 (198)	The processor family is Intel Core i7 processor.
deviceFamilyIsDualCoreIntelCeleron (199)	The processor family is Dual-Core Intel Celeron Processor.
deviceFamilyIsIBM390 (200)	The processor family is IBM390.
deviceFamilyIsG4 (201)	The processor family is G4.
deviceFamilyIsG5 (202)	The processor family is G5.
deviceFamilyIsESA390G6 (203)	The processor family is ESA/390 G6.
deviceFamilyIszArchitecture (204)	The processor family is z/Architectur base.
deviceFamilyIsIntelCorei5 (205)	The processor family is Intel Core i5 processor.
deviceFamilyIsIntelCorei3 (206)	The processor family is Intel Core i3 processor.
deviceFamilyIsVIAC7-M (210)	The processor family is VIA C7-M.
deviceFamilyIsVIAC7-D (211)	The processor family is family is VIA C7-D.
deviceFamilyIsVIAC7 (212)	The processor family is VIA C7.
deviceFamilyIsVIAEden (213)	The processor family is VIA Eden.
deviceFamilyIsMultiCoreIntelXeon (214)	The processor family is Multi-Core Intel Xeon processor.
deviceFamilyIsDualCoreIntelXeon3xxx (215)	The processor family is Dual-Core Intel Xeon processor 3xxx Series.
deviceFamilyIsQuadCoreIntelXeon3xxx (216)	The processor family is Quad-Core Intel Xeon processor 3xxx Series.
deviceFamilyIsVIANano (217)	The processor family is VIA Nano.
deviceFamilyIsDualCoreIntelXeon5xxx (218)	The processor family is Dual-Core Intel Xeon processor 5xxx Series.

deviceFamilyIsQuadCoreIntelXeon5xxx (219)	The processor family is Quad-Core Intel Xeon processor 5xxx Series.
deviceFamilyIsDualCoreIntelXeon7xxx (221)	The processor family is Dual-Core Intel Xeon processor 7xxx Series.
deviceFamilyIsQuadCoreIntelXeon7xxx (222)	The processor family is Quad-Core Intel Xeon processor 7xxx Series.
deviceFamilyIsMultiCoreIntelXeon7xxx (223)	The processor family is Multi-Core Intel Xeon processor 7xxx Series.
deviceFamilyIsMultiCoreIntelXeon3400 (224)	The processor family is Multi-Core Intel Xeon processor 3400 Series.
deviceFamilyIsEmbeddedAMDOpteronQuadCore (230)	The processor family is Embedded AMD Opteron Quad-Core.
deviceFamilyIsAMDPenomTripleCore (231)	The processor family is AMD Phenom Triple-Core.
deviceFamilyIsAMDTurionUltraDualCoreMobile (232)	The processor family is AMD Turion Ultra Dual-Core mobile processor.
deviceFamilyIsAMDTurionDualCoreMobile (233)	The processor family is AMD Turion Dual-Core mobile processor.
deviceFamilyIsAMDAthlonDualCore (234)	The processor family is AMD Athlon Dual-Core.
deviceFamilyIsAMDSempronSI (235)	The processor family is AMD Sempron SI.
deviceFamilyIsAMDPenomII (236)	The processor family is AMD Phenom II.
deviceFamilyIsAMDAthlonII (237)	The processor family is AMD Athlon II.
deviceFamilyIsSixCoreAMDOpteron (238)	The processor family is Six-Core AMD Opteron.
deviceFamilyIsAMDSempronM (239)	The processor family is AMD Sempron M.
deviceFamilyIsi860 (250)	The processor family is i860.
deviceFamilyIsi960 (251)	The processor family is i960.
deviceFamilyIsAMDOpteron6200 (261)	The processor family family is AMD Opteron 6200 Series Processor.
deviceFamilyIsAMDOpteron4200 (61)	The processor family family is AMD Opteron 4200 Series Processor.



**Table 839. Cache Device Type****Variable Name:**DellCacheDeviceType**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	System cache type is not one of the following:
deviceTypeIsUnknown(2)	System cache type is unknown.
deviceTypeIsInstruction(3)	System cache type is instruction.
deviceTypeIsData(4)	System cache type is data.
deviceTypeIsUnified(5)	System cache type is both instruction and data.

**Table 840. Cache Device Level****Variable Name:**DellCacheDeviceLevel**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceLevelIsOther(1)	Device level is not one of the following:
deviceLevelIsUnknown(2)	Device level is unknown.
deviceLevelIsPrimary(3)	Device level is primary.
deviceLevelIsSecondary(4)	Device level is secondary.
deviceLevelIsTertiary(5)	Device level is tertiary.

**Table 841. Cache Device Write Policy****Variable Name:**DellCacheDeviceWritePolicy**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceWritePolicyIsOther(1)	Device write policy is not one of the following:
deviceWritePolicyIsUnknown(2)	Device write policy is unknown.
deviceWritePolicyIsWriteBack(3)	Device write policy is write back.
deviceWritePolicyIsWriteThrough(4)	Device write policy is write through.
deviceWritePolicyIsVariesByAddresses(5)	Device write policy varies by address.

deviceWritePolicy Device write policy is determined by I/O query.  
 IsDeterminedByIO(  
 6)

**Table 842. Cache Device Status State**

**Variable Name:**DellCacheDeviceStatusState

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
other (1)	Device state is not one of the following:
unknown (2)	Device state is unknown.
enabled (3)	Device is enabled.
userDisabled (4)	Device is disabled by the user.
biosDisabled (5)	Device basic input/output system (BIOS) is disabled.

**Table 843. Cache Device ECC Type**

**Variable Name:**DellPointingDeviceType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	Device type is not one of the following:
deviceTypeIsUnknown (2)	Device type is unknown.
deviceTypeIsAMouse (3)	Device type is a mouse.
deviceTypeIsATrackBall (4)	Device type is a track ball.
deviceTypeIsATrackPoint (5)	Device type is a track point.
deviceTypeIsAGlidePoint (6)	Device type is a glide point.
deviceTypeIsATouchPad (7)	Device type is a touch pad.

**Table 844. Cache Device Associativity**

**Variable Name:**DellCacheDeviceAssociativity

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceAssociativityIsOther (1)	Device associativity is not one of the following:
deviceAssociativityIsUnknown (2)	Device associativity is unknown.
deviceAssociativityIsDirectMapped (3)	Device is direct mapped.

deviceAssociativityIsTwoWaySetAssociative(4)	Device is two-way set associative.
deviceAssociativityIsFourWaySetAssociative(5)	Device is four-way set associative.
deviceAssociativityIsFullyAssociative(6)	Device is fully associative.
deviceAssociativityIsEightWaySetAssociative(7)	Device is eight-way set associative.
deviceAssociativityIsSixteenWaySetAssociative(8)	Device is sixteen-way set associative.
deviceAssociativityIs12WaySetAssociative(9)	Device is 12-way Set-Associative.
deviceAssociativityIs24WaySetAssociative(10)	Device is 24-way Set-Associative.
deviceAssociativityIs32WaySetAssociative(11)	Device is 32-way Set-Associative.
deviceAssociativityIs48WaySetAssociative(12)	Device is 48-way Set-Associative.
deviceAssociativityIs64WaySetAssociative(13)	Device is 64-way Set-Associative.

**Table 845. Cache Device Location**

**Variable Name:**DellCacheDeviceLocation

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceLocationIsOther(1)	Device location is not one of the following:
deviceLocationIsUnknown(2)	Device location is unknown.
deviceLocationIsInternal(3)	Device location is internal.
deviceLocationIsExternal(4)	Device location is external.

**Table 846. Cache Device Static Random-Access Memory (SRAM) Type**

**Variable Name:**DellCacheDeviceSRAMType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

deviceSRAMTypeIsOther (1)	Device SRAM type is not one of the following:
deviceSRAMTypeIsUnknown (2)	Device SRAM type is unknown.
deviceSRAMTypeIsNonBurst (3)	Device SRAM type is nonburst.
deviceSRAMTypeIsBurst (4)	Device SRAM type is burst.
deviceSRAMTypeIsPipeBurst (5)	Device SRAM type is pipeburst.
deviceSRAMTypeIsSynchronous (6)	Device SRAM type is synchronous.
deviceSRAMTypeIsAsynchronous (7)	Device SRAM type is asynchronous.

**Table 847. Memory Device Type Form Factor**

**Variable Name:**DellMemoryDeviceFormFactor

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceFormFactorIsOther (1)	Device form factor is not one of the following:
deviceFormFactorIsUnknown (2)	Device form factor is unknown.
deviceFormFactorIsSIMM (3)	Device form factor is SIMM.
deviceFormFactorIsSIP (4)	Device form factor is SIP.
deviceFormFactorIsAChip (5)	Device form factor is a chip.
deviceFormFactorIsDIP (6)	Device form factor is DIP.
deviceFormFactorIsZIP (7)	Device form factor is ZIP.
deviceFormFactorIsAProprietaryCard (8)	Device form factor is a proprietary card.
deviceFormFactorIsDIMM (9)	Device form factor is DIMM.
deviceFormFactorIsTSOP (10)	Device form factor is TSOP.
deviceFormFactorIsARowOfChips (11)	Device form factor is a row of chips.
deviceFormFactorIsRIMM (12)	Device form factor is RIMM.
deviceFormFactorIsSODIMM (13)	Device form factor is SODIMM.

deviceFormFactorIsSRIMM(14) Device form factor is SRIMM.

deviceFormFactorIsFBDIMM(15) Device form factor is FB-DIMM.

**Table 848. Memory Device Type**

**Variable Name:**DellMemoryDeviceType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther(1)	Device type is not one of the following:
deviceTypeIsUnknown(2)	Device type is unknown.
deviceTypeIsDRAM(3)	Device type is DRAM.
deviceTypeIsEDRAM(4)	Device type is EDRAM.
deviceTypeIsVRAM(5)	Device type is VRAM.
deviceTypeIsSRAM(6)	Device type is SRAM.
deviceTypeIsRAM(7)	Device type is RAM.
deviceTypeIsROM(8)	Device type is ROM.
deviceTypeIsFLASH(9)	Device type is FLASH.
deviceTypeIsEEPROM(10)	Device type is EEPROM.
deviceTypeIsFEPRM(11)	Device type is FEPRM.
deviceTypeIsEPROM(12)	Device type is EPROM.
deviceTypeIsCDRAM(13)	Device type is CDRAM.
deviceTypeIs3DRAM(14)	Device type is 3DRAM.
deviceTypeIsSDRAM(15)	Device type is SDRAM.
deviceTypeIsSGRAM(16)	Device type is SGRAM.
deviceTypeIsRDRAM(17)	Device type is RDRAM.
deviceTypeIsDDR(18)	Device type is DDR.
deviceTypeIsDDR2(19)	Device type is DDR2.

deviceTypeIsDDR2FB  
BDIMM (20) Device type is DDR2 FB-DIMM.

deviceTypeIsDDR3 (24) Device type is DDR3.

deviceTypeIsFBD2 (25) Device type is FBD2.

**Table 849. Memory Device Type Details**

**Variable Name:**DellMemoryDeviceTypeDetails

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeDetailIsOther (2)	The detailed device type is not one of the following:
deviceTypeDetailIsUnknown (4)	The detailed device type is unknown.
deviceTypeDetailIsFastPaged (8)	The detailed device type is fast paged.
deviceTypeDetailIsStaticColumn (16)	The detailed device type is static column.
deviceTypeDetailIsPseudoStatic (32)	The detailed device type is pseudo-static.
deviceTypeDetailIsRAMBUS (64)	The detailed device type is RAMBUS.
deviceTypeDetailIsSynchronous (128)	The detailed device type is synchronous.
deviceTypeDetailIsCMOS (256)	The detailed device type is CMOS.
deviceTypeDetailIsEDO (512)	The detailed device type is EDO.
deviceTypeDetailIsWindowDRAM (1024)	The detailed device type is Window DRAM.
deviceTypeDetailIsCacheDRAM (2048)	The detailed device type is Cache DRAM.
deviceTypeDetailIsNonVolatile (4096)	The detailed device type is Non-volatile.
deviceTypeDetailIsRegistered (8192)	The detailed device type is registered.
deviceTypeDetailIsNonRegistered (16384)	The detailed device type is nonregistered.

**Table 850. Generic Device Type**

**Variable Name:**DellGenericDeviceType


**Data Type:**Integer

Possible Data Values	Meaning of Data Value
deviceTypeIsOther (1)	Device type is not one of the following:
deviceTypeIsUnknown (2)	Device type is unknown.
deviceTypeIsAVideoDevice (3)	Device type is a video.
deviceTypeIsASCSIController (4)	Device type is a SCSI controller.
deviceTypeIsAnEthernetDevice (5)	Device type is Ethernet.
deviceTypeIsTokenRingDevice (6)	Device type is token ring.
deviceTypeIsASoundDevice (7)	Device type is sound.

**Table 851. Memory Device Failure Modes**

**Variable Name:**DellMemoryDeviceFailureModes

**Data Type:**Integer

 **NOTE:** These values are bit masks, so combination values are possible.

Possible Data Values	Meaning of Data Value
(0)	Memory device has no faults.
eccSingleBitCorrectionWarningRate (1)	Memory device has exceeded the Correctable Memory Event warning rate.
eccSingleBitCorrectionFailureRate (2)	Memory device has exceeded the Correctable Memory Event failure rate.
eccMultiBitFault (4)	Memory device has encountered an Uncorrectable Memory Event.
eccSingleBitCorrectionLoggingDisabled (8)	Correctable Memory Event logging for memory device has been disabled.
deviceDisabledBySpareActivation (16)	Memory device is disabled because of spare memory activation.

**Table 852. Network Device Connection Status**

**Variable Name:**DellNetworkDeviceConnectionStatus

**Data Type:**Integer


Possible Data Values	Meaning of Data Value
unknown (0)	Unable to determine connection status.

connected(1)	Media reports that device is connected.
disconnected(2)	Media reports that device is disconnected.
driverBad(3)	Driver cannot be opened to determine status.
driverDisabled(4)	Driver is disabled.
hardwareInitializing(10)	Hardware is initializing.
hardwareResetting(11)	Hardware is resetting.
hardwareClosing(12)	Hardware is closing down.
hardwareNotReady(13)	Hardware is not ready.

**Table 853. Network Device Teaming Flags**

**Variable Name:**DellNetworkDeviceTeamingFlags

**Data Type:**Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
undefined(0)	Teaming flags are undefined.
noTeam(1)	Device is not part of any team.
teamingEnabled(2)	Teaming is enabled.
adapterFaultToleranceMode(4)	Adapter fault tolerance teaming mode.
loadBalancingMode(8)	Load balancing teaming mode.

**Table 854. Network Device TOE Capability Flags**

**Variable Name:**DellNetworkDeviceTOECapabilityFlags

**Data Type:**Integer

 **NOTE:** These values are bit fields, so combination values are possible.


Possible Data Values	Meaning of Data Value
none(0)	Querying for TOE capability is not supported.
unknown(1)	Querying for TOE capability is supported but query returned an error.
available(2)	Device has TOE capability.
notAvailable(4)	Device does not have TOE capability.
cannotBeDetermined(8)	Querying for TOE capability is supported but an error prevented querying.
driverNotResponding(16)	Querying for TOE capability is supported but driver did not respond to query.



**Table 855. Network Device RDMA Capability Flags**

**Variable Name:**DellNetworkDeviceRDMACapabilityFlags

**Data Type:**Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	Querying for RDMA capability is not supported.
unknown (1)	Querying for RDMA capability is supported but query returned an error.
available (2)	Device has RDMA capability.
notAvailable (4)	Device does not have RDMA capability.
cannotBeDetermined (8)	Querying for RDMA capability is supported but an error prevented querying.
driverNotResponding (16)	Querying for RDMA capability is supported but driver did not respond to query.

**Table 856. Network Device iSCSI Capability Flags**

**Variable Name:**DellNetworkDeviceiSCSICapabilityFlags

**Data Type:**Integer

 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	Querying for iSCSI capability is not supported.
unknown (1)	Querying for iSCSI capability is supported but query returned an error.
available (2)	Device has iSCSI capability.
notAvailable (4)	Device does not have iSCSI capability.
cannotBeDetermined (8)	Querying for iSCSI capability is supported but an error prevented querying.
driverNotResponding (16)	Querying for iSCSI capability is supported but driver did not respond to query.

**Table 857. Managed System Services Device Type**

**Variable Name:**DellManagedSystemServicesDeviceType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
baseDevice (0)	Device type is base device.
optionalDevice (1)	Device type is optional device.

**Table 858. SD Card Device Type**

**Variable Name:**DellSDCardDeviceType


**Data Type:**Integer

Possible Data Values	Meaning of Data Value
other (1)	Device type is other.
unknown (2)	Device type is unknown.
hypervisor (3)	Device type is Hypervisor.
vFlash (4)	Device type is Virtual Flash (vFlash.)

**Table 859. SD Card Device Config Capabilities**

**Variable Name:**DellSDCardDeviceConfigCapabilities

**Data Type:**Integer


 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	SD card device has none of the following capabilities.
sdCapable (1)	SD media can be enabled.
vFlashCapable (2)	Virtual Flash (vFlash) can be enabled.

**Table 860. SD Card Device Config Settings**

**Variable Name:**DellSDCardDeviceConfigSettings

**Data Type:**Integer

 **NOTE:** These values are bit fields, so combination values are possible.

Possible Data Values	Meaning of Data Value
none (0)	SD card device has none of the following settings.
sdEnabled (1)	SD media is enabled.
vFlashEnabled (2)	Virtual Flash (vFlash) is enabled.

**Table 861. SD Card Device Card State**

**Variable Name:**DellSDCardDeviceCardState

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	SD card state is none of the following states.
present (1)	Device is present.
ipmiReady (2)	Device is IPMI ready.
fullReady (4)	Device is full ready.
offline (8)	Device is offline.
failed (16)	Device is failed.
active (32)	Device is active.
bootable (64)	Device is bootable.
writeProtect (128)	Device is write-protected.

standby (256) Device is in standby mode.

**Table 862. SD Card Device Card Licensed**

**Variable Name:**DellSDCardDeviceCardLicensed

**Data Type:**Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
unlicensed (0)	SD card is not licensed by system vendor.
licensed (1)	SD card is licensed by system vendor.
ipmiReady (2)	Device is IPMI ready.
fullReady (4)	Device is full ready.
offline (8)	Device is offline.
failed (16)	Device is failed.
active (32)	Device is active.
bootable (64)	Device is bootable.
writeProtect (128)	Device is write-protected.
standby (256)	Device is in standby mode.



## Slot Group

The Slot Group provides information about the types of slots that your system supports. This management information base (MIB) group also provides information about the voltages, capabilities, states, and settings that are possible for these slots.

### System Slot Group Table

The System Slot Group defines objects in the System Slot MIB table.

The following object sets up the System Slot Table:

**Table 863. System Slot Table**

<b>Name</b>	<code>systemSlotTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1200.10</code>
<b>Description</b>	Defines the System Slot Table.
<b>Syntax</b>	<code>IntegerSystemStateTableEntry</code>
<b>Access</b>	Not accessible

**Table 864. System Slot Table Entry**

<b>Name</b>	<code>systemSlotTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1200.10.1</code>
<b>Description</b>	Defines the System Slot Table entry.
<b>Syntax</b>	<code>IntegerSystemSlotTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>systemSlotchassisIndex</code> , <code>systemSlotIndex</code>

**Table 865. System Slot Chassis Index**

<b>Name</b>	<code>systemSlotchassisIndex</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1200.10.1.1</code>
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 866. System Slot Index**

<b>Name</b>	systemSlotIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.2
<b>Description</b>	Defines the index (one-based) of the system slot in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 867. System Slot State Capabilities Unique**

<b>Name</b>	systemSlotStateCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.3
<b>Description</b>	Defines the capabilities of the system slot.
<b>Syntax</b>	DellSystemSlotStateCapabilities ( <a href="#">System Slot State Capabilities</a> )
<b>Access</b>	Read-only

**Table 868. System Slot State Settings Unique**

<b>Name</b>	systemSlotStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.4
<b>Description</b>	Defines the state of the system slot.
<b>Syntax</b>	DellSystemSlotStateSettings ( <a href="#">System Slot State Settings</a> )
<b>Access</b>	Read-only

**Table 869. System Slot Status**

<b>Name</b>	systemSlotStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.5
<b>Description</b>	Defines the status of the system slot.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 870. System Slot Current Usage**

<b>Name</b>	systemSlotCurrentUsage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.6
<b>Description</b>	Defines the current usage of the system slot.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 871. System Slot Type**

<b>Name</b>	systemSlotType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.7
<b>Description</b>	Defines the type of the system slot.
<b>Syntax</b>	DellSystemSlotType ( <a href="#">System Slot Type</a> )
<b>Access</b>	Read-only

**Table 872. System Slot External Slot Name**

<b>Name</b>	systemSlotSlotExternalSlotName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.8
<b>Description</b>	Defines the external connector name of the system slot.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 873. System Slot Length**

<b>Name</b>	systemSlotLength
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.9
<b>Description</b>	Defines the length of the system slot.
<b>Syntax</b>	DellSystemSlotLength ( <a href="#">System Slot Length</a> )
<b>Access</b>	Read-only

**Table 874. System Slot Slot ID**

<b>Name</b>	systemSlotSlotID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.10
<b>Description</b>	Defines the slot identification number of the system slot. A zero (0) indicates that the slot is embedded on the motherboard.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 875. System Slot Category**

<b>Name</b>	systemSlotCategory
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.11
<b>Description</b>	Defines the system slot category.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 876. System Slot Hot-Plug Bus Width**

<b>Name</b>	systemSlotHotPlugBusWidth
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.12
<b>Description</b>	Defines the bus width of the hot-plug system slot.
<b>Syntax</b>	DellSystemSlotHotPlugBusWidth ( <a href="#">Hot-Plug Bus Width</a> )
<b>Access</b>	Read-only

**Table 877. System Slot Hot-Plug Slot Speed**

<b>Name</b>	systemSlotHotPlugSlotSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.13
<b>Description</b>	Defines the slot speed in megahertz of the hot-plug system slot. A zero (0) indicates that the slot speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 878. System Slot Hot-Plug Adapter Speed**

<b>Name</b>	systemSlotHotPlugAdapterSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1200.10.1.14
<b>Description</b>	Defines the adapter speed in megahertz of the hot-plug system slot. A zero (0) indicates that the slot speed is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

## System Slot Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 879. System Slot State Capabilities**

**Variable Name:** DellSystemSlotStateCapabilities

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
systemSlotHotPlugIsUnknown (1)	The system slot's capabilities are unknown.
systemSlotHotPlugIsHotPlugCapable (2)	The system slot supports hot-plug.
systemSlotHotPlugCanBePoweredOn (4)	The system slot power (and corresponding light-emitting diode [LED]) can be powered on.
systemSlotHotPlugCanSignalAttention (8)	The system slot attention state (and corresponding LED) can be set.



<code>systemSlotHotPlugCanSignalPowerFault (16)</code>	Power on fault (and corresponding LED) can be detected due to a short or overcurrent.
<code>systemSlotHotPlugCanSignalAdapterPresent (32)</code>	Adapter (card) present in slot (may not be powered) can be detected.
<code>systemSlotHotPlugCanSignalPowerButtonPressed (64)</code>	The system slot power button can be pressed to signal a toggle of the power state.
<code>canSupportAllHotPlugCapabilities (126)</code>	The system slot can support all hot-plug capabilities.
<code>systemSlotHotPlugIsUnknown (1)</code>	The system slot's capabilities are unknown.
<code>systemSlotCanProvide5Volts (128)</code>	The system slot can provide a 5-volt (V) supply.
<code>systemSlotCanProvide3Point3Volts (256)</code>	The system slot can provide a 3.3-V supply.
<code>systemSlotCanSignalIfShared (512)</code>	The system slot's opening, if shared with another slot, can be detected.
<code>systemSlotCanSupportCard16 (1024)</code>	The system slot can support PC Card-16.
<code>systemSlotCanSupportCardBus (2048)</code>	The system slot can support CardBus.
<code>systemSlotCanSupportZoomVideo (4096)</code>	The system slot can support Zoom Video.
<code>systemSlotCanSupportModemRingResume (8192)</code>	The system slot can support modem ring resume.
<code>systemSlotCanSupportPMESignal (16384)</code>	The system slot can support Power Management Enable (PME#) signal.
<code>canSupportAllSlotCapabilities (32640)</code>	The system slot can support all slot capabilities.

**Table 880. System Slot State Settings**

**Variable Name:** `DellSystemSlotStateSettings`

**Data Type:** Integer

**Possible Data Values**

<code>systemSlotHotPlugIsUnknown (1)</code>
<code>systemSlotHotPlugIsHotPluggable (2)</code>
<code>systemSlotHotPlugIsPoweredOn (4)</code>
<code>systemSlotHotPlugIsAtAttention (8)</code>
<code>systemSlotHotPlugIsHotPluggable (2)</code>
<code>systemSlotHotPlugIsPoweredOn (4)</code>
<code>systemSlotHotPlugIsAtAttention (8)</code>
<code>systemSlotHotPlugHasPowerFaulted (16)</code>

**Meaning of Data Value**

The system slot's capabilities are unknown.
The system slot supports hot-plug.
The system slot power (and corresponding LED) can be powered on.
The system slot attention state (and corresponding LED) can be set.
The system slot supports hot-plug.
The system slot power (and corresponding LED) is on.
The system slot attention state (and corresponding LED) is on.
Power on fault (and corresponding LED) was detected due to a short or overcurrent.

<code>systemSlotHotPlugAdapterIsPresent (32)</code>	Adapter (card) present in slot (may not be powered).
<code>systemSlotHotPlugAdapterPresentAndPoweredOn (36)</code>	Adapter (card) present in slot and powered.
<code>systemSlotHotPlugPowerButtonPressed (64)</code>	The system slot power button pressed to signal a toggle of the power state.
<code>systemSlotProvides5Volts (128)</code>	The system slot provides a 5-V supply.
<code>systemSlotProvides3Point3Volts (256)</code>	The system slot provides a 3.3-V supply.
<code>systemSlotIsShared (512)</code>	The slot's opening is shared with another slot.
<code>systemSlotSupportsCard16 (1024)</code>	The system slot supports PC Card-16.
<code>systemSlotSupportsCardBus (2048)</code>	The system slot supports CardBus.
<code>systemSlotSupportsZoomVideo (4096)</code>	The system slot supports zoom video.
<code>systemSlotSupportsModemRingResume (8192)</code>	The system slot supports modem ring resume.
<code>systemSlotSupportsPMESignal (16384)</code>	The system slot supports power management enable (PME#) signal.
<code>supportsPMEand3P3Vand5VandHotPluggable (16770)</code>	The system slot supports power management enable.
<code>supportsPMEand3P3Vand5VhasAdapterOn (16804)</code>	The system slot supports power management event (PME), supplies 3.3 V, and supplies 5 V. The adapter is on.
<code>supportsPMEand3P3Vand5VhasAdapterOnandisHotPluggable (16806)</code>	The system slot supports PME, supplies 3.3 V, and supplies 5 V. The adapter is on and the system slot is hot pluggable.
<code>supportsPMEand3P3VIsSharedand5VhasAdapterOnandisHotPluggable (17316)</code>	The system slot supports PME, supplies 3.3 V, supplies 5 V, and shares a slot opening. The adapter is on and the system slot is hot pluggable.

**Table 881. System Slot Type**

**Variable Name:** `DellSystemSlotType`

**Data Type:** Integer

**Possible Data Values**

`systemSlotIsOther (1)`

`systemSlotIsUnknown (2)`

`systemSlotIsISA (3)`

`systemSlotIsMCA (4)`

`systemSlotIsEISA (5)`

`systemSlotIsPCI (6)`

**Meaning of Data Value**

The system slot type is not one of following:

The system slot type is unknown.

The system slot is Industry Standard Architecture (ISA).

The system slot is Micro Channel Architecture (MCA).

The system slot is Extended Industry Standard Architecture (EISA).

The system slot is Peripheral Component Interconnect (PCI).

systemSlotIsPCMCIA (7) .	The system slot is compliant with the Personal Computer Memory Card International Association (PCMCIA) standards
systemSlotIsVLVESAs (8)	The system slot is Very Low Voltage Enterprise System Architecture (VLVESAs).
systemSlotIsProprietary (9)	The system slot is proprietary.
systemSlotIsProcessorCard (10)	The system slot is a processor card.
systemSlotIsProprietaryMemory (11)	The system slot is proprietary memory.
systemSlotIsIORiserCard (12)	The system slot is an I/O riser card.
systemSlotIsNuBUS (13)	The system slot is a NuBus.
systemSlotIsPCI66MHz (14) T	he system slot is a PCI66MHz.
systemSlotIsAGP (15)	The system slot is an Advanced Graphics Port (AGP).
systemSlotIsAGP2X (16)	The system slot is an AGP 2x card.
systemSlotIsAGP4X (17)	The system slot is an AGP 4x card.
systemSlotIsPC98C20 (18)	The system slot is a PC-98/C20.
systemSlotIsPC98C24 (19)	The system slot is a PC-98/C24.
systemSlotIsPC98E (20)	The system slot type is PC-98/E.
systemSlotIsPC98LocalBus (21)	The system slot type is a PC-98 local bus.
systemSlotIsPC98Card (22)	The system slot type is a PC-98 card.
systemSlotIsPCIX (23)	The system slot type is a PCIX card.
systemSlotIsPCIExpress (24)	The system slot type is a PCI Express card.
systemSlotIsAGP8X (25)	The system slot type is an AGP 8x card.
systemSlotIsPCIExpressX1 (166)	The system slot type is a PCI Express x1.
systemSlotIsPCIExpressX2 (167)	The system slot type is a PCI Express x2.
systemSlotIsPCIExpressX4 (168)	The system slot type is a PCI Express x4.
systemSlotIsPCIExpressX8 (169)	The system slot type is a PCI Express x8.
systemSlotIsPCIExpressX16 (170)	The system slot type is a PCI Express x16.
systemSlotIsPCIExpressGen2 (171)	The system slot type is PCI Express Gen 2.
systemSlotIsPCIExpressGen2X1 (172)	The system slot type is PCI Express Gen 2 x1.
systemSlotIsPCIExpressGen2X2 (173) .	The system slot type is PCI Express Gen 2 x2
systemSlotIsPCIExpressGen2X4 (174)	The system slot type is PCI Express Gen 2 x4.
systemSlotIsPCIExpressGen2X8 (175)	The system slot type is PCI Express Gen 2 x8.
systemSlotIsPCIExpressGen2X16 (176)	The system slot type is PCI Express Gen 2 x16.

**Table 882. System Slot Usage**

**Variable Name:** DellSystemSlotUsage

**Data Type:** Integer

**Possible Data Values**

systemSlotUsagelsOther(1)  
systemSlotUsagelsUnknown(2)  
systemSlotUsagelsAvailable(3)  
systemSlotUsagelsInUse(4)

**Meaning of Data Value**

The system slot usage is not one of following:  
The system slot usage is unknown.  
The system slot is available.  
The system slot is in use.

**Table 883. System Slot Length**

**Variable Name:** DellSystemSlotLength

**Data Type:** Integer

**Possible Data Values**

systemSlotLengthIsOther(1)  
systemSlotLengthIsUnknown(2)  
systemSlotLengthIsShort(3)  
systemSlotLengthIsLong(4)

**Meaning of Data Value**

The system slot length is not one of following:  
The system slot length is unknown.  
The system slot length is short.  
The system slot length is long.

**Table 884. System Slot Category**

**Variable Name:** DellSystemSlotCategory

**Data Type:** Integer

**Possible Data Values**

systemSlotCategoryIsOther(1)  
systemSlotCategoryIsUnknown(2)  
systemSlotCategoryIsBusConnector(3)  
systemSlotCategoryIsPCMCIA(4)  
systemSlotCategoryIsMotherboard(5)

**Meaning of Data Value**

The system slot category is not one of following:  
The system slot category is unknown.  
The system slot is a bus connector.  
The system slot category is PCMCIA.  
The system slot is a motherboard.

**Table 885. Hot-Plug Bus Width**

**Variable Name:** DellSystemSlotHotPlugBusWidth

**Data Type:** Integer


**Possible Data Values**


busWidthIsOther(1)  
busWidthIsUnknown(2)  
busWidthIs8bits(3)

**Meaning of Data Value**

The system slot bus width is not one of following:  
The system slot bus width is unknown.  
The system slot bus width is 8 bits.

busWidthIs16bits(4)	The system slot bus width is 16 bits.
busWidthIs32bits(5)	The system slot bus width is 32 bits.
busWidthIs64bits(6)	The system slot bus width is 64 bits.
busWidthIs128bits(7)	The system slot bus width is 128 bits.
busWidthIs1x0rx1(8)	The system slot bus width is 1x or x1.
busWidthIs2x0rx2(9)	The system slot bus width is 2x or x2.
busWidthIs4x0rx4(10)	The system slot bus width is 4x or x4.
busWidthIs8x0rx8(11)	The system slot bus width is 8x or x8.
busWidthIs12x0rx12(12)	The system slot bus width is 12x or x12.
busWidthIs16x0rx16(13)	The system slot bus width is 16x or x16.
busWidthIs32x0rx32(14)	The system slot bus width is 32x or x32.

 **NOTE:** System slot bus width of type n bits are for parallel buses such as PCI.

 **NOTE:** System slot bus width of type nx or xn are for serial buses such as PCI Express.



# Memory Group

The Memory Group provides information about the physical memory in your system. Variables in this group include error correction type, location, and different types of memory use, such as cache, flash, system, video, and nonvolatile memory.

## Physical Memory Tables

The following management information base (MIB) tables define the objects in the Memory Group:

- [Physical Memory Array Table](#)
- [Physical Memory Array Mapped Table](#)
- [Physical Memory Configuration Table](#)
- [Physical Memory Logging Table](#)
- [Redundant Memory Unit Table](#)
- [Physical Memory Card Table](#)

### Physical Memory Array Table

The physical memory array is the entire physical memory of a system. The example that follows shows variable values for a system that has one 128-megabyte (MB) dual in-line memory module (DIMM):

- `physicalMemoryArrayMaximumSize` = 2,097,152 kilobytes (KB) or 2 gigabytes (GB)
- `physicalMemoryArrayTotalNumberSockets` = 4 (the example system has four DIMM slots on the motherboard)
- `physicalMemoryArrayInUseNumberSockets` = 1 (there is only one DIMM installed)

The Rank of the DIMM are :

- **0** — Unknown
- **1** — Single
- **2** — Dual
- **4** — Quad
- **8** — Octal
- **16** — Hexa

The following object sets up the Physical Memory Array Table:

**Table 886. Physical Memory Array Table**

<b>Name</b>	<code>physicalMemoryArrayTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10
<b>Description</b>	Defines the Physical Memory Array Table.

<b>Syntax</b>	PhysicalMemoryArrayTableEntry
<b>Access</b>	Not accessible

**Table 887. Physical Memory Array Table Entry**

<b>Name</b>	physicalMemoryArrayTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1
<b>Description</b>	Defines the Physical Memory Array Table entry.
<b>Syntax</b>	PhysicalMemoryArrayTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	physicalMemoryArraychassisIndex , physicalMemoryArrayIndex

**Table 888. Physical Memory Array Chassis Index**

<b>Name</b>	physicalMemoryArraychassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 889. Physical Memory Array Index**

<b>Name</b>	physicalMemoryArrayIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.2
<b>Description</b>	Defines the index (one-based) of the physical memory array in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 890. Physical Memory Array State Capabilities**

<b>Name</b>	physicalMemoryArrayStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.3
<b>Description</b>	Defines the capabilities of the physical memory array.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only



**Table 891. Physical Memory Array State Settings**

<b>Name</b>	physicalMemoryArrayStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.4
<b>Description</b>	Defines the state of the physical memory array.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	read-write

**Table 892. Physical Memory Array Status**

<b>Name</b>	physicalMemoryArrayStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.5
<b>Description</b>	Defines the status of the physical memory array.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 893. Physical Memory Array Use**

<b>Name</b>	physicalMemoryArrayUse
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.6
<b>Description</b>	Defines the use of the physical memory array.
<b>Syntax</b>	DellPhysicalMemoryArrayUse (See <a href="#">Physical Memory Array ECC Type Definitions</a> )
<b>Access</b>	Read-only

**Table 894. Physical Memory Array Error Checking and Correcting (ECC) Type**

<b>Name</b>	physicalMemoryArrayECCType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.7
<b>Description</b>	Defines the ECC type used by the physical memory array.
<b>Syntax</b>	DellPhysicalMemoryArrayECCType (See <a href="#">Physical Memory Array ECC Type Definitions</a> )
<b>Access</b>	Read-only

**Table 895. Physical Memory Array Location**

<b>Name</b>	physicalMemoryArrayLocation
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.8
<b>Description</b>	Defines the location of the physical memory array.
<b>Syntax</b>	DellPhysicalMemoryArrayLocation (See <a href="#">Physical Memory Array Location</a> )
<b>Access</b>	Read-only

**Table 896. Physical Memory Array Maximum Size**

<b>Name</b>	<code>physicalMemoryArrayMaximumSize</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.9
<b>Description</b>	Defines the size in KB of the physical memory array.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 897. Physical Memory Array Total Number Sockets**

<b>Name</b>	<code>physicalMemoryArrayTotalNumberSockets</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.10
<b>Description</b>	Defines the total number of memory sockets available for the physical memory array.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 898. Physical Memory Array In Use Number Sockets**

<b>Name</b>	<code>physicalMemoryArrayInUseNumberSockets</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.11
<b>Description</b>	Defines the total number of memory sockets in use by the physical memory array.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 899. Physical Memory Array ECC Error Nonrecoverable Threshold**

<b>Name</b>	<code>physicalMemoryArrayECCErrorNonRecoverbeThreshold</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.12
<b>Description</b>	Defines the value of the physical memory array Error Checking and Correction (ECC) error nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 900. Physical Memory Array ECC Error Critical Threshold**

<b>Name</b>	<code>physicalMemoryArrayECCErrorCriticalThreshold</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.13
<b>Description</b>	Defines the value of the physical memory array ECC error critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 901. Physical Memory Array ECC Error Noncritical Threshold**

<b>Name</b>	<code>physicalMemoryArrayECCErrorNonCriticalThreshold</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.14
<b>Description</b>	Defines the value of the physical memory array ECC error noncritical threshold.
<b>Syntax</b>	<code>DellSigned32BitRange</code>
<b>Access</b>	read-write

**Table 902. Physical Memory Array Redundant Memory Unit Index Reference**

<b>Name</b>	<code>physicalMemoryArrayRedundantMemoryUnitIndexReference</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.10.1.15
<b>Description</b>	Defines the index to the associated Redundant Memory Unit in this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

## Physical Memory Array Mapped Table

The physical memory array is divided into memory array mapped addresses.

The following object sets up the Physical Memory Array Mapped Table:

**Table 903. Physical Memory Array Mapped Table**

<b>Name</b>	<code>physicalMemoryArrayMappedTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20
<b>Description</b>	Defines the Physical Memory Array Mapped Table.
<b>Syntax</b>	<code>PhysicalMemoryArrayMappedTableEntry</code>
<b>Access</b>	Not accessible

**Table 904. Physical Memory Array Mapped Table Entry**

<b>Name</b>	<code>PhysicalMemoryArrayMappedTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1
<b>Description</b>	Defines the Physical Memory Array Mapped Table entry.
<b>Syntax</b>	<code>PhysicalMemoryArrayMappedTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>physicalMemoryArrayMappedchassisIndex</code> , <code>physicalMemoryArrayMappedIndex</code>

**Table 905. Physical Memory Array Mapped Chassis Index**

<b>Name</b>	<code>physicalMemoryArrayMappedchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 906. Physical Memory Array Mapped Index**

<b>Name</b>	<code>physicalMemoryArrayMappedIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.2
<b>Description</b>	Defines the index (one-based) of the memory array mapped address in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 907. Physical Memory Array Mapped State Capabilities**

<b>Name</b>	<code>physicalMemoryArrayMappedStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.3
<b>Description</b>	Defines the capabilities of the memory array mapped address.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 908. Physical Memory Array Mapped State Settings**

<b>Name</b>	<code>physicalMemoryArrayMappedStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.4
<b>Description</b>	Defines the state of the memory array mapped address.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 909. Physical Memory Array Mapped Status**

<b>Name</b>	<code>physicalMemoryArrayMappedStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.5
<b>Description</b>	Defines the status of the memory array mapped address.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 910. Physical Memory Array Index Reference**

<b>Name</b>	<code>physicalMemoryArrayIndexReference</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.6
<b>Description</b>	Defines the index to the associated physical memory array in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 911. Physical Memory Array Mapped Starting Address**

<b>Name</b>	<code>physicalMemoryArrayMappedStartingAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.7
<b>Description</b>	Defines the physical starting address in KB of the memory array mapped address.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 912. Physical Memory Array Mapped Ending Address**

<b>Name</b>	<code>physicalMemoryArrayMappedEndingAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.8
<b>Description</b>	Defines the physical ending address in KB of the memory array mapped address.
<b>Syntax</b>	DellUnsigned64BitRange
<b>Access</b>	Read-only

**Table 913. Physical Memory Array Mapped Partition Width**

<b>Name</b>	<code>physicalMemoryArrayMappedPartitionWidth</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.20.1.9
<b>Description</b>	Defines the number of memory devices that form a single row in the memory array mapped address. A zero (0) indicates that the number is unknown.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

## Physical Memory Configuration Table

This table defines how the physical memory of a system chassis is set up, for example, which redundant memory types are supported and whether redundant memory is active.

The following object sets up the Physical Memory Configuration Table:

**Table 914. Physical Memory Configuration Table**

<b>Name</b>	<code>physicalMemoryConfigTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30

<b>Description</b>	Defines the Physical Memory Configuration Table.
<b>Syntax</b>	SEQUENCE OF PhysicalMemoryConfigTableEntry
<b>Access</b>	Not accessible

**Table 915. Physical Memory Configuration Table Entry**

<b>Name</b>	physicalMemoryConfigTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1
<b>Description</b>	Defines the Physical Memory Configuration Table entry.
<b>Syntax</b>	PhysicalMemoryConfigTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	physicalMemoryConfigChassisIndex , physicalMemoryConfigIndex

**Table 916. Physical Memory Configuration Chassis Index**

<b>Name</b>	physicalMemoryConfigChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.1
<b>Description</b>	Defines the index (one-based) of the chassis associated with the physical memory configuration.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 917. Physical Memory Configuration Index**

<b>Name</b>	physicalMemoryConfigIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.2
<b>Description</b>	Defines the index (one-based) of the physical memory configuration.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 918. Physical Memory Configuration State Capabilities**

<b>Name</b>	physicalMemoryConfigStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.3
<b>Description</b>	Defines the state capabilities of the physical memory configuration.
<b>Syntax</b>	DellPhysicalMemoryConfigStateCapabilities
<b>Access</b>	Read-only

**Table 919. Physical Memory Configuration State Settings**

<b>Name</b>	<code>physicalMemoryConfigStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.4
<b>Description</b>	Defines the state settings of the physical memory configuration.
<b>Syntax</b>	<code>DellPhysicalMemoryConfigStateSettings</code>
<b>Access</b>	Read-write

**Table 920. Physical Memory Configuration Status**

<b>Name</b>	<code>physicalMemoryConfigStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.5
<b>Description</b>	Defines the status of the physical memory configuration.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 921. Physical Memory Configuration Redundant Capabilities**

<b>Name</b>	<code>physicalMemoryConfigRedundantCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.6
<b>Description</b>	Defines the redundant capabilities of the physical memory.
<b>Syntax</b>	<code>DellPhysicalMemoryConfigRedundantCapabilities</code>
<b>Access</b>	Read-only

**Table 922. Physical Memory Configuration Redundant Settings**

<b>Name</b>	<code>physicalMemoryConfigRedundantSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.7
<b>Description</b>	Defines the redundant settings of the physical memory.
<b>Syntax</b>	<code>DellPhysicalMemoryConfigRedundantSettings</code>
<b>Access</b>	Read-write

**Table 923. Physical Memory Configuration MOM Capabilities**

<b>Name</b>	<code>physicalMemoryConfigMOMCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.8
<b>Description</b>	Defines the Memory Operating Mode capabilities of the physical memory.
<b>Syntax</b>	<code>DellPhysicalMemoryConfigMOMCapabilities</code>
<b>Access</b>	Read-only

**Table 924. Physical Memory Configuration MOM Settings**

<b>Name</b>	<code>physicalMemoryConfigMOMSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.30.1.9
<b>Description</b>	Defines the Memory Operating Mode settings of the physical memory.
<b>Syntax</b>	<code>DellPhysicalMemoryConfigMOMSettings</code>
<b>Access</b>	Read-only

## Physical Memory Logging Table

This table defines the conditions for logging system memory events.

The following object sets up the Physical Memory Logging Table:

**Table 925. Physical Memory Logging Table**

<b>Name</b>	<code>physicalMemoryLoggingTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40
<b>Description</b>	Defines the Physical Memory Logging Table.
<b>Syntax</b>	SEQUENCE OF <code>PhysicalMemoryLoggingTableEntry</code>
<b>Access</b>	Not accessible

**Table 926. Physical Memory Logging Table Entry**

<b>Name</b>	<code>physicalMemoryLoggingTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1
<b>Description</b>	Defines the Physical Memory Logging Table entry.
<b>Syntax</b>	<code>PhysicalMemoryLoggingTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>physicalMemoryLoggingChassisIndex</code> , <code>physicalMemoryLoggingIndex</code>

**Table 927. Physical Memory Logging Chassis Index**

<b>Name</b>	<code>physicalMemoryLoggingChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1.1
<b>Description</b>	Defines the index (one-based) of the chassis associated with the physical memory logging.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only



**Table 928. Physical Memory Logging Index**

<b>Name</b>	<code>physicalMemoryLoggingIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1.2
<b>Description</b>	Defines the index (one-based) of the physical memory logging.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 929. Physical Memory Logging Capabilities**

<b>Name</b>	<code>physicalMemoryLoggingCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1.3
<b>Description</b>	Defines the capabilities of the physical memory logging.
<b>Syntax</b>	<code>DellPhysicalMemoryLoggingCapabilities</code>
<b>Access</b>	Read-only

**Table 930. Physical Memory Logging Settings**

<b>Name</b>	<code>physicalMemoryLoggingSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1.4
<b>Description</b>	Defines the settings of the physical memory logging.
<b>Syntax</b>	<code>DellPhysicalMemoryLoggingSettings</code>
<b>Access</b>	Read-write

**Table 931. Physical Memory Logging Status**

<b>Name</b>	<code>physicalMemoryLoggingStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.40.1.5
<b>Description</b>	Defines the status of the physical memory logging.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

## Redundant Memory Unit Table

This table reports the status of redundant memory within a particular system chassis.

The following object sets up the Redundant Memory Unit Table:

**Table 932. Redundant Memory Unit Table**

<b>Name</b>	<code>redundantMemoryUnitTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50
<b>Description</b>	Defines the Redundant Memory Unit Table.
<b>Syntax</b>	SEQUENCE OF <code>RedundantMemoryUnitTableEntry</code>

**Access** Not accessible

**Table 933. Redundant Memory Unit Table Entry**

<b>Name</b>	redundantMemoryUnitTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1
<b>Description</b>	Defines the Redundant Memory Unit Table entry.
<b>Syntax</b>	RedundantMemoryUnitTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	redundantMemoryUnitChassisIndex , redundantMemoryUnitIndex

**Table 934. Redundant Memory Unit Chassis Index**

<b>Name</b>	redundantMemoryUnitChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.1
<b>Description</b>	Defines the index (one-based) of the chassis associated with the redundant memory unit.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 935. Redundant Memory Unit Index**

<b>Name</b>	redundantMemoryUnitIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.2
<b>Description</b>	Defines the index (one-based) of the redundant memory unit.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 936. Redundant Memory Unit State Capabilities**

<b>Name</b>	redundantMemoryUnitStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.3
<b>Description</b>	Defines the state capabilities of the redundant memory unit.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 937. Redundant Memory Unit State Settings**

<b>Name</b>	redundantMemoryUnitStatesettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.4
<b>Description</b>	Defines the state settings of the redundant memory unit.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 938. Redundant Memory Unit Redundancy Status**

<b>Name</b>	redundantMemoryUnitRedundancyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.5
<b>Description</b>	Defines the redundancy status of the redundant memory unit.
<b>Syntax</b>	DellStatusRedundancy
<b>Access</b>	Read-only

**Table 939. Redundant Memory Unit Name**

<b>Name</b>	redundantMemoryUnitName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.6
<b>Description</b>	Defines the name of the redundant memory unit.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 940. Redundant Memory Unit Status**

<b>Name</b>	redundantMemoryUnitStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.50.1.7
<b>Description</b>	Defines the status of the redundant memory unit.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

## Physical Memory Card Table

This table defines the name of the memory card, the total number of device slots present on the memory card, and the number of memory device slots in use on the memory card.

The following objects set up the Physical Memory Card Table:

**Table 941. Physical Memory Card Table**

<b>Name</b>	physicalMemoryCardTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60

<b>Description</b>	Defines the Physical Memory Card Table.
<b>Syntax</b>	SEQUENCE OF PhysicalMemoryCardTableEntry
<b>Access</b>	Not accessible

**Table 942. Physical Memory Card Table Entry**

<b>Name</b>	physicalMemoryCardTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1
<b>Description</b>	Defines the Physical Memory Card Table Entry.
<b>Syntax</b>	PhysicalMemoryCardTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	physicalMemoryCardChassisIndex , physicalMemoryCardIndex

**Table 943. Physical Memory Card Chassis Index**

<b>Name</b>	physicalMemoryCardChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 944. Physical Memory Card Index**

<b>Name</b>	physicalMemoryCardIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.2
<b>Description</b>	Defines the index (one-based) of the Physical Memory Card.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 945. Physical Memory Card State Capabilities**

<b>Name</b>	physicalMemoryCardStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.3
<b>Description</b>	Defines the state capabilities of the Physical Memory Card.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 946. Physical Memory Card State Settings**

<b>Name</b>	<code>physicalMemoryCardStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.4
<b>Description</b>	Defines the state settings of the Physical Memory Card.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 947. Physical Memory Card Status**

<b>Name</b>	<code>physicalMemoryCardStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.5
<b>Description</b>	Defines the status of the Physical Memory Card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 948. Physical Memory Card Name**

<b>Name</b>	<code>physicalMemoryCardName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.6
<b>Description</b>	Defines the name of the Physical Memory Card.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 949. Physical Memory Card Total Number Sockets**

<b>Name</b>	<code>physicalMemoryCardTotalNumberSockets</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.7
<b>Description</b>	Defines the total number of memory sockets available on the Physical Memory Card. 2,147,483,647 indicates an unknown number of sockets.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 950. Physical Memory Card In Use Number Sockets**

<b>Name</b>	<code>physicalMemoryCardInUseNumberSockets</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.8
<b>Description</b>	Defines the number of memory sockets in use on the Physical Memory Card. Zero indicates that the Physical Memory Card is not installed or has a configuration error.
<b>Syntax</b>	DellUnsigned32BitRange

**Access** Read-only

**Table 951. Physical Memory Card Physical Memory Array Index Reference**

<b>Name</b>	physicalMemoryCardPhyMemArrayIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1300.60.1.9
<b>Description</b>	Defines the index (one-based) of the Physical Memory Array Table entry for the physical memory array with the same chassis index that this physical memory card is associated with.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

## Memory Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 952. Physical Memory Array Location**

**Variable Name:** DellPhysicalMemoryArrayLocation

**Data Type:** Integer

### Possible Data Values

memoryArrayLocationIsOther (1)

memoryArrayUseIsUnknown (2)

memoryArrayUseIsSystemMemory (3)

memoryArrayUseIsVideoMemory (4)

memoryArrayUseIsFLASHMemory (5)

memoryArrayUseIsNonVolatileRAMMemory (6)

memoryArrayUseIsCacheMemory (7)

memoryArrayLocationIsPCMCIA (8)

memoryArrayLocationIsProprietary (9)

memoryArrayLocationIsNUBUS (10)

memoryArrayLocationIsPC98C20 (11)

memoryArrayLocationIsPC98C24 (12)

memoryArrayLocationIsPC98E (13)

memoryArrayLocationIsPC98LocalBus (14)

memoryArrayLocationIsPC98Card (15)

### Meaning of Data Value

The memory array location is not one of the following:

The memory array use is unknown.

The memory array is system memory.

The memory array is video memory.

The memory array is FLASH memory.

The memory array is nonvolatile RAM.

The memory array is cache memory.

The memory array location is a Personal Computer Memory Card International Association (PCMCIA) option card.

The memory array location is a proprietary option card.

The memory array location is a NuBus bus.

The memory array location is a PC-98/C20 option card.

The memory array location is a PC-98/C24 option card.

The memory array location is a PC-98/E option card.

The memory array location is a PC-98/Local bus option card.

The memory array location is a PC-98/Card slot option card.

**Table 953. Physical Memory Array ECC Type Definitions**

**Variable Name:** DellPhysicalMemoryArrayECCType

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

memoryArrayECCTypeIsOther (1)

There is not one of the following:

memoryArrayECCTypeIsUnknown (2)

The memory array ECC type is unknown.

memoryArrayECCTypeIsNone (3)

The memory array ECC type is none.

memoryArrayECCTypeIsParity (4)

The memory array ECC type is parity.

memoryArrayECCTypeIsSingleBitECC (5)

The memory array ECC type is Correctable Memory Event ECC.

memoryArrayECCTypeIsMultiBitECC (6)

The memory array ECC type is Uncorrectable Memory Event ECC.

memoryArrayECCTypeIsCRC (7)

The memory array ECC type is CRC.

**Table 954. Physical Memory Configuration State Capabilities**

**Variable Name:** DellPhysicalMemoryConfigStateCapabilities

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

If set to 0 (zero)

There are no state capabilities.

unknownCapabilities (1)

State capabilities are unknown.

enableCapable (2)

Object enable/disable is supported.

notReadyCapable (4)

Object not ready is supported.

**Table 955. Physical Memory Configuration State Settings**

**Variable Name:** DellPhysicalMemoryConfigStateSettings

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

If set to 0 (zero)

There are no state settings.

unknown (1)

State settings are unknown.

enabled (2)

Object is disabled (offline) 0, or enabled (online) 1.

notReady (4)

Object *not ready*.

redundantMemoryIsActive (8)

Redundant memory is active (in use).

enabledAndRedundantMemoryIsActive (10)

Redundant memory is enabled and in use.

**Table 956. Physical Memory Configuration Redundant Capabilities**

**Variable Name:** DellPhysicalMemoryConfigRedundantCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no redundant memory capabilities.
unknownCapabilities (1)	Redundant capabilities are unknown.
The redundant capabilities are:	Spare redundant memory feature is supported.
spareCapable (2)	
mirrorCapable (4)	Mirror redundant memory feature is supported.
spareAndMirrorCapable (6)	Spare and mirror redundant memory features are supported.
raidCapable (8)	Redundant Array of Independent disks (RAID) redundant memory feature is supported.
dddcCapable (16)	DDDC redundancy is supported.

**Table 957. Physical Memory Configuration Redundant Settings**

**Variable Name:** DellPhysicalMemoryConfigRedundantSettings

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no redundant memory settings enabled.
unknown (1)	Redundant settings are unknown.
The following redundant settings are mutually exclusive:	
spareEnabled (2)	Spare redundant memory feature is enabled.
mirrorEnabled (4)	Mirror redundant memory feature is enabled.
raidEnabled (8)	RAID redundant memory feature is enabled.
dddcCapable (16)	DDDC redundancy is enabled.

**Table 958. Physical Memory Logging Capabilities**

**Variable Name:** DellPhysicalMemoryLoggingCapabilities

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
If set to 0 (zero)	There are no logging capabilities.
unknown Capabilities (1)	Logging capabilities are unknown.
The logging capabilities are:	Logging enable/disable using Simple Network Management Protocol (SNMP) is supported.
enableCapable (2)	



**Table 959. Physical Memory Logging Settings**

**Variable Name:** DellPhysicalMemoryLoggingSettings

**Data Type:** Integer

**Possible Data Values**

If set to 0 (zero)

Capabilities (1)

The logging settings are:  
enabled(2)

**Meaning of Data Value**

There are no logging settings enabled. unknown

Logging capabilities are unknown.

Logging is disabled (0), or enabled (1).



## BIOS Setup Control Group

Basic Input/Output System (BIOS) Setup Control Group variables provide information about the functions that the BIOS performs in your system. This management information base (MIB) group includes variables for the boot sequence, speakers, diskettes, ports, network interface controllers (NICs), and the Wakeup on local area network (LAN) feature.

### BIOS Setup Control Group Tables

The MIB tables in this group define the BIOS control of devices and controller cards that are typically present in a system.

- [BIOS Setup Control Table](#)
- [SCSI Control Table](#)
- [Parallel Port Control Table](#)
- [Serial Port Control Table](#)
- [USB Control Table](#)
- [IDE Control Table](#)
- [Diskette Control Table](#)
- [Network Interface Control Table](#)

The following MIB table in the BIOS Setup Control Group is supported on Dell PowerEdge xx2x (12G) systems:

- [BIOS Setting Table](#)

### BIOS Setup Control Group Tables

**Table 960. BIOS Setup Control Table**

<b>Name</b>	biosSetUpControlTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10
<b>Description</b>	Defines the set of single devices in a chassis controlled by the BIOS.
<b>Syntax</b>	BiosSetUpControlTableEntry
<b>Access</b>	Not accessible

**Table 961. BIOS Setup Control Table Entry**

<b>Name</b>	biosSetUpControlTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1
<b>Description</b>	Defines the BIOS Control Device Table entry.
<b>Syntax</b>	BiosSetUpControlTableEntry

<b>Access</b>	Not accessible
<b>Index</b>	biosSetUpControlchassisIndex

**Table 962. BIOS Setup Control Chassis Index**

<b>Name</b>	biosSetUpControlchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 963. BIOS Setup Control (BSUC) Pointing Device Control Capabilities**

<b>Name</b>	bSUCpointingDeviceControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.2
<b>Description</b>	Defines the capabilities of the pointing device.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 964. BIOS Setup Control Pointing Device Control Settings**

<b>Name</b>	bSUCpointingDeviceControlSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.3
<b>Description</b>	Defines the state of the pointing device.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 965. BIOS Setup Control Pointing Device Control Status**

<b>Name</b>	bSUCpointingDeviceControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.4
<b>Description</b>	Defines the status of the pointing device.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 966. BIOS Setup Control Pointing Device Control Name**

<b>Name</b>	bSUCpointingDeviceControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.5
<b>Description</b>	Defines the setup BIOS name of the pointing device.
<b>Syntax</b>	DellString

**Access** Read-only

**Table 967. BIOS Setup Control Numeric Lock Control Capabilities**

**Name** bSUCnumLockControlCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.6  
**Description** Defines the capabilities of the numeric lock.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 968. BIOS Setup Control Numeric Lock Control Settings**

**Name** bSUCnumLockControlSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.7  
**Description** Defines the state of the numeric lock.  
**Syntax** DellStateSettings  
**Access** Read-only

**Table 969. BIOS Setup Control Numeric Lock Control Status**

**Name** bSUCnumLockControlStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.8  
**Description** Defines the status of the numeric lock.  
**Syntax** DellStatus  
**Access** Read-only

**Table 970. BIOS Setup Control Numeric Lock Control Name**

**Name** bSUCnumLockControlName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.9  
**Description** Defines the setup BIOS name of the numeric lock.  
**Syntax** DellString  
**Access** Read-only

**Table 971. BIOS Setup Control Processor Serial Number Control Capabilities**

**Name** bSUCprocessorSerialNumberControlCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.10  
**Description** Defines if the processor serial number can be returned.  
**Syntax** DellStateCapabilities

**Access** Read-only

**Table 972. BIOS Setup Control Processor Serial Number Control Settings**

**Name** bSUCprocessorSerialNumberControlSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.11  
**Description** Defines the state of the processor serial number.  
**Syntax** DellStateSettings  
**Access** Read-only

**Table 973. BIOS Setup Control Processor Serial Number Control Status**

**Name** bSUCprocessorSerialNumberControlStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.12  
**Description** Defines the status of the processor serial number.  
**Syntax** DellStatus  
**Access** Read-only

**Table 974. BIOS Setup Control Processor Serial Number Control Name**

**Name** bSUCprocessorSerialNumberControlName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.13  
**Description** Defines the setup BIOS name of the processor serial number.  
**Syntax** DellString  
**Access** Read-write

**Table 975. BIOS Setup Control Speaker Control Capabilities Unique**

**Name** bSUCspeakerControlCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.14  
**Description** Defines the capabilities of the speaker control.  
**Syntax** DellSpeakerControlCapabilitiesUnique (See [Speaker Control Capabilities Unique](#))  
**Access** Read-only

**Table 976. BIOS Setup Control Speaker Control Settings Unique**

**Name** bSUCspeakerControlSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.15  
**Description** Defines the settings available for speaker control.  
**Syntax** DellSpeakerControlSettingsUnique (See [Speaker Control Settings Unique](#))

**Access** Read-only

**Table 977. BIOS Setup Control Speaker Control Status**

**Name** bSUCspeakerControlStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.16  
**Description** Defines the status of speaker control.  
**Syntax** DellStatus  
**Access** Read-only

**Table 978. BIOS Setup Control Speaker Control Name**

**Name** bSUCspeakerControlName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.17  
**Description** Defines the setup BIOS name of the speaker control.  
**Syntax** DellString  
**Access** Read-only

**Table 979. BIOS Setup Control NIF Wakeup on LAN Control Capabilities Unique**

**Name** bSUCnIFwakeonLanControlCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.18  
**Description** Defines the defines the capabilities of the network interface function (NIF) Wakeup on LAN.  
**Syntax** DellNIFwakeonLanControlCapabilitiesUnique (See [Network Interface \(NIF\) Wakeup on LAN Capabilities Unique](#))  
**Access** Read-only

**Table 980. BIOS Setup Control NIF Wakeup on LAN Control Settings Unique**

**Name** bSUCnIFwakeonLanControlSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.19  
**Description** Defines the state of the NIF Wakeup on LAN.  
**Syntax** DellNIFwakeonLanControlSettingsUnique (See [NIF Wakeup on LAN Control Settings Unique](#))  
**Access** Read-only

**Table 981. BIOS Setup Control NIF Wakeup on LAN Control Status**

**Name** bSUCnIFwakeonLanControlStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.10.1.20  
**Description** Defines the status of the NIF Wakeup on LAN.

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 982. BIOS Setup Control NIF Wakeup on LAN Control Name**

<b>Name</b>	bSUCnIFwakeonLanControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.21
<b>Description</b>	Defines the setup BIOS name of the NIF Wakeup on LAN.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 983. BIOS Setup Control Boot Sequence Control Capabilities Unique**

<b>Name</b>	bSUCbootSequenceControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.22
<b>Description</b>	Defines the capabilities of the boot sequence.
<b>Syntax</b>	DellBootSequenceControlCapabilitiesUnique (See <a href="#">Boot Sequence Control Capabilities Unique</a> )
<b>Access</b>	Read-only

**Table 984. BIOS Setup Control Boot Sequence Control Settings Unique**

<b>Name</b>	DellBootSequenceControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.23
<b>Description</b>	Defines the state of the boot sequence.
<b>Syntax</b>	DellBootSequenceControlSettingsUnique (See <a href="#">Boot Sequence Control Settings Unique</a> )
<b>Access</b>	Read-only

**Table 985. BIOS Setup Control Boot Sequence Control Status**

<b>Name</b>	bSUCbootSequenceControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.24
<b>Description</b>	Defines the status of the boot sequence.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 986. BIOS Setup Control Boot Sequence Control Name**

<b>Name</b>	bSUCbootSequenceControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.25
<b>Description</b>	Defines the control name of the boot sequence.



<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 987. BIOS Setup Control Administrator Password Control Capabilities Unique**

<b>Name</b>	bSUCadministratorPasswordControlCapabilities Unique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.26
<b>Description</b>	Defines the capabilities of the administrator password control.
<b>Syntax</b>	DellBIOSPasswordControlCapabilitiesUnique
<b>Access</b>	Read-only

**Table 988. BIOS Setup Control Administrator Password Control Settings Unique**

<b>Name</b>	bSUCadministratorPasswordControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.27
<b>Description</b>	Defines the settings for administrator password control.
<b>Syntax</b>	DellBIOSPasswordControlSettingsUnique (See <a href="#">BIOS Password Control Settings Unique</a> )
<b>Access</b>	Read-write

**Table 989. BIOS Setup Control Administrator Password Control Status**

<b>Name</b>	bSUCadministratorPasswordControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.28
<b>Description</b>	Defines the status for administrator password control.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 990. BIOS Setup Control Administrator Password Verify Name**

<b>Name</b>	bSUCadministratorPasswordVerifyName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.29
<b>Description</b>	Defines the setup BIOS name for the current administrator password.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

**Table 991. BIOS Setup Control Administrator Password New Password Name**

<b>Name</b>	bSUCadministratorPasswordNewPasswordName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.30

<b>Description</b>	Defines the setup BIOS name of the new administrator password. To set a new administrator password, you must have successfully set the current administrator password immediately preceding this password change.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

**Table 992. BIOS Setup Control User Password Control Capabilities Unique**

<b>Name</b>	bSUCuserPasswordControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.31
<b>Description</b>	Defines the capabilities of user password control.
<b>Syntax</b>	DellBIOSPasswordControlCapabilitiesUnique
<b>Access</b>	Read-only

**Table 993. BIOS Setup Control User Password Control Settings Unique**

<b>Name</b>	bSUCuserPasswordControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.32
<b>Description</b>	Defines the control settings for user password control.
<b>Syntax</b>	DellBIOSPasswordControlSettingsUnique (See <a href="#">BIOS Password Control Settings</a> )
<b>Access</b>	Read-write

**Table 994. BIOS Setup Control User Password Control Status**

<b>Name</b>	bSUCuserPasswordControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.33
<b>Description</b>	Defines the status of the user password control.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 995. BIOS Setup Control User Password Verify Name**

<b>Name</b>	bSUCuserPasswordVerifyName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.34
<b>Description</b>	Defines the setup BIOS name of the current user password.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

**Table 996. BIOS Setup Control User Password New Password Name**

<b>Name</b>	bSUCuserPasswordNewPasswordName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.35

<b>Description</b>	Defines the setup BIOS name of the new user password. To set a new user password, a you must have successfully set the current user password immediately preceding this password change.
<b>Syntax</b>	DellString
<b>Access</b>	Read-write

**Table 997. BIOS Setup Control TPM Security Control Capabilities**

<b>Name</b>	bSUCtpmSecurityControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.36
<b>Description</b>	Defines the BIOS setup control capabilities of Trusted Platform Module (TPM) security.
<b>Syntax</b>	DellTPMSecurityControlCapabilities
<b>Access</b>	Read-only

**Table 998. BIOS Setup Control TPM Security Control Setting**

<b>Name</b>	bSUCtpmSecurityControlSetting
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.37
<b>Description</b>	Defines the BIOS setup control setting of Trusted Platform Module (TPM) security.
<b>Syntax</b>	DellTPMSecurityControlSetting
<b>Access</b>	Read-only

**Table 999. BIOS Setup Control TPM Security Control Status**

<b>Name</b>	bSUCtpmSecurityControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.38
<b>Description</b>	Defines the BIOS setup control status of Trusted Platform Module (TPM) security.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1000. BIOS Setup Control TPM Security Control Name**

<b>Name</b>	bSUCtpmSecurityControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.10.1.39
<b>Description</b>	Defines the BIOS setup control name of Trusted Platform Module (TPM) security.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## SCSI Control Table

**Table 1001. SCSI Control Table**

<b>Name</b>	sSCSIControlTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20
<b>Description</b>	Defines the Small Computer System Interface (SCSI) Control Table.
<b>Syntax</b>	SCSIControlTableEntry
<b>Access</b>	Not accessible

**Table 1002. SCSI Control Table Entry**

<b>Name</b>	sSCSIControlTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1
<b>Description x</b>	Defines the SCSI Control Table entry.
<b>Syntax</b>	SCSIControlTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	sSCSIControlchassisIndex , sSCSIControlIndex

**Table 1003. SCSI Control Chassis Index**

<b>Name</b>	sSCSIControlchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1004. SCSI Control Index**

<b>Name</b>	sSCSIControlIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.2
<b>Description</b>	Defines the index (one-based) of the SCSI controller in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1005. SCSI Control Capabilities**

<b>Name</b>	sSCSIControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.3
<b>Description</b>	Defines the capabilities of the SCSI controller.

<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1006. SCSI Control Settings**

<b>Name</b>	sSCSIControlSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.4
<b>Description</b>	Defines the state of the SCSI controller.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1007. SCSI Control Status**

<b>Name</b>	sSCSIControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.5
<b>Description</b>	Defines the status of the SCSI controller.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1008. SCSI Control Name**

<b>Name</b>	sSCSIControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.20.1.6
<b>Description</b>	Defines the setup BIOS name of the SCSI controller.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Parallel Port Control Table

**Table 1009. Parallel Port Control Table**

<b>Name</b>	parallelPortControlTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30
<b>Description</b>	Defines the Parallel Port Control Table.
<b>Syntax</b>	ParallelPortControlTableEntry
<b>Access</b>	Not accessible

**Table 1010. Parallel Port Control Table Entry**

<b>Name</b>	parallelPortControlTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1
<b>Description</b>	Defines the Parallel Port Control Table entry.
<b>Syntax</b>	ParallelPortControlTableEntry

<b>Access</b>	Not accessible
<b>Index</b>	parallelPortControlchassisIndex , parallelPortControlIndex

**Table 1011. Parallel Port Control Chassis Index**

<b>Name</b>	parallelPortControlchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1012. Parallel Port Control Index**

<b>Name</b>	parallelPortControlIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1.2
<b>Description</b>	Defines the index (one-based) of the parallel port in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1013. Parallel Port Control Capabilities Unique**

<b>Name</b>	parallelPortControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1.3
<b>Description</b>	Defines the capabilities of the parallel port.
<b>Syntax</b>	DellParallelPortControlCapabilitiesUnique (See <a href="#">Parallel Port Control Capabilities</a> )
<b>Access</b>	Read-only

**Table 1014. Parallel Port Control Settings Unique**

<b>Name</b>	parallelPortControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1.4
<b>Description</b>	Defines the state of the parallel port.
<b>Syntax</b>	DellParallelPortControlSettingsUnique (See <a href="#">Parallel Port Control Settings</a> )
<b>Access</b>	Read-only

**Table 1015. Parallel Port Control Status**

<b>Name</b>	parallelPortControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.30.1.5
<b>Description</b>	Defines the status of the parallel port.
<b>Syntax</b>	DellStatus

**Access** Read-only

**Table 1016. Parallel Port Control Name**

**Name** parallelPortControlName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.30.1.6  
**Description** Defines the setup BIOS name of the parallel port.  
**Syntax** DellString  
**Access** Read-only

**Table 1017. Parallel Port Control Mode Capabilities Unique**

**Name** parallelPortControlModeCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.30.1.7  
**Description** Defines the mode capabilities of the parallel port.  
**Syntax** DellParallelPortControlModeCapabilitiesUnique  
**Access** Read-only

**Table 1018. Parallel Port Control Mode Settings Unique**

**Name** parallelPortControlModeSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.30.1.8  
**Description** Defines the mode settings of the parallel port.  
**Syntax** DellParallelPortControlModeSettingsUnique (See [Parallel Port Control Mode Settings](#))  
**Access** Read-write

## Serial Port Control Table

**Table 1019. Serial Port Control Table**

**Name** serialPortControlTable  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40  
**Description** Defines the Serial Port Control Table.  
**Syntax** SerialPortControlTableEntry  
**Access** Not accessible

**Table 1020. Serial Port Control Table Entry**

**Name** serialPortControlTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1  
**Description** Defines the Serial Port Control Table entry.  
**Syntax** SerialPortControlTableEntry  
**Access** Not accessible

**Index** serialPortControlchassisIndex  
,  
serialPortControlIndex

**Table 1021. Serial Port Control Chassis Index**

**Name** serialPortControlchassisIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1.1  
**Description** Defines index (one-based) of this chassis.  
**Syntax** DellObjectRange  
**Access** read-only

**Table 1022. Serial Port Control Index**

**Name** serialPortControlIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1.2  
**Description** Defines the index (one-based) of the serial port in this chassis.  
**Syntax** DellObjectRange  
**Access** read-only

**Table 1023. Serial Port Control Capabilities Unique**

**Name** serialPortControlCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1.3  
**Description** Defines the capabilities of the serial port.  
**Syntax** DellSerialPortControlCapabilitiesUnique (See [Serial Port Control Capabilities](#))  
**Access** Read-only

**Table 1024. Serial Port Control Settings Unique**

**Name** serialPortControlSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1.4  
**Description** Defines the settings of the serial port.  
**Syntax** DellSerialPortControlSettingsUnique (See [Serial Port Control Settings](#))  
**Access** Read-only

**Table 1025. Serial Port Control Status**

**Name** serialPortControlStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.40.1.5  
**Description** Defines the status of the serial port.  
**Syntax** DellStatus  
**Access** Read-only



**Table 1026. Serial Port Control Name**

<b>Name</b>	<code>serialPortControlName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.40.1.6
<b>Description</b>	Defines the setup BIOS name of the serial port.
<b>Syntax</b>	<code>DellString</code>
<b>Access</b>	Read-only

## USB Control Table

These objects enable you to track the attributes of your Universal Serial Bus (USB).

**Table 1027. USB Control Table**

<b>Name</b>	<code>usbControlTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50
<b>Description</b>	Defines the USB Table.
<b>Syntax</b>	<code>UsbControlTableEntry</code>
<b>Access</b>	Not accessible

**Table 1028. USB Control Table Entry**

<b>Name</b>	<code>usbControlTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1
<b>Description</b>	Defines the USB Table entry.
<b>Syntax</b>	<code>UsbControlTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>usbControlchassisIndex</code> , <code>usbControlIndex</code>

**Table 1029. USB Control Chassis Index**

<b>Name</b>	<code>usbControlchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.1
<b>Description</b>	Defines index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 1030. USB Control Index**

<b>Name</b>	<code>usbControlIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.2
<b>Description</b>	Defines the index (one-based) of the USB in this chassis.

<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1031. USB Control Capabilities**

<b>Name</b>	usbControlCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.3
<b>Description</b>	Defines the capabilities of the USB.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1032. USB Control Settings**

<b>Name</b>	usbControlSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.4
<b>Description</b>	Defines the control settings for the USB.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1033. USB Control Status**

<b>Name</b>	usbControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.5
<b>Description</b>	Defines the status of the USB.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1034. USB Control Name**

<b>Name</b>	usbControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.50.1.6
<b>Description</b>	Defines the setup BIOS name of the USB.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## IDE Control Table

These objects enable you to track the attributes of Integrated Device Electronics (IDE) controller cards in your system.

**Table 1035. IDE Control Table**

<b>Name</b>	ideControlTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.60
<b>Description</b>	Defines the IDE Control Table.
<b>Syntax</b>	IdeControlTableEntry

**Access** Not accessible

**Table 1036. IDE Control Table Entry**

**Name** ideControlTableEntry  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1  
**Description** Defines the IDE Control Table entry.  
**Syntax** IdeControlTableEntry  
**Access** Not accessible  
**Index** ideControlchassisIndex  
,  
ideControlIndex

**Table 1037. IDE Control Chassis Index**

**Name** ideControlchassisIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 1038. IDE Control Index**

**Name** ideControlIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.2  
**Description** Defines the index (one-based) of the IDE controller in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 1039. IDE Control Capabilities Unique**

**Name** ideControlCapabilitiesUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.3  
**Description** Defines the capabilities of the IDE controller.  
**Syntax** DellideControlCapabilitiesUnique (See [IDE Control Capabilities](#))  
**Access** Read-only

**Table 1040. IDE Control Settings Unique**

**Name** ideControlSettingsUnique  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.4  
**Description** Defines the settings for the IDE controller.  
**Syntax** DellideControlCapabilitiesUnique (See [IDE Control Capabilities](#))

**Access** Read-only

**Table 1041. IDE Control Status**

**Name** `ideControlStatus`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.5  
**Description** Defines the status for the IDE controller.  
**Syntax** `DellStatus`  
**Access** Read-only

**Table 1042. IDE Control Name**

**Name** `ideControlName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.60.1.6  
**Description** Defines the setup BIOS name for the IDE controller.  
**Syntax** `DellStatus`  
**Access** Read-only

## Diskette Control Table

**Table 1043. Diskette Control Table**

**Name** `disketteControlTable`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.70  
**Description** Defines the Diskette Control Table.  
**Syntax** `DisketteControlTableEntry`  
**Access** Not accessible

**Table 1044. Diskette Control Table Entry**

**Name** `disketteControlTableEntry`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.70.1  
**Description** Defines the Diskette Control Table entry.  
**Syntax** `DellStatus`  
**Access** Not accessible  
**Index** `disketteControlchassisIndex`  
,  
`disketteControlIndex`

**Table 1045. Diskette Control Chassis Index**

**Name** `disketteControlchassisIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1400.70.1.1

<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1046. Diskette Control Index**

<b>Name</b>	disketteControlIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.70.1.2
<b>Description</b>	Defines the index of the diskette controllers in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1047. Diskette Control Capabilities Unique**

<b>Name</b>	disketteControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.70.1.3
<b>Description</b>	Defines the capabilities of the diskette controller.
<b>Syntax</b>	DellDisketteControlCapabilitiesUnique
<b>Access</b>	Read-only

**Table 1048. Diskette Control Settings Unique**

<b>Name</b>	disketteControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.70.1.4
<b>Description</b>	Defines the control settings for the diskette controller.
<b>Syntax</b>	DellDisketteControlSettingsUnique (See <a href="#">Diskette Control Settings</a> )
<b>Access</b>	Read-only

**Table 1049. Diskette Control Status**

<b>Name</b>	disketteControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.70.1.5
<b>Description</b>	Defines the status of the diskette controller.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1050. Diskette Control Name**

<b>Name</b>	disketteControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.70.1.6
<b>Description</b>	Defines the setup BIOS name of the diskette controller.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Network Interface Control Table

These MIB objects enable you to track the attributes of the NIC card for your system.

### Table 1051. Network Interface Control Table

<b>Name</b>	networkInterfaceControlTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80
<b>Description</b>	Defines the Network Interface Control Table.
<b>Syntax</b>	NetworkInterfaceControlTableEntry
<b>Access</b>	Not accessible

### Table 1052. Network Interface Control Table Entry

<b>Name</b>	networkInterfaceControlTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1
<b>Description</b>	Defines the Network Interface Control Table entry.
<b>Syntax</b>	NetworkInterfaceControlTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	networkInterfaceControlchassisIndex , networkInterfaceControlIndex

### Table 1053. Network Interface Control Chassis Index

<b>Name</b>	networkInterfaceControlchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

### Table 1054. Network Interface Control Index

<b>Name</b>	networkInterfaceControlIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.2
<b>Description</b>	Defines the index (one-based) of the network interface controller in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

### Table 1055. Network Interface Control Capabilities Unique

<b>Name</b>	networkInterfaceControlCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.3
<b>Description</b>	Defines the capabilities of the NIC.

<b>Syntax</b>	DellNetworkInterfaceControlCapabilitiesUnique (See <a href="#">Network Interface Control Capabilities</a> )
<b>Access</b>	Read-only

**Table 1056. Network Interface Control Settings Unique**

<b>Name</b>	networkInterfaceControlSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.4
<b>Description</b>	Defines the control settings for the NIC.
<b>Syntax</b>	DellNetworkInterfaceControlSettingsUnique (See <a href="#">Network Interface Control Settings</a> )
<b>Access</b>	Read-write

**Table 1057. Network Interface Control Status**


<b>Name</b>	networkInterfaceControlStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.5
<b>Description</b>	Defines the status of the NIC.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1058. Network Interface Control Name**

<b>Name</b>	networkInterfaceControlName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.80.1.6
<b>Description</b>	Defines the setup BIOS name of the NIC.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## BIOS Setting Table

These MIB objects enable you to track the BIOS settings for your system.

 **NOTE:** These MIB objects are supported on Dell PowerEdge xx2x systems.

**Table 1059. BIOS Setting Table**

<b>Name</b>	biosSettingTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90
<b>Description</b>	Defines the BIOS Setting Table.
<b>Syntax</b>	SEQUENCE OF BiosSettingTableEntry
<b>Access</b>	Not accessible

**Table 1060. BIOS Setting Table Entry**

<b>Name</b>	biosSettingTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1
<b>Description</b>	Defines the BIOS Setting Table Entry.
<b>Syntax</b>	BiosSettingTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	biosSettingChassisIndex , biosSettingIndex

**Table 1061. BIOS Setting Chassis Index**

<b>Name</b>	biosSettingChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.1
<b>Description</b>	Defines the index (one based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1062. BIOS Setting Index**

<b>Name</b>	biosSettingIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.2
<b>Description</b>	Defines the index (one based) of the BIOS setting.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1063. BIOS Setting Name**

<b>Name</b>	biosSettingName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.3
<b>Description</b>	Defines the name of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1064. BIOS Setting Display Name**

<b>Name</b>	biosSettingDisplayName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.4
<b>Description</b>	Defines the display name of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only



**Table 1065. BIOS Setting Value Type**

<b>Name</b>	biosSettingValueType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.5
<b>Description</b>	Defines the type of the BIOS setting value.
<b>Syntax</b>	DellBIOSSettingValueType
<b>Access</b>	Read-only

**Table 1066. BIOS Setting Current Value**

<b>Name</b>	biosSettingCurrentValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.6
<b>Description</b>	Defines the current value of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1067. BIOS Setting Pending Value**

<b>Name</b>	biosSettingPendingValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.7
<b>Description</b>	Defines the pending value of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1068. BIOS Setting Default Value**

<b>Name</b>	biosSettingDefaultValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.8
<b>Description</b>	Defines the default value of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1069. BIOS Setting Possible Values**

<b>Name</b>	biosSettingPossibleValues
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.9
<b>Description</b>	Defines the possible values of the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1070. BIOS Setting Display Order**

<b>Name</b>	biosSettingDisplayOrder
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.10

<b>Description</b>	Defines the recommended display order of the BIOS setting within its BIOS setting group.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 1071. BIOS Setting Group Display Name**

<b>Name</b>	biosSettingGroupDisplayName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.11
<b>Description</b>	Defines the display name of the BIOS setting group for the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1072. BIOS Setting FQDD**

<b>Name</b>	biosSettingFQDD
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1400.90.1.12
<b>Description</b>	Fully Qualified Device Descriptor (FQDD) for the BIOS setting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## BIOS Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 1073. Speaker Control Capabilities Unique**

**Variable Name:** DellSpeakerControlCapabilitiesUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Speaker control capabilities are unknown.
enableCapable (2)	Setup BIOS can enable speaker control.
lowCapable (4)	Setup BIOS can set the speaker volume to low.
mediumCapable (8)	Setup BIOS can set the speaker volume to medium.
highCapable (16)	Setup BIOS can set the speaker volume to high.
allVolumeCapable (30)	Setup BIOS can set the speaker volume to any of the three settings.

**Table 1074. Speaker Control Settings Unique**

**Variable Name:** DellSpeakerControlSettingsUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

unknown (1)	Speaker control state is unknown.
enabled (2)	Speaker control is enabled.
low (4)	Speaker control volume is low.
medium (8)	Speaker control volume is medium.
high (16)	Speaker control volume is high.

**Table 1075. Network Interface (NIF) Wakeup on LAN Capabilities Unique**

**Variable Name:** DellNIFwakeonLanControlCapabilitiesUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

unknown (1)	Setup BIOS Wakeup on LAN capabilities are unknown.
enableCapable (2)	Setup BIOS is capable of enabling the NIF Wakeup on LAN.
addInCardCapable (4)	Setup BIOS is capable of enabling Wakeup on LAN by option card.
onBoardCapable (8)	Setup BIOS is capable of enabling Wakeup on LAN by integrated NIF.
bothCapable (14)	Setup BIOS is capable of enabling Wakeup on LAN by either option card or integrated NIF.

**Table 1076. NIF Wakeup on LAN Control Settings Unique**

**Variable Name:** DellNIFwakeonLanControlSettingsUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

unknown (1)	NIF Wakeup on LAN state is unknown.
enabled (2)	NIF Wakeup on LAN is enabled.
addInCard (4)	NIF Wakeup on LAN is by option card.
onBoard (8)	NIF Wakeup on LAN is by integrated NIF.
addInCardOrOnBoard (12)	NIF Wakeup on LAN is by option card or integrated NIF.

**Table 1077. Boot Sequence Control Capabilities Unique**

**Variable Name:** DellBootSequenceControlCapabilitiesUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

bootSequenceUnknown (1)	Boot sequence capabilities are unknown.
bootFromDisketteFirstCapable (2)	Setup BIOS can boot from a diskette first.

bootFromHardDriveFirstCapable (4)	Setup BIOS can boot from an IDE hard drive first.
bootFromDisketteORHardDriveFirstCapable (6)	Setup BIOS can boot from a diskette or an IDE hard drive first.
bootFromDeviceListCapable (8)	Setup BIOS can boot from a device list.
bootFromCDROMFirstCapable (16)	Setup BIOS can boot from a CD first.
allFirstCapable (30)	Setup BIOS can boot by any of the preceding methods first.

**Table 1078. Boot Sequence Control Settings Unique**

**Variable Name:** DellBootSequenceControlSettingsUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

bootSequenceUnknown (1)	Boot sequence state is unknown.
bootFromDisketteFirst (2)	Setup BIOS is set to boot by diskette first.
bootFromHardDriveFirst (4)	Setup BIOS is set to boot by IDE hard drive first.
bootFromDeviceList (8)	Setup BIOS is set to boot by a device list.
bootFromCDROMFirst (16)	Setup BIOS is set to boot by CD first.

**Table 1079. BIOS Password Control Capabilities**

**Variable Name:** DellBIOSPasswordControlCapabilities

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

passwordControlCapabilitiesUnknown (1)	BIOS password capabilities are unknown.
passwordControlEnableCapable (2)	Setup BIOS is capable of enabling password changes.
passwordControlJumperDisableCapable (4)	Setup BIOS is capable of determining if password control can be jumper disabled.
passwordControlEnableANDJumperDisableCapable (6)	Setup BIOS is capable of enabling password changes and of determining if password control can be jumper disabled.

**Table 1080. BIOS Password Control Settings Unique**

**Variable Name:** DellBIOSPasswordControlSettingsUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

passwordControlSettingsUnknown (1)	Setup BIOS password state is unknown.
passwordControlEnabled (2)	Setup BIOS has password changes enabled.

passwordControlJumperDisabled (4)	Setup BIOS has determined that password control has been disabled by a jumper.
-----------------------------------	--

**Table 1081. BIOS Password Control Settings**

**Variable Name:** DellBIOSPasswordControlSettingsUnique

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
passwordControlSettingsUnknown (1)	Setup BIOS password state is unknown.
passwordControlEnabled (2)	Setup BIOS has password changes enabled.
passwordControlJumperDisabled (4)	Setup BIOS has determined that password control has been disabled by a jumper.

**Table 1082. TPM Security Control Capabilities**

**Variable Name:** DellTPMSecurityControlCapabilities

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
offCapable (1)	TPM security can be Off.
onWithPrebootMeasurementsCapable (2)	TPM security can be On with Pre-boot Measurements.
onWithoutPrebootMeasurementsCapable (4)	TPM security can be On without Pre-boot Measurements.

**Table 1083. TPM Security Control Setting**

**Variable Name:** DellTPMSecurityControlSetting

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
off (0)	TPM security is Off.
onWithPrebootMeasurements (1)	TPM security is On with Pre-boot Measurements.
onWithoutPrebootMeasurements (2)	TPM security is On without Pre-boot Measurements.

**Table 1084. Parallel Port Control Capabilities**

**Variable Name:** DellParallelPortControlCapabilitiesUnique

**Data Type:** Integer

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
unknown (1)	Setup BIOS parallel port capabilities are unknown.
enableCapable (2)	Setup BIOS can enable the parallel port.
lpt1Capable (4)	Setup BIOS can support parallel port 1.
lpt1andEnableCapable (6)	Setup BIOS has enabled parallel port 1.

lpt2Capable (8)	Setup BIOS can support parallel port 2.
lpt2andEnableCapable (10)	Setup BIOS has enabled parallel port 2.
lpt3Capable (16)	Setup BIOS can support parallel port 3.
lpt3andEnableCapable (18)	Setup BIOS has enabled parallel port 3.
allParallelPortCapable (30)	Setup BIOS can support any of the three parallel ports.

**Table 1085. Parallel Port Control Settings**

**Variable Name:** DellParallelPortControlSettingsUnique

**Data Type:** Integer

**Possible Data Values**

- unknown (1)
- enabled (2)
- lpt1 (4)
- lpt1Enabled (6)
- lpt2 (8)
- lpt2Enabled (10)
- lpt3 (16)

**Meaning of Data Value**

- Parallel port state is unknown.
- Setup BIOS has enabled the parallel port.
- Setup BIOS supports parallel port 1.
- Setup BIOS has enabled parallel port 1.
- Setup BIOS supports parallel port 2.
- Setup BIOS has enabled parallel port 2.
- Setup BIOS supports parallel port 3.

**Table 1086. Parallel Port Control Mode Settings**

**Variable Name:** DellParallelPortControlModeSettingsUnique

**Data Type:** Integer

**Possible Data Values**

- unknown (1)
- atModeEnabled (2)
- ps2ModeEnabled (4)
- ecpModeEnabled (8)
- eppModeEnabled (16)

**Meaning of Data Value**

- Parallel port mode is unknown.
- Setup BIOS has set the parallel port to AT mode.
- Setup BIOS has set the parallel port to Personal Systems/2 (PS/2) mode.
- Setup BIOS has set the parallel port to Extended Capabilities Port (ECP) mode.
- Setup BIOS has set the parallel port to Enhanced Parallel Port (EPP) mode.

**Table 1087. Serial Port Control Capabilities**

**Variable Name:** DellSerialPortControlCapabilitiesUnique

**Data Type:** Integer

**Possible Data Values**

- unknown (1)

**Meaning of Data Value**

- Setup BIOS serial port capabilities are unknown.

enableCapable (2)	Setup BIOS can enable the serial port.
com1Capable (4)	Setup BIOS can support serial port 1.
enableAndCom1Capable (6)	Setup BIOS can enable serial port 1.
com2Capable (8)	Setup BIOS can support serial port 2.
enableAndCom2Capable (10)	Setup BIOS is capable of enabling serial port 2.
com3Capable (16)	Setup BIOS can support serial port 3.
enableAndCom3Capable (18)	Setup BIOS is capable of enabling serial port 3.
com4Capable (32)	Setup BIOS can support serial port 4.
enableAndCom4Capable (34)	Setup BIOS is capable of enabling serial port 4.
autoConfigCapable (64)	Setup BIOS is capable of autoconfiguring all serial ports.
com1OrCom3CapableAndAutoConfigCapable (86)	Setup BIOS has enabled autoconfiguration of COM1 and COM3 serial ports.
com2OrCom4CapableAndAutoConfigCapable (106)	Setup BIOS has enabled autoconfiguration of COM2 and COM4 serial ports.
allcomCapable (126)	Setup BIOS is capable of enabling or autoconfiguring all serial ports.

**Table 1088. Serial Port Control Settings**

**Variable Name:** DellSerialPortControlSettingsUnique

**Data Type:** Integer

**Possible Data Values**

unknown (1)
enabled (2)
com1 (4)
com1Enabled (6)
com2 (8)
com2Enabled (10)
com3 (16)
com3Enabled (18)
com4 (32)
com4Enabled (34)
comPortsAutoConfig (64)
enabledAndAutoConfig (66)

**Meaning of Data Value**

Serial port state is unknown.
Setup BIOS has enabled the serial port.
Setup BIOS has selected serial port 1.
Setup BIOS has enabled serial port 1.
Setup BIOS has selected serial port 2.
Setup BIOS has enabled serial port 2.
Setup BIOS has selected serial port 3.
Setup BIOS has enabled serial port 3.
Setup BIOS has selected serial port 4.
Setup BIOS has enabled serial port 4.
Setup BIOS has selected autoconfiguration of serial ports.
Setup BIOS has enabled autoconfiguration of serial ports.

**Table 1089. IDE Control Capabilities**

**Variable Name:** DellIdeControlCapabilitiesUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	IDE control capabilities are unknown.
ideControlAutoConfigOrEnable Capable (2)	IDE controller is autoconfigurable or enable capable.

**Table 1090. Diskette Control Settings**

**Variable Name:** DellDisketteControlSettingsUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Diskette control state is unknown.
disketteControlAutoConfigEnabled OrEnabled (2)	Diskette control is set as autoconfigurable or enabled.

**Table 1091. Network Interface Control Capabilities**

**Variable Name:** DellNetworkInterfaceControlCapabilitiesUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Unknown setup BIOS network interface capabilities.
enableCapable (2)	Setup BIOS is capable of enabling the network interface.
enableWithoutPXECapable (4)	Setup BIOS is capable of enabling the NIF without Pre-boot eXecution Environment (PXE).

**Table 1092. Network Interface Control Settings**

**Variable Name:** DellNetworkInterfaceControlSettingsUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Network interface state is unknown.
enabled (2)	Network interface is enabled.
enabledWithoutPXE (4)	Network interface is enabled without PXE.

**Table 1093. BIOS Setting Value Type**

**Variable Name:** DellBIOSSettingValueType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
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integer(1)  
string(2)  
enumeration(3)  
orderedList(4)

Value type is integer.  
Value type is string.  
Value type is enumeration.  
Value type is ordered list.



## Local Response Agent Group

The Local Response Agent Group provides information about various attributes of your system's local response agent (LRA). The LRA allows systems managers to predetermine how a system running the server administrator responds to a particular event type, such as the loss of redundancy in a specific component or the elevation of temperature in a chassis. Systems managers can configure the LRA to respond to an event type with a specific action. When the condition of the critical component worsens, the systems manager can escalate the response to make it more obvious to the operator.

For example, when a voltage probe on a monitored machine reaches a warning condition, the systems manager may want to notify the operator by causing the machine to beep. When the voltage probe reaches failure, the systems manager might want to have the system that has a failing component send a broadcast message to the management system and power off the troubled system.

### LRA Group Tables

The following management information base (MIB) tables define LRA variable attributes:

- [LRA Global Settings Table](#)
- [LRA Action Table](#)

### LRA Global Settings

The global settings table allows the systems manager to determine what LRA capabilities exist for a specific system that is running Server Administrator. Some machines may support all or some of the capabilities described in `DellLocalResponseAgentCapabilitiesUnique`. The LRA Global Settings Table also defines thermal shutdown capabilities and settings. In the event that a temperature probe determines the temperature is at or over the failure limit, the systems manager can set an action to be taken automatically.

**Table 1094. LRA Global Settings Table**

<b>Name</b>	<code>lRAGlobalSettingsTable</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1500.10</code>
<b>Description</b>	Defines the LRA Global Settings Table.
<b>Syntax</b>	<code>SEQUENCE OF LRAGlobalSettingsTableEntry</code>
<b>Access</b>	Not accessible

**Table 1095. LRA Global Settings Table Entry**

<b>Name</b>	<code>lRAGlobalSettingsTableEntry</code>
<b>Object ID</b>	<code>1.3.6.1.4.1.674.10892.1.1500.10.1</code>
<b>Description</b>	Defines the LRA Global Settings Table entry.

<b>Syntax</b>	LRAGlobalSettingsTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	lRAGlobalchassisIndex

**Table 1096. LRA Global Chassis Index**

<b>Name</b>	lRAGlobalchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1097. LRA Global State**

<b>Name</b>	lRAGlobalState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.2
<b>Description</b>	Defines the state of the LRA global settings.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1098. LRA Global Settings Disable Time-out Value**

<b>Name</b>	lRAGlobalSettingsDisableTimeoutValue
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.3
<b>Description</b>	Defines the time-out duration countdown, in seconds, that the LRA global settings are disabled after a system shutdown and reboot.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-only

**Table 1099. LRA Global Settings Capabilities Unique**

<b>Name</b>	lRAGlobalSettingsCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.4
<b>Description</b>	Defines the set of global capabilities that all local response agents may or may not allow to be set or reset.
<b>Syntax</b>	DellLocalResponseAgentCapabilitiesUnique ( <a href="#">LRA Capabilities Definitions</a> )
<b>Access</b>	Read-only

**Table 1100. LRA Global Thermal Shutdown Capabilities Unique**

<b>Name</b>	lRAGlobalThermalShutdownCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.5

<b>Description</b>	Defines the set of thermal shutdown capabilities that are supported by the LRA.
<b>Syntax</b>	DellLRAThermalShutdownCapabilitiesUnique
<b>Access</b>	Read-only

**Table 1101. LRA Global Thermal Shutdown State Settings Unique**

<b>Name</b>	lRAGlobalThermalShutdownStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.10.1.6
<b>Description</b>	Defines the set of thermal shutdown state and settings that the local response agent supports.
<b>Syntax</b>	DellLRAThermalShutdownStateSettingsUnique
<b>Access</b>	Read-write

## LRA Action Table

The `DellLocalResponseAgentCapabilitiesUnique` variable in the global action table defines the capabilities that are allowed for a particular system. The LRA Action Table that follows selects which of the system's capabilities (global actions) are to be enabled.

**Table 1102. LRA Action Table**

<b>Name</b>	lRAActionTableTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20
<b>Description</b>	Defines the LRA Action Table.
<b>Syntax</b>	SEQUENCE OF lRAActionTableTableEntry
<b>Access</b>	Not accessible

**Table 1103. LRA Action Table Entry**

<b>Name</b>	lRAActionTableTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20.1
<b>Description</b>	Defines the LRA Action Table entry.
<b>Syntax</b>	lRAActionTableTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	lRAActionTablechassisIndex , lRAActionTableActionNumberIndex

**Table 1104. LRA Action Table Chassis Index**

<b>Name</b>	lRAActionTablechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20.1.1

<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1105. LRA Action Table Action Number Index**

<b>Name</b>	<code>lRAActionTableActionNumberIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20.1.2
<b>Description</b>	<p>Defines the LRA action number index. The action number indexes are as follows:</p> <ul style="list-style-type: none"> <li>• 160 — temperature failure action definition</li> <li>• 168 — cooling device failure action definition</li> <li>• 172 — voltage failure action definition</li> <li>• 200 — temperature warning action definition</li> <li>• 202 — voltage warning action definition</li> <li>• 204 — cooling device warning action definition</li> <li>• 206 — amperage failure action definition</li> <li>• 208 — amperage warning action definition</li> <li>• 210 — a power or cooling unit redundancy lost action definition</li> <li>• 212 — a power or cooling unit redundancy degraded action definition</li> <li>• 214 — power supply failed action definition</li> <li>• 220 — chassis intrusion action definition</li> <li>• 228 — memory device warning action definition</li> <li>• 474 — memory device failure action definition</li> <li>• 1006 — automatic system recovery (ASR) action definition</li> <li>• 1353 — power supply warning action definition</li> <li>• 1553 — log near full action definition</li> <li>• 1554 — log full action definition</li> <li>• 1603 — processor warning action definition</li> <li>• 1604 — processor failure action definition</li> <li>• 1703 — battery warning action definition</li> <li>• 1704 — battery failure action definition</li> </ul>
<b>Syntax</b>	DellUnsigned16BitRange
<b>Access</b>	Read-only

**Table 1106. LRA Action Table User Application Name**

<b>Name</b>	<code>lRAActionTableUserApplicationName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20.1.3
<b>Description</b>	<p>When the execute application value is set, provides the following user-assignable LRA information:</p> <ul style="list-style-type: none"> <li>• Name of the user application executable path</li> <li>• File name to execute</li> </ul>

<b>Syntax</b>	DisplayString (SIZE (0..256))
<b>Access</b>	Read-write

**Table 1107. LRA Action Table Settings Unique**

<b>Name</b>	lRAActionTableSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1500.20.1.4
<b>Description</b>	Defines the LRA settings.
<b>Syntax</b>	DellLocalResponseAgentSettingsUnique ( <a href="#">Local Response Agent Settings Unique</a> )
<b>Access</b>	Read-write

## Local Response Agent Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 1108. LRA Capabilities Definitions**

**Variable Name:** DellLocalResponseAgentCapabilitiesUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
speakerControlCapable (1)	The LRA can issue a speaker beep.
consoleAlertCapable (2)	The LRA can alert the console.
broadcastMessageCapable (4)	The LRA can broadcast a message.
osShutDownCapable (8)	The LRA can shut down the operating system.
rebootCapable (16)	The LRA can reboot the system.
powerCycleCapable (32)	The LRA is capable of a system power cycle.
powerOFFCapable (64)	The LRA can shut the system power off.
executeApplicationCapable (256)	The LRA can execute a user mode application.
lraFullyCapable (383)	The LRA has all of the preceding capabilities.

**Table 1109. LRA Thermal Shutdown Capabilities Unique**

**Variable Name:** DellLRAThermalShutdownCapabilitiesUnique

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
none (0)	The LRA has no thermal shutdown capabilities.
Unknown capabilities (1)	The LRA's thermal shutdown capabilities are unknown.
enableCapable (2)	The LRA can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

warningCapable (4)	The LRA can carry out chassis-determined action(s) when a warning condition is detected.
enableOnWarningCapable (6)	The LRA enables activation of chassisdetermined action(s) when a warning condition is detected.
failureCapable (8)	The LRA can carry out chassis-determined action(s) when a failure condition is detected.
enableOnFailureCapable (10)	The LRA enables activation of chassisdetermined action(s) when a failure condition is detected.
enableOnWarningOrFailure Capable (14)	The LRA enables activation of chassisdetermined action(s) when either a failure or a warning condition is detected.

**Table 1110. Local Response Agent Settings Unique**

**Variable Name:** DellLocalResponseAgentSettingsUnique

**Data Type:** Integer

**Possible Data Values**

**Meaning of Data Value**

speakerControl (1)	LRA is set to issue a speaker beep.
consoleAlert (2)	LRA is set to issue a console alert.
broadcastMessage (4)	LRA is set to issue a broadcast message.
osShutDown (8)	LRA is set to issue an operating system shutdown.
reboot (16)	LRA is set to issue a system reboot.
powerCycle (32)	LRA is set to issue a system power cycle.
powerOFF (64)	LRA is set to issue a system power off.
executeApplication (256)	LRA is set to start a user mode application.
allLRASettingsUnique (383)	LRA is set to all LRA settings combinations.



# Cost of Ownership Group

The Cost of Ownership (COO) Group provides a full set of cost-tracking objects, including fields for the computer's manufacturer, insurer, lessor, warranty, user, trouble tickets, and many others. You can use these management information base (MIB) objects to obtain accurate and complete measurements of the cost of each computer asset in your organization.

## Cost of Ownership Group Tables

The Cost of Ownership Group defines objects in the following MIB tables:

- [Cost of Ownership Table](#)
- [COO Service Contract Table](#)
- [COO Cost Event Log Table](#)
- [COO Warranty Table](#)
- [COO Lease Information Table](#)
- [COO Schedule Number Table](#)
- [COO Options Table](#)
- [COO Maintenance Table](#)
- [COO Repair Table](#)
- [COO Support Information Table](#)
- [COO Trouble Ticket Table](#)

### Cost of Ownership Table

The following MIB object sets up the Cost of Ownership Table.

**Table 1111. Cost of Ownership**

<b>Name</b>	cooTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10
<b>Description</b>	Defines the Cost of Ownership Table.
<b>Syntax</b>	SEQUENCE OF CooTableEntry
<b>Access</b>	Not accessible

**Table 1112. Cost of Ownership Table Entry**

<b>Name</b>	cooTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1
<b>Description</b>	Defines the Cost of Ownership Table entry.

<b>Syntax</b>	CooTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	coochassisIndex

**Table 1113. COO Chassis Index**

<b>Name</b>	coochassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	CooTableEntry
<b>Access</b>	Read-only

**Table 1114. COO State**

<b>Name</b>	cooState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.2
<b>Description</b>	Defines the acquisition state of the system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1115. COO Acquisition Purchase Cost**

<b>Name</b>	cooAquisitionPurchaseCost
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.3
<b>Description</b>	Defines the purchase cost of the system.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1116. COO Acquisition Waybill Number**

<b>Name</b>	cooAquisitionWayBillNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.4
<b>Description</b>	Defines the waybill number of the system.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1117. COO Acquisition Install Date Name**

<b>Name</b>	cooAquisitionInstallDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.5
<b>Description</b>	Defines the installation date and time for the system.

<b>Syntax</b>	DellDateName
<b>Access</b>	Read-write

**Table 1118. COO Acquisition Purchase Order**

<b>Name</b>	cooAquisitionPurchaseOrder
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.6
<b>Description</b>	Defines the purchase order number of the system.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1119. COO Acquisition Purchase Date Name**

<b>Name</b>	cooAquisitionPurchaseDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.7
<b>Description</b>	Defines the purchase date and time of the system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-write

**Table 1120. COO Acquisition Signing Authority Name**

<b>Name</b>	cooAquisitionSigningAuthorityName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.8
<b>Description</b>	Defines the name of the authorized person who signs for the system.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

**Table 1121. COO Original Machine Configuration Expensed**

<b>Name</b>	cooOriginalMachineConfigurationExpensed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.9
<b>Description</b>	Specifies whether the purchase of this system was expensed.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-write

**Table 1122. COO Original Machine Configuration Vendor Name**

<b>Name</b>	cooOriginalMachineConfigurationVendorName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.10.1.10
<b>Description</b>	Defines the vendor name of the system.
<b>Syntax</b>	DellCostofOwnershipString

**Access** Read-only

**Table 1123. COO Cost Center Information Vendor Name**

**Name** `cooCostCenterInformationVendorName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.11  
**Description** Defines the cost center name of the system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1124. COO User Information User Name**

**Name** `cooUserInformationUserName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.12  
**Description** Defines the name of the user for this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1125. COO Extended Warranty Start Date Name**

**Name** `cooExtendedWarrantyStartDateName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.13  
**Description** Defines the extended warranty start date for this system.  
**Syntax** `DellDateName`  
**Access** Read-write

**Table 1126. COO Extended Warranty End Date Name**

**Name** `cooExtendedWarrantyEndDateName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.14  
**Description** Defines the extended warranty end date for this system.  
**Syntax** `DellDateName`  
**Access** Read-write

**Table 1127. COO Extended Warranty Cost**

**Name** `cooExtendedWarrantyCost`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.15  
**Description** Defines the extended warranty cost date for this system.  
**Syntax** `DellUnsigned32BitRange`

**Access** Read-write

**Table 1128. COO Extended Warranty Provider Name**

**Name** `cooExtendedWarrantyProviderName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.16  
**Description** Defines the name of the extended warranty provider for this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1129. COO Ownership Code**

**Name** `cooOwnershipCode`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.17  
**Description** Defines the ownership code for this system.  
**Syntax** `DellCooOwnershipCodes` (See [COO Ownership Codes](#))  
**Access** Read-write

**Table 1130. COO Corporate Owner Name**

**Name** `cooCorporateOwnerName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.18  
**Description** Defines the name of the corporation that owns this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1131. COO Hazardous Waste Code Name**

**Name** `cooHazardousWasteCodeName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.19  
**Description** Defines the hazardous waste code for this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1132. COO Deployment Date Length**

**Name** `cooDeploymentDateLength`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.20  
**Description** Defines the deployment time for this system.  
**Syntax** `DellUnsigned32BitRange`

**Access** Read-write

**Table 1133. COO Deployment Duration Type**

**Name** `cooDeploymentDurationType`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.21  
**Description** Defines the deployment time units for this system.  
**Syntax** `DellCooHourDayDurationType` (See [COO Hour Day Duration Type](#))  
**Access** Read-write

**Table 1134. COO Training Name**

**Name** `cooTrainingName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.22  
**Description** Defines the training that the user has for this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1135. COO Outsourcing Problem Description Name**

**Name** `cooOutsourcingProblemDescriptionName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.23  
**Description** Defines a problem encountered with the outsourcing service provider.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1136. COO Outsourcing Service Fee Name**

**Name** `cooOutsourcingServiceFeeName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.24  
**Description** Defines amount that the outsourcing vendor charges for service.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1137. COO Outsourcing Signing Authority Name**

**Name** `cooOutsourcingSigningAuthorityName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.25  
**Description** Defines the name of the person who can sign the authorization for service.  
**Syntax** `DellCostofOwnershipString`

**Access** Read-write

**Table 1138. COO Outsourcing Provider Fee Name**

**Name** cooOutsourcingProviderFeeName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.26  
**Description** Defines any additional outsourcing charge for service.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1139. COO Outsourcing Provider Service Level Name**

**Name** cooOutsourcingProviderServiceLevelName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.27  
**Description** Defines the service level agreement for the system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1140. COO Insurance Company Name**

**Name** cooInsuranceCompanyName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.28  
**Description** Defines the name of the company that insures this system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1141. COO Box Asset Tag Name**

**Name** cooBoxAssetTagName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.29  
**Description** Defines the name of the asset tag.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1142. COO Box System Name**

**Name** cooBoxSystemName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.30  
**Description** Defines the name of the system.  
**Syntax** DellCostofOwnershipString

**Access** Read-write

**Table 1143. COO Box Central Processing Unit (CPU) Serial Number Name**

**Name** cooBoxCPUSerialNumberName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.31  
**Description** Defines the name of the CPU serial number for the system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1144. COO Operating System Upgrade Type Name**

**Name** cooOperatingSystemUpgradeTypeName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.32  
**Description** Defines the name of the operating system on this system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1145. COO Operating System Upgrade Patch Level Name**

**Name** cooOperatingSystemUpgradePatchLevelName  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.33  
**Description** Defines the name of the operating system patch level for this system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1146. COO Operating System Upgrade Date**

**Name** cooOperatingSystemUpgradeDate  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.34  
**Description** Defines the upgrade file date for this operating system.  
**Syntax** DellCostofOwnershipString  
**Access** Read-write

**Table 1147. COO Depreciation Duration**

**Name** cooDepreciationDuration  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.35  
**Description** Defines the length of depreciation for this system.  
**Syntax** DellUnsigned32BitRange



**Access** Read-write

**Table 1148. COO Depreciation Duration Type**

**Name** `cooDepreciationDurationType`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.36  
**Description** Defines the unit of time for the depreciation of this system.  
**Syntax** `DellCooMonthYearDurationType`  
**Access** Read-write

**Table 1149. COO Depreciation Percentage**

**Name** `cooDepreciationPercentage`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.37  
**Description** Defines the percentage of depreciation for this system.  
**Syntax** `DellUnsigned32BitRange`  
**Access** Read-write

**Table 1150. COO Depreciation Method Name**

**Name** `cooDepreciationMethodName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.38  
**Description** Defines the name of the depreciation method for this system.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

**Table 1151. COO Registration Is Registered**

**Name** `cooRegistrationIsRegistered`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.10.1.39  
**Description** Specifies whether this system is registered or not.  
**Syntax** `DellBoolean`  
**Access** Read-write

## COO Service Contract Table

The service contract table provides MIB objects that help you track the name, vendor, and type of service contract you have for your system.

**Table 1152. COO Service Contract Table**

**Name** `cooServiceContractTable`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.20

<b>Description</b>	Defines the COO Service Contract Table.
<b>Syntax</b>	SEQUENCE OF CooServiceContractTableEntry
<b>Access</b>	Not accessible

**Table 1153. COO Service Contract Table Entry**

<b>Name</b>	cooServiceContractTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1
<b>Description</b>	Defines the COO Service Contract Table entry.
<b>Syntax</b>	CooServiceContractTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooServiceContractchassisIndex , cooServiceContractIndex

**Table 1154. COO Service Contract Chassis Index**

<b>Name</b>	cooServiceContractchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1155. COO Service Contract Index**

<b>Name</b>	cooServiceContractIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.2
<b>Description</b>	Defines the index (one-based) of this service contract.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1156. COO Service Contract State**

<b>Name</b>	cooServiceContractState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.3
<b>Description</b>	Defines the status of the service contract for this system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1157. COO Service Contract Was Renewed**

<b>Name</b>	cooServiceContractWasRenewed
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.4
<b>Description</b>	Specifies whether the service contract for this system was renewed.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-write

**Table 1158. COO Service Contract Type Name**

<b>Name</b>	cooServiceContractTypeName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.5
<b>Description</b>	Defines the name of the service contract type for this system.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

**Table 1159. COO Service Contract Vendor Name**

<b>Name</b>	cooServiceContractVendorName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.20.1.6
<b>Description</b>	Defines the name of the service contract provider for this system.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

## COO Cost Event Log Table

The COO Cost Event Log Table provides MIB objects that allow you to track the duration and type of events that are logged for a particular system.

**Table 1160. COO Cost Event Log Table**

<b>Name</b>	cooCostEventLogTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30
<b>Description</b>	Defines the COO Cost Event Log Table.
<b>Syntax</b>	SEQUENCE OF COO CostEventLogTableEntry
<b>Access</b>	Not accessible

**Table 1161. COO Cost Event Log Table Entry**

<b>Name</b>	cooCostEventLogTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1
<b>Description</b>	Defines the COO Cost Event Log Table entry.

<b>Syntax</b>	cooCostEventLogTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooCostEventLogchassisIndex , cooCostEventLogIndex

**Table 1162. COO Cost Event Log Chassis Index**

<b>Name</b>	cooCostEventLogchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1163. COO Cost Event Log Index**

<b>Name</b>	cooCostEventLogIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.2
<b>Description</b>	Defines the index (one-based) of the cost event log.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1164. COO Cost Event Log State**

<b>Name</b>	cooCostEventLogState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.3
<b>Description</b>	Defines the cost event log state of this system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1165. COO Cost Event Log Duration**

<b>Name</b>	cooCostEventLogDuration
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.4
<b>Description</b>	Defines the duration of the event for this system.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1166. COO Cost Event Log Duration Type**

<b>Name</b>	<code>cooCostEventLogDurationType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.5
<b>Description</b>	Defines the duration type of the event for this system.
<b>Syntax</b>	DellCOOHourDayDurationType (See <a href="#">COO Hour Day Duration Type</a> )
<b>Access</b>	Read-write

**Table 1167. COO Cost Event Log Description Name**

<b>Name</b>	<code>cooCostEventLogDescriptionName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.30.1.6
<b>Description</b>	Defines the name of the event description.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

## COO Warranty Table

The COO Warranty Table objects enable you to track facts about the type and duration of the warranty for a particular system.

**Table 1168. COO Warranty Table**

<b>Name</b>	<code>cooWarrantyTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40
<b>Description</b>	Defines the COO Warranty Table.
<b>Syntax</b>	SEQUENCE OF <code>CooWarrantyTableEntry</code>
<b>Access</b>	Not accessible

**Table 1169. COO Warranty Table Entry**

<b>Name</b>	<code>cooWarrantyTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1
<b>Description</b>	Defines the COO Warranty Table entry.
<b>Syntax</b>	<code>CooWarrantyTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>cooWarrantychassisIndex</code> , <code>cooWarrantyIndex</code>

**Table 1170. COO Warranty Chassis Index**

<b>Name</b>	<code>cooWarrantyChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-write

**Table 1171. COO Warranty Index**

<b>Name</b>	<code>cooWarrantyIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.2
<b>Description</b>	Defines the index of the warranty for this system.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1172. COO Warranty State**

<b>Name</b>	<code>cooWarrantyState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.3
<b>Description</b>	Defines the state of the warranty for this system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1173. COO Warranty Duration**

<b>Name</b>	<code>cooWarrantyDuration</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.4
<b>Description</b>	Defines the duration of the warranty.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1174. COO Warranty Duration Type**

<b>Name</b>	<code>cooWarrantyDurationType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.5
<b>Description</b>	Defines the warranty duration type for the system.
<b>Syntax</b>	DellCOODayMonthDurationType
<b>Access</b>	Read-write

**Table 1175. COO Warranty End Date Name**

<b>Name</b>	cooWarrantyEndDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.6
<b>Description</b>	Defines the warranty end date for this system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-write

**Table 1176. COO Warranty Cost**

<b>Name</b>	cooWarrantyCost
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.40.1.7
<b>Description</b>	Defines the cost of the warranty for this system.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

## COO Lease Information Table

The COO lease information MIB objects enable you to track information about your lessor, lease duration, and lease type for each system.

**Table 1177. COO Lease Information Table**

<b>Name</b>	cooLeaseInformationTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50
<b>Description</b>	Defines the COO Lease Information Table.
<b>Syntax</b>	SEQUENCE OF CooLeaseInformationTableEntry
<b>Access</b>	Not accessible

**Table 1178. COO Lease Information Table Entry**

<b>Name</b>	cooLeaseInformationTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1
<b>Description</b>	Defines the COO Lease Information Table entry.
<b>Syntax</b>	CooLeaseInformationTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooLeaseInformationchassisIndex , cooLeaseInformationIndex

**Table 1179. COO Lease Information Chassis Index**

<b>Name</b>	<code>cooLeaseInformationchassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 1180. COO Lease Information Index**

<b>Name</b>	<code>cooLeaseInformationIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.2
<b>Description</b>	Defines the index of the lease information for this system.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 1181. COO Lease Information State**

<b>Name</b>	<code>cooLeaseInformationState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.3
<b>Description</b>	Defines the lease information state for this system.
<b>Syntax</b>	<code>DellStateSettings</code>
<b>Access</b>	Read-write

**Table 1182. COO Lease Information Multiple Schedules**

<b>Name</b>	<code>cooLeaseInformationMultipleSchedules</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.4
<b>Description</b>	Defines whether there are multiple schedules for this lease.
<b>Syntax</b>	<code>DellBoolean</code>
<b>Access</b>	Read-only

**Table 1183. COO Lease Information Buyout Amount**

<b>Name</b>	<code>cooLeaseInformationBuyOutAmount</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.5
<b>Description</b>	Defines the balance purchase price for this system.
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-write



**Table 1184. COO Lease Information Lease Rate Factor**

<b>Name</b>	<code>cooLeaseInformationLeaseRateFactor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.6
<b>Description</b>	Defines the rate factor for the lease on this system.
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-write

**Table 1185. COO Lease Information End Date Name**

<b>Name</b>	<code>cooLeaseInformationEndDateName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.7
<b>Description</b>	Defines the end date for the lease on this system.
<b>Syntax</b>	<code>DellDateName</code>
<b>Access</b>	Read-write

**Table 1186. COO Lease Information Fair Market Value**

<b>Name</b>	<code>cooLeaseInformationFairMarketValue</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.8
<b>Description</b>	Defines the fair market value of this system.
<b>Syntax</b>	<code>DellUnsigned32BitRange</code>
<b>Access</b>	Read-write

**Table 1187. COO Lease Information Lessor Name**

<b>Name</b>	<code>cooLeaseInformationLessorName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.50.1.9
<b>Description</b>	Defines the name of the lessor of this system.
<b>Syntax</b>	<code>DellCostofOwnershipString</code>
<b>Access</b>	Read-write

## **COO Schedule Number Table**

**Table 1188. COO Schedule Number Table**

<b>Name</b>	<code>cooScheduleNumberTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.60
<b>Description</b>	Defines the COO Schedule Number Information Table.
<b>Syntax</b>	SEQUENCE OF <code>CooScheduleNumberTableEntry</code>

**Access** Not accessible

**Table 1189. COO Schedule Number Table Entry**

**Name** `cooScheduleNumberTableEntry`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.60.1  
**Description** Defines the COO Schedule Number Information Table entry.  
**Syntax** `CooScheduleNumberTableEntry`  
**Access** Not accessible  
**Index** `cooScheduleNumberchassisIndex`  
,  
`cooScheduleNumberIndex`

**Table 1190. COO Schedule Number Chassis Index**

**Name** `cooScheduleNumberchassisIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.60.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1191. COO Schedule Number Index**

**Name** `cooScheduleNumberIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.60.1.2  
**Description** Defines the index of the schedule number information.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1192. COO Schedule Number State**

**Name** `cooScheduleNumberState`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.60.1.3  
**Description** Defines the schedule number information state of this system.  
**Syntax** `DellStateSettings`  
**Access** Read-only

**Table 1193. COO Schedule Number Lease Information Index Reference**

**Name** `cooScheduleNumberLeaseInformationIndexReference`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.60.1.4

<b>Description</b>	Defines the lease information index number to reference the schedule number.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1194. COO Schedule Number Description Name**

<b>Name</b>	cooScheduleNumberDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.60.1.5
<b>Description</b>	Describes the schedule number information.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

## COO Options Table

**Table 1195. COO Options Table**

<b>Name</b>	cooOptionsTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.70
<b>Description</b>	Defines the COO Options Table.
<b>Syntax</b>	SEQUENCE OF CoOptionsTableEntry
<b>Access</b>	Not accessible

**Table 1196. COO Options Table Entry**

<b>Name</b>	cooOptionsTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.70.1
<b>Description</b>	Defines the COO Options Table entry.
<b>Syntax</b>	CooOptionsTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooOptionschassisIndex , cooOptionsIndex

**Table 1197. COO Options Chassis Index**

<b>Name</b>	cooOptionschassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.70.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 1198. COO Options Index**

**Name** `cooOptionsIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.70.1.2  
**Description** Defines the index (one-based) of the option information for this system.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1199. COO Options State**

**Name** `cooOptionsState`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.70.1.3  
**Description** Defines the option information state for this system.  
**Syntax** `DellStateSettings`  
**Access** Read-only

**Table 1200. COO Options Lease Information Index Reference**

**Name** `cooOptionsLeaseInformationIndexReference`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.70.1.4  
**Description** Defines the lease information index of the option information for this system.  
**Syntax** `DellUnsigned32BitRange`  
**Access** Read-write

**Table 1201. COO Options Description Name**

**Name** `cooOptionsDescriptionName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.70.1.5  
**Description** Defines the option information description name.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

## COO Maintenance Table

**Table 1202. COO Maintenance Table**

**Name** `cooMaintenanceTable`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.80  
**Description** Defines the COO Maintenance Table.

<b>Syntax</b>	SEQUENCE OF CooMaintenanceTableEntry
<b>Access</b>	Not accessible

**Table 1203. COO Maintenance Table Entry**

<b>Name</b>	cooMaintenanceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1
<b>Description</b>	Defines the COO Maintenance Table entry.
<b>Syntax</b>	CooMaintenanceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooMaintenancechassisIndex , cooMaintenanceIndex

**Table 1204. COO Maintenance Chassis Index**

<b>Name</b>	cooMaintenancechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1205. COO Maintenance Index**

<b>Name</b>	cooMaintenanceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.2
<b>Description</b>	Defines the index of this system's maintenance information.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1206. COO Maintenance State**

<b>Name</b>	cooMaintenanceState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.3
<b>Description</b>	Defines the state of this system's maintenance information.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1207. COO Maintenance Start Date Name**

<b>Name</b>	cooMaintenanceStartDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.4
<b>Description</b>	Defines the start date for maintenance on this system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-write

**Table 1208. COO Maintenance End Date Name**

<b>Name</b>	cooMaintenanceEndDateName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.5
<b>Description</b>	Defines the end date for maintenance on this system.
<b>Syntax</b>	DellDateName
<b>Access</b>	Read-write

**Table 1209. COO Maintenance Provider Name**

<b>Name</b>	cooMaintenanceProviderName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.6
<b>Description</b>	Defines the maintenance provider's name.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1210. COO Maintenance Restrictions Name**

<b>Name</b>	cooMaintenanceRestrictionsName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.80.1.7
<b>Description</b>	Defines the maintenance agreement restrictions.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

**COO Repair Table****Table 1211. COO Repair Table**

<b>Name</b>	cooRepairTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.90
<b>Description</b>	Defines the COO Repair Table.
<b>Syntax</b>	SEQUENCE OF CooRepairTableEntry

**Access** Not accessible

**Table 1212. COO Repair Table Entry**

**Name** `cooRepairTableEntry`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.90.1  
**Description** Defines the COO Repair Table entry.  
**Syntax** `CooRepairTableEntry`  
**Access** Not accessible  
**Index** `cooRepairchassisIndex`  
,  
`cooRepairIndex`

**Table 1213. COO Repair Chassis Index**

**Name** `cooRepairchassisIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.90.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1214. COO Repair Index**

**Name** `cooRepairIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.90.1.2  
**Description** Defines the index (one-based) of the repair information for this system.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1215. COO Repair State**

**Name** `cooRepairState`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.90.1.3  
**Description** Defines the state of the repair information for this system.  
**Syntax** `DellStateSettings`  
**Access** Read-only

**Table 1216. COO Repair Counter**

**Name** `cooRepairCounter`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.90.1.4

<b>Description</b>	Defines the number of repairs that this system has undergone.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

**Table 1217. COO Repair Vendor Name**

<b>Name</b>	cooRepairVendorName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.90.1.5
<b>Description</b>	Defines the name of the vendor that repairs this system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

## COO Support Information Table

**Table 1218. COO Support Information Table**

<b>Name</b>	cooSupportInformationTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.100
<b>Description</b>	Defines the COO Support Information Table.
<b>Syntax</b>	SEQUENCE OF cooSupportInformationTableEntry
<b>Access</b>	Not accessible

**Table 1219. COO Support Information Table Entry**

<b>Name</b>	cooSupportInformationTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.100.1
<b>Description</b>	Defines the COO Support Information Table entry.
<b>Syntax</b>	cooSupportInformationTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	cooSupportInformationchassisIndex , cooSupportInformationIndex

**Table 1220. COO Support Information Chassis Index**

<b>Name</b>	cooSupportInformationchassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.100.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange



**Access** Read-only

**Table 1221. COO Support Information Index**

**Name** `cooSupportInformationIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.2  
**Description** Defines the index (one-based) for this system's support information.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1222. COO Support Information State**

**Name** `cooSupportInformationState`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.3  
**Description** Defines the support information state for this system.  
**Syntax** `DellStateSettings`  
**Access** Read-only

**Table 1223. COO Support Information Is Outsourced**

**Name** `cooSupportInformationIsOutsourced`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.4  
**Description** Specifies whether the support for this system is outsourced or not.  
**Syntax** `DellBoolean`  
**Access** Read-write

**Table 1224. COO Support Information Type**

**Name** `cooSupportInformationType`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.5  
**Description** Defines the type of component, system, or network problem that occurred.  
**Syntax** `DellUnsigned32BitRange`  
**Access** Read-write

**Table 1225. COO Support Information Help Desk Name**

**Name** `cooSupportInformationHelpDeskName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.6  
**Description** Defines the help desk information provided.  
**Syntax** `DellCostofOwnershipString`

**Access** Read-write

**Table 1226. COO Support Information Fix Type Name**

**Name** `cooSupportInformationFixTypeName`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.100.1.7  
**Description** Defines the method used to fix the problem.  
**Syntax** `DellCostofOwnershipString`  
**Access** Read-write

## COO Trouble Ticket Table

The MIB objects in the Trouble Ticket Table enable you to track details of any trouble tickets that you open for your system.

**Table 1227. COO Trouble Ticket Table**

**Name** `cooTroubleTicketTable`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.110  
**Description** Defines the COO Trouble Ticket Table.  
**Syntax** SEQUENCE OF `cooTroubleTicketTableEntry`  
**Access** Not accessible

**Table 1228. COO Trouble Ticket Table Entry**

**Name** `cooTroubleTicketTableEntry`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.110.1  
**Description** Defines the COO Trouble Ticket Table entry.  
**Syntax** `cooTroubleTicketTableEntry`  
**Access** Not accessible  
**Index** `cooTroubleTicketchassisIndex`  
,  
`cooTroubleTicketIndex`

**Table 1229. COO Trouble Ticket Chassis Index**

**Name** `cooTroubleTicketchassisIndex`  
**Object ID** 1.3.6.1.4.1.674.10892.1.1600.110.1.1  
**Description** Defines the index (one-based) of this chassis.  
**Syntax** `DellObjectRange`  
**Access** Read-only

**Table 1230. COO Trouble Ticket Index**

<b>Name</b>	cooTroubleTicketIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.110.1.2
<b>Description</b>	Defines the index (one-based) of the system's trouble ticket information.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1231. COO Trouble Ticket State**

<b>Name</b>	cooTroubleTicketState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.110.1.3
<b>Description</b>	Defines the trouble ticket information state for this system.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-only

**Table 1232. COO Trouble Ticket Support Information Index Reference**

<b>Name</b>	cooTroubleTicketSupportInformationIndexReference
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.110.1.4
<b>Description</b>	Defines the support information index that references the trouble ticket.
<b>Syntax</b>	DellUnsigned32BitRange
<b>Access</b>	Read-write

**Table 1233. COO Trouble Ticket Number Name**

<b>Name</b>	cooTroubleTicketNumberName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1600.110.1.5
<b>Description</b>	Defines the trouble ticket number for this system.
<b>Syntax</b>	DellCostofOwnershipString
<b>Access</b>	Read-write

## Cost of Ownership Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 1234. COO Ownership Codes**

**Variable Name:** DellCooOwnershipCodes

**Data Type:** Integer

**Possible Data Values**

other (1)

**Meaning of Data Value**

The ownership code is not one of following:

unknown (2)	The ownership code is unknown.
owned (3)	The ownership code is owned.
leased (4)	The ownership code is leased.
rented (5)	The ownership code is rented.
offOfLease (6)	The ownership code is off of lease.
transfer (7)	The ownership code is transfer.

**Table 1235. COO Hour Day Duration Type**

**Variable Name:** DellCooHourDayDurationType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
hours (2)	Duration time type is in hours.
days (3)	Duration time type is in days.

**Table 1236. COO Day Month Duration Type**

**Variable Name:** DellCooDayMonthDurationType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
days (3)	Duration time type is in days.
months (4)	Duration time type is in months.

**Table 1237. COO Month Year Duration Type**

**Variable Name:** DellCooMonthYearDurationType

**Data Type:** Integer

Possible Data Values	Meaning of Data Value
unknown (1)	Duration time type is unknown.
months (4)	Duration time type is in months.
years (5)	Duration time type is in years.

# Remote Access Group

The Remote Access Group provides information about the remote access hardware that may be present in your system. In addition to providing general information about the capabilities and settings of the remote access hardware, this group provides information about administrative users, SNMP trap destinations, modem configuration for dial-up networking, dial-in configuration, and dial-out destinations.

## DRAC 5

On systems with Dell Remote Access Controller DRAC 5, the Remote Access Group includes only the Remote Access Table.

### Remote Access Table

The following MIB object sets up the Remote Access Table.

**Table 1238. Remote Access Table**

<b>Name</b>	
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10
<b>Description</b>	Defines the Remote Access Table.
<b>Syntax</b>	SEQUENCE OF RemoteAccessTableEntry
<b>Access</b>	Not accessible

**Table 1239. Remote Access Table Entry**

<b>Name</b>	<code>remoteAccessTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1
<b>Description</b>	Defines the Remote Access Table entry.
<b>Syntax</b>	<code>RemoteAccessTableEntry</code>
<b>Access</b>	Not accessible
<b>Index</b>	<code>remoteAccessChassisIndex , remoteAccessAdapterIndex</code>

**Table 1240. Remote Access Chassis Index**

<b>Name</b>	<code>remoteAccessChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.1
<b>Description</b>	Defines the index (one-based) of the chassis containing the remote access hardware.
<b>Syntax</b>	<code>DellObjectRange</code>

**Access** Read-only

**Table 1241. Remote Access Adapter Index**

**Name** remoteAccessAdapterIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1700.10.1.2  
**Description** Defines the index (one-based) of the remote access hardware.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 1242. Remote Access Type**

**Name** remoteAccessType  
**Object ID** 1.3.6.1.4.1.674.10892.1.1700.10.1.3  
**Description** Defines the type of remote access hardware.  
**Syntax** DellRemoteAccessType ([Remote Access Type](#))  
**Access** Read-only

**Table 1243. Remote Access State Capabilities**

**Name** remoteAccessStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1700.10.1.4  
**Description** Defines the state capabilities of the remote access hardware.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 1244. Remote Access State Settings**

**Name** remoteAccessStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1700.10.1.5  
**Description** Defines the state setting of the remote access hardware.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 1245. Remote Access Status**

**Name** remoteAccessStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1700.10.1.6  
**Description** Defines the status of the remote access hardware.  
**Syntax** DellStatus  
**Access** Read-only

**Table 1246. Remote Access Product Info Name**

<b>Name</b>	remoteAccessProductInfoName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.7
<b>Description</b>	Defines the name of the product providing the remote access functionality.
<b>Syntax</b>	DellDisplayString
<b>Access</b>	Read-only

**Table 1247. Remote Access Description Info Name**

<b>Name</b>	remoteAccessDescriptionInfoName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.8
<b>Description</b>	Defines the description of the product providing the remote access functionality.
<b>Syntax</b>	DellDisplayString
<b>Access</b>	Read-only

**Table 1248. Remote Access Version Info Name**

<b>Name</b>	remoteAccessVersionInfoName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.9
<b>Description</b>	Defines the version of the product providing the remote access functionality.
<b>Syntax</b>	DellDisplayString
<b>Access</b>	Read-only

**Table 1249. Remote Access Local Area Network (LAN) Capabilities**

<b>Name</b>	remoteAccessLANCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.14
<b>Description</b>	Defines the LAN capabilities of the remote access hardware.
<b>Syntax</b>	DellRemoteAccessLANCapabilities ( <a href="#">Remote Access Local Area Network (LAN) Capabilities</a> )
<b>Access</b>	Read-only

**Table 1250. Remote Access LAN Settings**

<b>Name</b>	remoteAccessLANSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.15
<b>Description</b>	Defines the LAN settings of the remote access hardware.
<b>Syntax</b>	DellRemoteAccessLANSettings ( <a href="#">Remote Access LAN Settings</a> )
<b>Access</b>	Read-write

**Table 1251. Remote Access Network Interface Controller (NIC) Static IP Address**

<b>Name</b>	remoteAccessNICStaticIPAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.25

<b>Description</b>	Defines the static IP address to be used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-write

**Table 1252. Remote Access NIC Static Netmask Address**

<b>Name</b>	<code>remoteAccessNICStaticNetmaskAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.26
<b>Description</b>	Defines the netmask for the static IP address to be used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-write

**Table 1253. Remote Access NIC Static Gateway Address**

<b>Name</b>	<code>remoteAccessNICStaticGatewayAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.27
<b>Description</b>	Defines the IP address for the gateway associated with the static IP address to be used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-write

**Table 1254. Remote Access Personal Computer Memory Card International Association (PCMCIA) Info Name**

<b>Name</b>	<code>remoteAccessPCMCIAInfoName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.28
<b>Description</b>	Defines the information for the PCMCIA device used by the remote access hardware.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1255. Remote Access Miscellaneous Information Name**

<b>Name</b>	<code>remoteAccessMiscInfoName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.29
<b>Description</b>	Defines the miscellaneous information for the remote access hardware.
<b>Syntax</b>	Defines the miscellaneous information for the remote access hardware.
<b>Access</b>	Read-write

**Table 1256. Remote Access NIC Current IP Address**

<b>Name</b>	<code>remoteAccessNICCurrentIPAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.30



<b>Description</b>	Defines the IP address currently being used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1257. Remote Access NIC Current Netmask Address**

<b>Name</b>	<code>remoteAccessNICCurrentNetmaskAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.31
<b>Description</b>	Defines the netmask currently being used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1258. Remote Access NIC Current Gateway Address**

<b>Name</b>	<code>remoteAccessNICCurrentGatewayAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.32
<b>Description</b>	Defines the IP address for the gateway currently being used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1259. Remote Access NIC Current Information From Dynamic Host Configuration Protocol (DHCP)**

<b>Name</b>	<code>remoteAccessNICCurrentInfoFromDHCP</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.33
<b>Description</b>	Defines whether DHCP was used to obtain the NIC information currently being used by the integrated NIC provided by the remote access hardware.
<b>Syntax</b>	DellBoolean
<b>Access</b>	Read-only

**Table 1260. Remote Access Remote Connect URL**

<b>Name</b>	<code>remoteAccessRemoteConnectURL</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1700.10.1.34
<b>Description</b>	Defines the URL for launching the Remote Access Remote Connect Interface.
<b>Syntax</b>	DisplayString
<b>Access</b>	Mandatory

## Remote Access Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 1261. Remote Access Type****Variable Name:**DellRemoteAccessType**Data Type:**Integer

Possible Data Values	Meaning of Data Value
remoteAccessType IsOther (1)	The remote access type is not one of the following:
remoteAccessType IsUnknown (2)	The remote access type is unknown.
remoteAccessType IsDRACIII (3)	The remote access type is DRAC III.
remoteAccessType IsERA (4)	The remote access type is ERA.

**Table 1262. Remote Access Control Capabilities****Variable Name:**DellRemoteAccessControlCapabilities**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no control capabilities.
unknownCapabilities (1)	The remote access hardware control capabilities are unknown.
logResetCapable (2)	The remote access hardware can reset its integrated logs.
hardResetCapable (4)	The remote access hardware can perform a hard reset.
softResetCapable (8)	The remote access hardware can perform a soft reset.
gracefulResetCapable (16)	The remote access hardware can gracefully shut down and perform a soft reset.
defaultConfigResetCapable (32)	The remote access hardware can reset to its default settings.
shutdownCapable (64)	The remote access hardware can shut down.

**Table 1263. Remote Access Control Settings****Variable Name:**DellRemoteAccessControlSettings**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no control settings.
unknown (1)	The remote access hardware control settings are unknown.
logReset (2)	The remote access hardware resets its integrated logs.

hardReset (4)	The remote access hardware performs a hard reset.
softReset (8)	The remote access hardware performs a soft reset.
gracefulReset (16)	The remote access hardware shuts down and perform a soft reset.
defaultConfigReset (32)	The remote access hardware resets to its default settings.
shutdown (64)	The remote access hardware shuts down.

**Table 1264. Remote Access Monitor Capabilities**

**Variable Name:**DellRemoteAccessMonitorCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no monitor capabilities.
unknownCapabilities (1)	The remote access hardware monitor capabilities are unknown.
extPwrSupplyMonitorIfConnectedCapable (2)	The remote access hardware can be set to monitor the external power supply, if connected.
extPwrSupplyMonitorAlwaysEnabledCapable (4)	The remote access hardware can be set to always monitor the external power supply.

**Table 1265. Remote Access Monitor Settings**

**Variable Name:**DellRemoteAccessMonitorSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no monitor settings.
unknown (1)	The remote access hardware monitor settings are unknown.
extPwrSupplyMonitorIfConnectedEnabled (2)	The remote access hardware monitors the external power supply, if connected.
extPwrSupplyMonitorAlwaysEnabledEnabled (4)	The remote access hardware always monitors the external power supply.

**Table 1266. Remote Access Local Area Network (LAN) Capabilities**

**Variable Name:**DellRemoteAccessLANCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

none (0)	The remote access hardware has no LAN capabilities.
unknownCapabilities (1)	The remote access hardware LAN capabilities are unknown.
nicCapable (2)	The remote access hardware has a network interface controller (NIC).
nicDHCPCapable (4)	The remote access hardware NIC can use DHCP to obtain an IP address.

**Table 1267. Remote Access LAN Settings**

**Variable Name:**DellRemoteAccessLANSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no LAN settings.
unknown (1)	The remote access hardware LAN settings are unknown.
nicEnabled (2)	The remote access hardware NIC is enabled.
nicDHCPEnabled (4)	The remote access hardware NIC uses DHCP to obtain an IP address.

**Table 1268. Remote Access Host Capabilities**

**Variable Name:**DellRemoteAccessHostCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no host capabilities.
unknownCapabilities (1)	The remote access hardware host capabilities are unknown.
smtpEmailCapable (2)	The remote access hardware supports sending e-mail using SMTP.
tftpRemoteFloppyCapable (4)	The remote access hardware supports remote floppy boot using a TFTP server.
tftpRemoteFirmwareUpdateCapable (8)	The remote access hardware supports remote firmware update using a TFTP server.

**Table 1269. Remote Access Host Settings**

**Variable Name:**DellRemoteAccessHostSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no host settings.
unknown (1)	The remote access hardware host settings are unknown.

smtpEmailEnabled(2)	The remote access hardware SMTP client is enabled for sending e-mail.
tftpRemoteFloppyEnabled(4)	The remote access hardware TFTP client is enabled for remote floppy boot.
tftpRemoteFirmwareUpdateEnabled(8)	The remote access hardware TFTP client is enabled for remote firmware update.

**Table 1270. Remote Access Out-Of-Band Simple Network Management Protocol (SNMP) Capabilities**

**Variable Name:**DellRemoteAccessOutOfBandSNMPCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no out-of-band SNMP capabilities.
unknownCapabilities (1)	The remote access hardware out-of-band SNMP capabilities are unknown.
oobSNMPAgentCapable (2)	The remote access hardware has an out-of-band SNMP agent.
oobSNMPTrapsCapable (4)	The remote access hardware can send out-of-band SNMP traps.

**Table 1271. Remote Access Out-Of-Band Simple Network Management Protocol (SNMP) Settings**

**Variable Name:**DellRemoteAccessOutOfBandSNMPSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The remote access hardware has no out-of-band SNMP settings.
unknown (1)	The remote access hardware out-of-band SNMP settings are unknown.
oobSNMPAgentEnabled (2)	The remote access hardware out-of-band SNMP agent is enabled.
oobSNMPTrapsEnabled (4)	The remote access hardware sends out-of-band SNMP traps.

**Table 1272. Remote User Admin State Capabilities**

**Variable Name:**DellRemoteUserAdminStateCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no state capabilities.
unknownCapabilities (1)	The admin user state capabilities are unknown.
enableCapable (2)	The admin user can be disabled or enabled.
notReadyCapable (4)	The admin user can be in the <i>not ready</i> state.

numericPagerCapable (8)	The admin user supports numeric paging.
alphaPagerCapable (16)	The admin user supports alphanumeric paging.
emailCapable (32)	The admin user supports e-mail.
privilegeCapable (64)	The admin user supports user privileges configuration.

**Table 1273. Remote User Admin State Settings**

**Variable Name:**DellRemoteUserAdminStateSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no state settings.
unknown (1)	The admin user state settings are unknown.
enabled (2)	The admin user is enabled.
notReady (4)	The admin user is in the <i>not ready</i> state.
numericPagerEnabled (8)	Numeric paging is enabled for the admin user.
alphaPagerEnabled (16)	Alphanumeric paging is enabled for the admin user.
emailEnabled (32)	E-mail is enabled for the admin user.

**Table 1274. Remote User Admin Control Capabilities**

**Variable Name:**DellRemoteUserAdminControlCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no control capabilities.
unknownCapabilities (1)	The admin user control capabilities are unknown.
numericPagerTestCapable (2)	The admin user can support sending a test numeric page.
alphaPagerTestCapable (4)	The admin user can support sending a test alphanumeric page.
emailTestCapable (8)	The admin user can support sending a test e-mail.

**Table 1275. Remote User Admin Control Settings**

**Variable Name:**DellRemoteUserAdminControlSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The admin user has no control settings.
unknown (1)	The admin user control settings are unknown.

numericPagerTest(2)	A numeric pager test is performed for the admin user.
alphaPagerTest(4)	An alphanumeric pager test is performed for the admin user.
emailTest(8)	An e-mail test is performed for the admin user.

**Table 1276. Remote User Admin Alpha Protocol Type**

**Variable Name:**DellRemoteUserAdminAlphaProtocolType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
other(1)	The remote user admin alpha protocol type is not one of the following:
unknown(2)	The remote user admin alpha protocol type is unknown.
alpha7E0(3)	The remote user admin alpha protocol type is 7E0.
alpha8N1(4)	The remote user admin alpha protocol type is 8N1.

**Table 1277. Remote User Admin Alpha Baud Type**

**Variable Name:**DellRemoteUserAdminAlphaBaudType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
other(1)	The remote user alphanumeric baud rate is not one of the following:
unknown(2)	The remote user alphanumeric baud rate is unknown.
alphaBaud300(3)	The remote user alphanumeric baud rate is 300.
alphaBaud1200(4)	The remote user alphanumeric baud rate is 1200.

**Table 1278. Remote SNMP Trap State Capabilities**

**Variable Name:**DellRemoteSNMPTrapStateCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none(0)	The SNMP trap destination has no state capabilities.
unknownCapabilities(1)	The SNMP trap destination state capabilities are unknown.
enableCapable(2)	The SNMP trap destination can be disabled or enabled.
notReadyCapable(4)	The SNMP trap destination can be in the not ready state.

**Table 1279. Remote SNMP Trap State Settings****Variable Name:**DellRemoteSNMPTrapStateSettings**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no state settings.
unknown (1)	The SNMP trap destination state settings are unknown.
enabled (2)	The SNMP trap destination is enabled.
notReady (4)	The SNMP trap destination is in the <i>not ready</i> state.

**Table 1280. Remote SNMP Trap Control Capabilities****Variable Name:**DellRemoteSNMPTrapControlCapabilities**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no control capabilities.
unknownCapabilities (1)	The SNMP trap destination control capabilities are unknown.
trapTestCapable (2)	A SNMP trap test can be performed for the SNMP trap destination.

**Table 1281. Remote SNMP Trap Control Settings****Variable Name:**DellRemoteSNMPTrapControlSettings**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The SNMP trap destination has no control settings.
unknown (1)	The SNMP trap destination control settings are unknown.
trapTestCapable (2)	A SNMP trap test is performed for the SNMP trap destination.

**Table 1282. Remote Dial-Up State Capabilities****Variable Name:**DellRemoteDialUpStateCapabilities**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-up functionality has no state capabilities.
unknownCapabilities (1)	The dial-up functionality state capabilities are unknown.
enableCapable (2)	The dial-up functionality can be disabled or enabled.
notReadyCapable (4)	The dial-up functionality can be in the not ready state.



dialInCapable (8)	The dial-up functionality can support the dial-in feature.
dialOutCapable (16)	The dial-up functionality can support the dial-out feature.
dialInDHCPCapable (32)	The dial-up functionality can support using DHCP to obtain an IP address for the dial-in feature.
dialInAuthAnyCapable (64)	The dial-up functionality can support any authentication type (including clear text) for the dial-in feature.
dialInAuthEncryptedCapable (128)	The dial-up functionality can support encrypted passwords (CHAP) authentication for the dial-in feature.
dialInAuthMschapCapable (256)	The dial-up functionality can support MSCHAP authentication type for the dial-in feature.

**Table 1283. Remote Dial-Up State Settings**

**Variable Name:**DellRemoteDialUpStateSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-up functionality has no state settings.
unknown (1)	The dial-up functionality state settings are unknown.
enabled (2)	The dial-up functionality is enabled.
notReadyCapable (4)	The dial-up functionality is in the <i>not ready</i> state.
dialInEnabled (8)	The dial-up functionality dial-in feature is enabled.
dialOutEnabled (16)	The dial-up functionality dial-out feature is enabled.
dialInDHCPEnabled (32)	The dial-up functionality uses DHCP to obtain an IP address for the dial-in feature.
dialInAuthAnyEnabled (64)	The dial-up functionality accepts any authentication type (including clear text) for the dial-in feature.
dialInAuthEncrypted Enabled (128)	The dial-up functionality uses only encrypted passwords (CHAP) authentication type for the dialin feature.
dialInAuthMschap Enabled (256)	The dial-up functionality uses only MSCHAP authentication type for the dial-in feature.

**Table 1284. Remote Dial-Up Modem Dial Type**

**Variable Name:**DellRemoteDialUpModemDialType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

remoteDialUpIsOther (1)	The remote dial type is not one of the following:
remoteDialUpIsUnknown (2)	The remote dial type is unknown.
remoteDialUpIsTone (3)	The remote dial type is tone.
remoteDialUpIsPulse (4)	The remote dial type is pulse.

**Table 1285. Remote User Dial-In State Capabilities**

**Variable Name:**DellRemoteUserDialInStateCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-in user has no state capabilities.
unknownCapabilities (1)	The dial-in user state capabilities are unknown.
enableCapable (2)	The dial-in user can be disabled or enabled.
notReadyCapable (4)	The dial-in user can be in the not ready state.
dialInCallbackPresetNumberCapable (8)	The dial-in user can support callback using a preset number.
dialInCallbackUserSpecifiedCapable (16)	The dial-in user can support callback using a user-specified number.

**Table 1286. Remote User Dial-In State Settings**

**Variable Name:**DellRemoteUserDialInStateSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-in user has no state settings.
unknown (1)	The dial-in user state settings are unknown.
enabled (2)	The dial-in user is enabled.
notReady (4)	The dial-in user is in the <i>not ready</i> state.
dialInCallbackPresetNumberEnabled (8)	Callback using a preset number is enabled for the dial-in user.
dialInCallbackUserSpecifiedEnabled (16)	Callback using a user-specified number is enabled for the dial-in user.

**Table 1287. Remote Dial-Out State Capabilities**

**Variable Name:**DellRemoteDialOutStateCapabilities

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
----------------------	-----------------------

none (0)	The dial-out destination has no state capabilities.
unknownCapabilities (1)	The dial-out destination state capabilities are unknown.
enableCapable (2)	The dial-out destination can be disabled or enabled.
notReadyCapable (4)	The dial-out destination can be in the <i>not ready</i> state.
dialOutPPPAuthAnyCapable (8)	The dial-out destination can support any authentication type (including clear text) for PPP.
dialOutPPPAuthEncryptedCapable (16)	The dial-out destination can support encrypted passwords authentication type for PPP.
dialOutPPPAuthMsChapCapable (32)	The dial-out destination can support MSCHAP authentication type for PPP.

**Table 1288. Remote Dial-Out State Settings**

**Variable Name:**DellRemoteDialOutStateSettings

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
none (0)	The dial-out destination has no state settings.
unknown (1)	The dial-out destination state settings are unknown.
enabled (2)	The dial-out destination is disabled or enabled.
notReady (4)	The dial-out destination is in the <i>not ready</i> state.
dialOutPPPAuthAnyEnabled (8)	The dial-out destination accepts any authentication type (including clear text) for PPP.
dialOutPPPAuthEncryptedEnabled (16)	The dial-out destination uses only encrypted passwords authentication type for PPP.
dialOutPPPAuthMsChapEnabled (32)	The dial-out destination uses only MSCHAP authentication type for PPP.



# Cluster Group

Clustering combines multiple systems in such a way that they provide services a single system cannot. Clustering enhances higher availability, scalability, and management. Higher availability is achieved by using *failover* clusters, in which resources can automatically move between two or more systems in the event of a failure. Scalability is achieved by balancing the load of an application across several computer systems. Simpler management is achieved by using virtual servers, as opposed to managing each individual computer system.

## Cluster Group

The Cluster Group defines attributes such as the number of systems in the cluster, capabilities of the cluster, type of cluster, and name of the cluster.

### Cluster Table

The following table defines the attributes of the cluster.

**Table 1289. Cluster Table**

<b>Name</b>	<code>clusterTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10
<b>Description</b>	Defines the Cluster Table.
<b>Syntax</b>	SEQUENCE OF ClusterTableEntry
<b>Access</b>	Not accessible

**Table 1290. Cluster Table Entry**

<b>Name</b>	<code>clusterTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1
<b>Description</b>	Defines the Cluster Table entry.
<b>Syntax</b>	ClusterTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>clusterChassisIndex</code> , <code>clusterIndex</code>

**Table 1291. Cluster Chassis Index**

<b>Name</b>	<code>clusterChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.1

<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1292. Cluster Index**

<b>Name</b>	<code>clusterIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.2
<b>Description</b>	Defines the index (one-based) of the cluster.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1293. Cluster State Capabilities**

<b>Name</b>	<code>clusterStateCapabilities</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.3
<b>Description</b>	Defines the state capabilities of the cluster.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1294. Cluster State Settings**

<b>Name</b>	<code>clusterStateSettings</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.4
<b>Description</b>	Defines the state settings of the cluster.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1295. Cluster Status**

<b>Name</b>	<code>clusterStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.5
<b>Description</b>	Defines the status of the cluster.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1296. Cluster Type**

<b>Name</b>	<code>clusterType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.6
<b>Description</b>	Defines the type of the cluster.
<b>Syntax</b>	DellClusterType
<b>Access</b>	Read-only

**Table 1297. Cluster Type Description Name**

<b>Name</b>	<code>clusterTypeDescriptionName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.7
<b>Description</b>	Defines the description name for the type of the cluster.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1298. Cluster Name**

<b>Name</b>	<code>clusterName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1800.10.1.8
<b>Description</b>	Defines the name of the cluster.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Cluster Group Variable Values

This section includes definitions for Server Administrator-specific variable values used in this section.

**Table 1299. Cluster Type**

**Variable Name:**`DellClusterType`

**Data Type:**`Integer`

<b>Possible Data Values</b>	<b>Meaning of Data Value</b>
<code>unknown(1)</code>	The cluster type is unknown.
<code>highAvailabilityCluster(2)</code>	The cluster type is a high-availability cluster.





# Baseboard Management Controller Group

The Baseboard Management Controller (BMC) monitors the system for critical events by communicating with various sensors on the system board and sends alerts and log events when certain parameters exceed their preset thresholds. The BMC Group provides information about the BMC that may be present in your system. In addition to providing general information about the BMC, this group provides information about the serial and local area network (LAN) interfaces of the BMC.

## Baseboard Management Controller Group Tables

The objects in the BMC group define information about the BMC and the serial and LAN interfaces that can be used to access the BMC remotely to perform management activities. Objects for the serial interface define the serial connection mode, flow control type and bit rate. Objects for the LAN interface define the media access control (MAC) address, internet protocol (IP) address, subnet mask and default gateway.

The following MIB tables define the BMC group:

- Baseboard Management Controller Table
- Baseboard Management Controller Serial Interface Table
- Baseboard Management Controller LAN Interface Table

### Baseboard Management Controller Table

**Table 1300. BMC Table**

<b>Name</b>	bmcTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10
<b>Description</b>	Defines the Baseboard Management Controller Table.
<b>Syntax</b>	SEQUENCE OF BmcTableEntry
<b>Access</b>	Not accessible

**Table 1301. BMC Table Entry**

<b>Name</b>	bmcTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1
<b>Description</b>	Defines the Baseboard Management Controller (BMC) Table Entry.
<b>Syntax</b>	BmcTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	bmcChassisIndex

bmcIndex

**Table 1302. BMC Chassis Index**

<b>Name</b>	bmcChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1303. BMC Index**

<b>Name</b>	bmcIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.2
<b>Description</b>	Defines the index (one-based) of the BMC.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1304. BMC State Capabilities**

<b>Name</b>	bmcStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.3
<b>Description</b>	Defines the state capabilities of the BMC.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1305. BMC State Settings**

<b>Name</b>	bmcStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.4
<b>Description</b>	Defines the state settings of the BMC.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1306. BMC Status**

<b>Name</b>	bmcStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.5
<b>Description</b>	Defines the status of the BMC.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1307. BMC Display Name**

<b>Name</b>	bmcDisplayName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.6
<b>Description</b>	Defines the display name of the BMC.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1308. BMC Description Name**

<b>Name</b>	bmcDescriptionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.7
<b>Description</b>	Defines the description of the BMC.
<b>Syntax</b>	DisplayString (SIZE (0..255))
<b>Access</b>	Read-only

**Table 1309. BMC IPMI Version Name**

<b>Name</b>	bmcIPMIVersionName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.8
<b>Description</b>	Defines the version of the Intelligent Platform Management Interface (IPMI) specification that the BMC supports.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1310. BMC GUID**

<b>Name</b>	bmcGUID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.9
<b>Description</b>	Defines the Globally Unique ID (GUID) of the BMC.
<b>Syntax</b>	Octet String (SIZE(16))
<b>Access</b>	Read-only

**Table 1311. BMC Type**

<b>Name</b>	bmcType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.10
<b>Description</b>	Defines the type of the BMC.
<b>Syntax</b>	DellManagementControllerType
<b>Access</b>	Read-only

**Table 1312. BMC Module Name**

<b>Name</b>	bmcModuleName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.11

<b>Description</b>	Defines the module name for the BMC. The module name is present only on certain systems, such as modular systems.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1313. BMC IPv4 URL Name**

<b>Name</b>	bmcIPv4URLName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.12
<b>Description</b>	Defines the IPv4 URL for the BMC. The URL is not present on all systems.
<b>Syntax</b>	DisplayString (SIZE (0..1024))
<b>Access</b>	Read-only

**Table 1314. BMC IPv6 URL Name**

<b>Name</b>	bmcIPv6URLName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.10.1.13
<b>Description</b>	Defines the IPv6 URL for the BMC. The URL is not present on all systems.
<b>Syntax</b>	DisplayString (SIZE (0..1024))
<b>Access</b>	Read-only

## Baseboard Management Controller Serial Interface

**Table 1315. BMC Serial Interface Table**

<b>Name</b>	bmcSerialInterfaceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20
<b>Description</b>	Defines the BMC Serial Interface Table.
<b>Syntax</b>	SEQUENCE OF BmcSerialInterfaceTableEntry
<b>Access</b>	Not accessible

**Table 1316. BMC Serial Interface Table Entry**

<b>Name</b>	bmcSerialInterfaceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1
<b>Description</b>	Defines the BMC Serial Interface Table Entry.
<b>Syntax</b>	BmcSerialInterfaceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	bmcSerialInterfaceChassisIndex , bmcSerialInterfaceBMCIndex

bmcSerialInterfaceIndex

**Table 1317. BMC Serial Interface Chassis Index**

<b>Name</b>	bmcSerialInterfaceChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1318. BMC Serial Interface BMC Index**

<b>Name</b>	bmcSerialInterfaceBMCIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.2
<b>Description</b>	Defines the index (one-based) of the associated BMC.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1319. BMC Serial Interface Index**

<b>Name</b>	bmcSerialInterfaceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.3
<b>Description</b>	Defines the index (one-based) of the BMC serial interface.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1320. BMC Serial Interface State Capabilities**

<b>Name</b>	bmcSerialInterfaceStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.4
<b>Description</b>	Defines the state capabilities of the BMC serial interface.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1321. BMC Serial Interface State Settings**

<b>Name</b>	bmcSerialInterfaceStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.5
<b>Description</b>	Defines the state settings of the BMC serial interface.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1322. BMC Serial Interface Status**

<b>Name</b>	bmcSerialInterfaceStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.6
<b>Description</b>	Defines the status of the BMC serial interface.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1323. BMC Serial Interface Channel Number**

<b>Name</b>	bmcSerialInterfaceChannelNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.7
<b>Description</b>	Defines the BMC channel number of the BMC serial interface.
<b>Syntax</b>	DellUnsigned8BitRange
<b>Access</b>	Read-only

**Table 1324. BMC Serial Interface Connection Mode Capabilities**

<b>Name</b>	bmcSerialInterfaceConnectionModeCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.8
<b>Description</b>	Defines the connection mode capabilities of the BMC serial interface.
<b>Syntax</b>	DellBMCSerialConnectionModeCapabilities
<b>Access</b>	Read-only

**Table 1325. BMC Serial Interface Connection Mode Settings**

<b>Name</b>	bmcSerialInterfaceConnectionModeSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.9
<b>Description</b>	Defines the connection mode settings of the BMC serial interface.
<b>Syntax</b>	DellBMCSerialConnectionModeSettings
<b>Access</b>	Read-only

**Table 1326. BMC Serial Interface Flow Control**

<b>Name</b>	bmcSerialInterfaceFlowControl
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.10
<b>Description</b>	Defines the flow control type of the BMC serial interface.
<b>Syntax</b>	DellBMCSerialFlowControlType
<b>Access</b>	Read-only

**Table 1327. BMC Serial Interface Bit Rate**

<b>Name</b>	bmcSerialInterfaceBitRate
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.20.1.11

<b>Description</b>	Defines the bit rate of the BMC serial interface.
<b>Syntax</b>	DellBMCSerialBitRateType
<b>Access</b>	Read-only

## Baseboard Management Controller LAN Interface Table

**Table 1328. BMC LAN Interface**

<b>Name</b>	bmcLANInterfaceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30
<b>Description</b>	Defines the Baseboard Management Controller (BMC) LAN Interface Table.
<b>Syntax</b>	SEQUENCE OF BmcLANInterfaceTableEntry
<b>Access</b>	Not accessible

**Table 1329. BMC LAN Interface Table Entry**

<b>Name</b>	bmcLANInterfaceTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1
<b>Description</b>	Defines the Baseboard Management Controller (BMC) LAN Interface Table Entry.
<b>Syntax</b>	BmcLANInterfaceTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	bmcLANInterfaceChassisIndex , bmcLANInterfaceBMCIndex , bmcLANInterfaceIndex

**Table 1330. BMC LAN Interface Chassis Index**

<b>Name</b>	bmcLANInterfaceChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1331. BMC LAN Interface BMC Index**

<b>Name</b>	bmcLANInterfaceBMCIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.2
<b>Description</b>	Defines the index (one-based) of the associated BMC.
<b>Syntax</b>	DellObjectRange

**Access** Read-only

**Table 1332. BMC LAN Interface Index**

**Name** bmcLANInterfaceIndex  
**Object ID** 1.3.6.1.4.1.674.10892.1.1900.30.1.3  
**Description** Defines the index (one-based) of the BMC LAN interface.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 1333. BMC LAN Interface State Capabilities**

**Name** bmcLANInterfaceStateCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.1900.30.1.4  
**Description** Defines the state capabilities of the BMC LAN interface.  
**Syntax** DellStateCapabilities  
**Access** Read-only

**Table 1334. BMC LAN Interface State Settings**

**Name** bmcLANInterfaceStateSettings  
**Object ID** 1.3.6.1.4.1.674.10892.1.1900.30.1.5  
**Description** Defines the state settings of the BMC LAN interface.  
**Syntax** DellStateSettings  
**Access** Read-write

**Table 1335. BMC LAN Interface Status**

**Name** bmcLANInterfaceStatus  
**Object ID** 1.3.6.1.4.1.674.10892.1.1900.30.1.6  
**Description** Defines the status of the BMC LAN interface.  
**Syntax** DellStatus  
**Access** Read-only

**Table 1336. BMC LAN Interface Channel Number**

**Name** bmcLANInterfaceChannelNumber  
**Object ID** 1.3.6.1.4.1.674.10892.1.1900.30.1.7  
**Description** Defines the BMC channel number of the BMC LAN interface.  
**Syntax** DellUnsigned8BitRange  
**Access** Read-only



**Table 1337. BMC LAN Interface IP Address Source**

<b>Name</b>	bmcLANInterfaceIPAddressSource
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.8
<b>Description</b>	Defines the source type of the IP address of the BMC LAN interface.
<b>Syntax</b>	DellBMCLANIPAddressSourceType
<b>Access</b>	Read-only

**Table 1338. BMC LAN Interface IP Address**

<b>Name</b>	bmcLANInterfaceIPAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.9
<b>Description</b>	Defines the IP address of the BMC LAN interface.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1339. BMC LAN Interface Subnet Mask Address**

<b>Name</b>	bmcLANInterfaceSubnetMaskAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.10
<b>Description</b>	Defines the subnet mask of the BMC LAN interface.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1340. BMC LAN Interface Default Gateway Address**

<b>Name</b>	bmcLANInterfaceDefaultGatewayAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.11
<b>Description</b>	Defines the IP address of the default gateway for the BMC LAN interface.
<b>Syntax</b>	IpAddress
<b>Access</b>	Read-only

**Table 1341. BMC LAN Interface MAC Address**

<b>Name</b>	bmcLANInterfaceMACAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.12
<b>Description</b>	Defines the MAC address of the BMC LAN interface.
<b>Syntax</b>	DellMACAddress
<b>Access</b>	Read-only

**Table 1342. BMC LAN Interface Alert Community Name**

<b>Name</b>	bmcLANInterfaceAlertCommunityName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.1900.30.1.13

<b>Description</b>	Defines the SNMP community used for BMC LAN alerts (traps) sent on the BMC LAN interface.
<b>Syntax</b>	DisplayString (SIZE (0..32))
<b>Access</b>	Read-only

## Baseboard Management Controller Group Variable Values

This section includes definitions for server administrator-specific variable values used in this section.

**Table 1343. Baseboard Management Controller**

**Variable Name:**DellBMCSerialConnectionModeCapabilities

**Data Type:**Integer

**These values are bit masks; therefore, combination values are possible.**

Possible Data Values	Meaning of Data Value
-- none (0)	No mode capabilities.
modemBasic (1)	BMC serial interface supports Modem Basic mode.
modemPPP (2)	BMC serial interface supports Modem Point to Point Protocol (PPP) mode.
modemTerminal (4)	BMC serial interface supports Modem Terminal mode.
directBasic (8)	BMC serial interface supports Direct Basic mode.
directPPP (16)	BMC serial interface supports Direct PPP mode.
directTerminal (32)	BMC serial interface supports Direct Terminal mode.

**Table 1344. BMC Serial Connection Mode Settings**

**Variable**

**Name:**DellBMCSerialConnectionModeSettingsDellBMCSerialConnectionModeCapabilities

**Data Type:**Integer

**These values are bit masks; therefore, combination values are possible.**

Possible Data Values	Meaning of Data Value
-- none (0)	No modes enabled.
modemBasic (1)	Modem Basic mode is enabled.
modemPPP (2)	Modem PPP mode is enabled.
modemTerminal (4)	Modem Terminal mode is enabled.
directBasic (8)	Direct Basic mode is enabled.
directPPP (16)	Direct PPP mode is enabled.
directTerminal (32)	Direct Terminal mode is enabled.

**Table 1345. BMC Serial Flow Control Type**

**Variable Name:**DellBMCSerialFlowControlType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
-- none (0)	No flow control used.
rtscts (1)	RTS/CTS (hardware) flow control used.
xonXoff (2)	XON/XOFF flow control used.

**Table 1346. BMC Serial Bit Rate Type**

**Variable Name:**DellBMCSerialBitRateType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
bps9600 (6)	Bit rate is 9600 bps (bits per second)
bps19200 (7)	Bit rate is 19200 bps
bps38400 (8)	Bit rate is 38400 bps
bps57600 (9)	Bit rate is 57600 bps
bps115200 (10)	Bit rate is 115200 bps

**Table 1347. BMC LAN IP Address Source Type**

**Variable Name:**DellBMCLANIPAddressSourceType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
-- unspecified (0)	Source is unspecified.
static (1)	IP address is static.
dhcp (2)	Dynamic Host Configuration Protocol (DHCP) used to obtain IP address.
biosOrSystemSoftware (3)	BIOS or system software provided IP Address.
other (4)	Other protocol used to obtain IP address.

**Table 1348. BMC Management Controller Type**

**Variable Name:**DellManagementControllerType

**Data Type:**Integer

Possible Data Values	Meaning of Data Value
-- legacyBMC (0)	Controller type is legacy Baseboard Management Controller.
iDRAC (8)	Controller type is iDRAC.

iDRAC6 (10)	Controller type is Integrated Dell Remote Access Controller 6.
iDRAC6Modular (11)	Controller type is Integrated Dell Remote Access Controller 6 (Modular).
iDRAC6BMC (13)	Controller type is Integrated Dell Remote Access Controller 6 (BMC mode).
iDRAC7 (16)	Controller type is Integrated Dell Remote Access Controller 7.
iDRAC7Modular (17)	Controller type is Integrated Dell Remote Access Controller 7 (Modular).

## Field Replaceable Unit Group

A field replaceable unit (FRU) is a part that can be removed and replaced without having to send the system to a repair facility. The Field Replaceable Unit Group provides information about the field replaceable units that may be present in your system.

### Field Replaceable Unit Group Tables

The objects in the FRU group define information such as manufacturer, serial number, part number and revision for field replaceable units. The following MIB tables define the FRU group.

**Table 1349. Field Replaceable Unit Table**

<b>Name</b>	<code>fruTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10
<b>Description</b>	Defines the Field Replaceable Unit table.
<b>Syntax</b>	SEQUENCE OF FruTableEntry
<b>Access</b>	Not accessible

**Table 1350. FRU Table Entry**

<b>Name</b>	<code>fruTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1
<b>Description</b>	Defines the FRU Table Entry.
<b>Syntax</b>	FruTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>fruChassisIndex</code> , <code>fruIndex</code>

**Table 1351. FRU Chassis Index**

<b>Name</b>	<code>fruChassisIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.1
<b>Description</b>	Defines the index (one-based) of the chassis containing the FRU.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1352. FRU Index**

<b>Name</b>	<code>fruIndex</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.2
<b>Description</b>	Defines the index (one-based) of the FRU.
<b>Syntax</b>	<code>DellObjectRange</code>
<b>Access</b>	Read-only

**Table 1353. FRU Information Status**

<b>Name</b>	<code>fruInformationStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.3
<b>Description</b>	Defines the status of the FRU table entry.
<b>Syntax</b>	<code>DellStatus</code>
<b>Access</b>	Read-only

**Table 1354. FRU Information State**

<b>Name</b>	<code>fruInformationState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.4
<b>Description</b>	Defines the state of the FRU information. Some information for the FRU may not be available if the state is other than ok(1).
<b>Syntax</b>	<code>DellFRUInformationState</code>
<b>Access</b>	Read-only

**Table 1355. FRU Device Name**

<b>Name</b>	<code>fruDeviceName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.5
<b>Description</b>	Defines the device name of the FRU.
<b>Syntax</b>	<code>DisplayString (SIZE (0..64))</code>
<b>Access</b>	Read-only

**Table 1356. FRU Manufacturer Name**

<b>Name</b>	<code>fruManufacturerName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.6
<b>Description</b>	Defines the manufacturer of the FRU.
<b>Syntax</b>	<code>DisplayString (SIZE (0..64))</code>
<b>Access</b>	Read-only

**Table 1357. FRU Serial Number Name**

<b>Name</b>	<code>fruSerialNumberName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.7

<b>Description</b>	Defines the serial number of the FRU.
<b>Syntax</b>	DisplayString (SIZE (0..64))
<b>Access</b>	Read-only

**Table 1358. FRU Part Number Name**

<b>Name</b>	<code>fruPartNumberName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.8
<b>Description</b>	Defines the part number of the FRU
<b>Syntax</b>	DisplayString (SIZE (0..64))
<b>Access</b>	Read-only

**Table 1359. FRU Revision Name**

<b>Name</b>	<code>fruRevisionName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.9
<b>Description</b>	Defines the revision of the FRU.
<b>Syntax</b>	DisplayString (SIZE (0..64))
<b>Access</b>	Read-only

**Table 1360. FRU Manufacturing Date Name**

<b>Name</b>	<code>fruManufacturingDateName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.10
<b>Description</b>	Defines the manufacturing date of the FRU.
<b>Syntax</b>	<code>DellDateName</code>
<b>Access</b>	Read-only

**Table 1361. FRU Asset Tag Name**

<b>Name</b>	<code>fruAssetTagName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.2000.10.1.11
<b>Description</b>	Defines the asset tag of the FRU.
<b>Syntax</b>	DisplayString (SIZE (0..64))
<b>Access</b>	Read-only

## Field Replaceable Unit Group Variable Values

This section includes definitions for server administrator-specific variable values.

**Table 1362. FRU Information State**

**Variable Name:** `DellFRUInformationState`

**Data Type:** `Integer`

**Possible Data Values**

ok(1)

notSupported(2)

notAvailable(3)

checksumInvalid(4)

corrupted(5)

**Meaning of Data Value**

FRU information is okay.

FRU information is not supported.

FRU information is not available.

FRU information checksum is invalid.

FRU information is corrupted.




# Storage Management Group

The Storage Management Group is composed of the following:

- Storage Management Group—information about the software product and system status.
- Storage Management Information Group—properties about the Simple Network Management Protocol (SNMP) agent.
- Global Data Group—system status.
- Physical Devices Group—physical devices managed by the software.
- Logical Devices Group—logical devices managed by the software.
- Storage Management Event Group—SNMP traps.

## Storage Management Group

The Storage Management Information Base (MIB) Group defines the properties that identify information about the Storage Management software product and the current status of the system it manages.

 **NOTE:** In Windows the optional “Storage Management” component must first be installed to respond to SNMP queries in this group. On Linux several optional RPM packages for storage must be installed. See the *Server Administrator Installation Guide* for more information.

**Table 1363. Software Version**

<b>Name</b>	softwareVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.1
<b>Description</b>	Identifies the version number of the storage management component of the systems management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1364. Global Status**

<b>Name</b>	globalStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.2
<b>Description</b>	Identifies global health for the subsystem managed by the Storage Management software. This global status is customized for HP OpenView. Other applications should refer to the agentSystemGlobalStatus entry in the globalData object group. Possible values: 1: Critical 2: Warning 3: Normal 4: Unknown

<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1365. Software Manufacturer**

<b>Name</b>	softwareManufacturer
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.3
<b>Description</b>	Identifies the manufacturer of the Storage Management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1366. Software Product**

<b>Name</b>	softwareProduct
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.4
<b>Description</b>	Identifies product information for the Storage Management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1367. Software Description**

<b>Name</b>	softwareDescription
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.5
<b>Description</b>	Identifies the product description for the Storage Management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Storage Management Information Group

The Storage Management Information MIB Group defines the properties that identify the Storage Management software SNMP agent.

**Table 1368. Display Name**

<b>Name</b>	displayName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.100.1
<b>Description</b>	Identifies the name of this management software for display purposes.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1369. Description**

<b>Name</b>	<code>description</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.100.2
<b>Description</b>	Provides a short description of this management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1370. Agent Vendor**

<b>Name</b>	<code>agentVendor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.100.3
<b>Description</b>	Identifies the name of the management software manufacturer.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1371. Agent Version**

<b>Name</b>	<code>agentVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.100.4
<b>Description</b>	This entry is obsolete. Refer to <code>softwareVersion</code> .
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Global Data Group

The Global Data Management Information Base (MIB) Group defines the properties that identify status information about the system that the Storage Management software is managing and about the Storage Management SNMP agent.

**Table 1372. Agent System Global Status**

<b>Name</b>	<code>agentSystemGlobalStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.1
<b>Description</b>	This entry is obsolete. Use the value <code>agentGlobalSystemStatus</code> .
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1373. Agent Last Global Status**

<b>Name</b>	<code>agentLastGlobalStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.2
<b>Description</b>	This entry is obsolete. Use the value <code>agentLastGlobalSystemStatus</code> .

<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1374. Agent Time Stamp**

<b>Name</b>	agentTimeStamp
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.3
<b>Description</b>	Identifies the last time that the agent values have been updated. Universal time in seconds since UTC 1/1/70.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1375. Agent Get Timeout**

<b>Name</b>	agentGetTimeout
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.4
<b>Description</b>	Indicates the suggested timeout value in milliseconds for how long the SNMP getter should wait while attempting to poll the SNMP agent.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1376. Agent Modifiers**

<b>Name</b>	agentModifiers
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.5
<b>Description</b>	Identifies the agent functional modifiers. When set, the modifier is active. Bit definitions: Bit 3: agent in debug mode. All other bits are product specific.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1377. Agent Refresh Rate**

<b>Name</b>	agentRefreshRate
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.6
<b>Description</b>	Identifies the rate, given in seconds, at which the cached data for SNMP is refreshed. The default value is 300 seconds, or 5 minutes.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1378. Agent Hostname**

<b>Name</b>	agentHostname
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.7
<b>Description</b>	This entry is obsolete for Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1379. Agent IP Address**

<b>Name</b>	agentIPAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.8
<b>Description</b>	This entry is obsolete for Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1380. Agent Software Status**

<b>Name</b>	agentSoftwareStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.9
<b>Description</b>	This entry is obsolete for Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1381. Agent SNMP Version**

<b>Name</b>	agentSnmVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.10
<b>Description</b>	This entry is obsolete. Refer to 0001 softwareVersion.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only


**Table 1382. Agent MIB Version**

<b>Name</b>	agentMibVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.11
<b>Description</b>	Identifies the version of the Storage Management MIB.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1383. Agent Management Software URL Name**

<b>Name</b>	agentManagementSoftwareURLName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.12
<b>Description</b>	Identifies the Universal Resource Locator (URL) of the systems management software.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1384. Agent Global System Status**

<b>Name</b>	agentGlobalSystemStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.13
<b>Description</b>	<p>Global health information for the subsystem managed by the Storage Management software. This global status should be used by applications other than HP OpenView. HP OpenView should refer to the globalStatus in the root level object group. This is a rollup for the entire agent including any monitored devices. The status is intended to give initiative to an SNMP monitor to get further data when this status is abnormal. Possible values:</p> <ul style="list-style-type: none"><li>1: Other</li><li>2: Unknown</li><li>3: OK</li><li>4: Non-critical</li><li>5: Critical</li><li>6: Non-recoverable</li></ul> <p> <b>NOTE:</b> This global status should be used by applications other than HP OpenView. HP OpenView should refer to the globalStatus in the root level object group.</p>
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1385. Agent Last Global System Status**

<b>Name</b>	agentLastGlobalSystemStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.14
<b>Description</b>	<p>The previous global status of the system managed by the Storage Management software. Possible values:</p> <ul style="list-style-type: none"><li>1: Other</li><li>2: Unknown</li><li>3: OK</li><li>4: Non-critical</li><li>5: Critical</li><li>6: Non-recoverable</li></ul>
<b>Syntax</b>	DellStatus

**Access** Read-only

**Table 1386. Agent Smart Thermal Shutdown**

<b>Name</b>	agentSmartThermalShutdown
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.110.15
<b>Description</b>	Indicates the status of smart thermal shutdown for PowerVault 220S and PowerVault 221S enclosures. Possible values: 1: Enabled 2: Disabled 3: Not applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Physical Devices Group

The Physical Devices MIB group provides information about the devices managed by the Storage Management software and their relationships to each other. The following MIB tables define objects and relationships (connections) among the objects.

- **Controller Table** — describes available properties for each controller on the managed system.
- **Channel Table** — describes available properties for each channel on the managed system.
- **Enclosure Table** — describes available properties for each enclosure on the managed system.
- **Array Disk Table** — describes available properties for each physical array disk on the managed system.
- **Array Disk Enclosure Connection Table** — describes the connections between Fibre Channel array disks, their enclosure, and their associated controller. For each object in the table, its *object number* corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.
- **Array Disk Channel Connection Table** — describes the connections between SCSI array disks, their channel, and their associated controller. For each object in the table, its *object number* corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.
- **Fan Table** — describes available properties for each fan on the managed system.
- **Fan Connection Table** — describes the connection between each fan on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Power Supply Table** — describes available properties for each power supply on the managed system.
- **Power Supply Connection Table** — describes the connection between each power supply on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Temperature Probe Table** — describes available properties for each temperature probe on the managed system.
- **Temperature Probe Connection Table** — describes the connection between each temperature probe on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **EMM Table** — describes available properties for each Enclosure Management Module (EMM) on the managed system.
- **EMM Connection Table** — describes the connection between each EMM on the managed system and its enclosure. Each *enclosure number* in the table corresponds to that enclosure instance in the Enclosure Table.
- **Battery Table** — describes available properties for each controller battery on the managed system.

- **Battery Connection Table** — describes the connection between each battery on the managed system and its controller. Each *controller number* in the table corresponds to that controller instance in the Controller Table.

## Controller Table

This table describes available properties for each controller on the managed system.

The following object sets up the Controller Table.

**Table 1387. Controller Table**

<b>Name</b>	<code>controllerTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1
<b>Description</b>	Defines the controller table, which is a table of managed Redundant Array of Independent disks (RAID) controllers. The number of entries is related to the number of RAID controllers discovered in the system.
<b>Syntax</b>	SEQUENCE OF ControllerEntry
<b>Access</b>	Not accessible

**Table 1388. Controller Entry**

<b>Name</b>	<code>controllerEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1
<b>Description</b>	Defines the controller table entry, which is an entry in the table of RAID controllers. A row in this table cannot be created or deleted by SNMP operations on columns of the table.
<b>Syntax</b>	ControllerEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>controllerNumber</code>

**Table 1389. Controller Number**

<b>Name</b>	<code>controllerNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.1
<b>Description</b>	Identifies the instance number of the controller entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1390. Controller Name**

<b>Name</b>	<code>controllerName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.2
<b>Description</b>	Identifies the name of the controller in this subsystem as represented in Storage Management. Includes the controller type and instance. For example: PERC 3/QC 1.



<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1391. Controller Vendor**

<b>Name</b>	controllerVendor
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.3
<b>Description</b>	Identifies the controller's (re)seller's name.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1392. Controller Type**

<b>Name</b>	controllerType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.4
<b>Description</b>	Identifies the type of this controller: 1: SCSI 2: PowerVault 660F 3: Power Vault 662F 4: Integrated/Intelligent Drive Electronics (IDE) 5: Serial Advanced Technology Architecture (SATA) 6: Serial Attached SCSI (SAS) 9: PCIe SSD
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1393. Controller State**

<b>Name</b>	controllerState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.5
<b>Description</b>	Identifies the status of the controller's subsystem (which includes any devices connected to it). Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1394. Controller Severity**

<b>Name</b>	<code>controllerSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.6
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

<b>Name</b>	<code>controllerRebuildRateInPercent</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.7
<b>Description</b>	Identifies the percent of the compute cycles dedicated to rebuilding failed array disks.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1395. Controller Firmware Version**

<b>Name</b>	<code>controllerFWVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.8
<b>Description</b>	Identifies the controller's current firmware version.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1396. Controller Cache Size in Megabytes**

<b>Name</b>	<code>controllerCacheSizeInMB</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.9
<b>Description</b>	Identifies the controller's current amount of cache memory in megabytes. If this size is 0, it is less than a megabyte.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1397. Controller Cache Size in Bytes**

<b>Name</b>	<code>controllerCacheSizeInBytes</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.10
<b>Description</b>	Identifies the controller's current amount of cache memory that is less than a megabyte. This combined with the controllerCacheSizeInMB is the total amount of memory.
<b>Syntax</b>	Integer

**Access** Read-only

**Table 1398. Controller Physical Device Count**

**Name** controllerPhysicalDeviceCount  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.11  
**Description** Identifies the number of physical devices on the controller channel including both disks and the controller.  
**Syntax** Integer  
**Access** Read-only

**Table 1399. Controller Logical Device Count**

**Name** controllerLogicalDeviceCount  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.12  
**Description** Identifies the number of virtual disks on the controller.  
**Syntax** Integer  
**Access** Read-only

**Table 1400. Controller Partner Status**

**Name** controllerPartnerStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.13  
**Description** This entry is obsolete for Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1401. Controller Host Port Count**

**Name** controllerHostPortCount  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.14  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1402. Controller Memory Size in Megabytes**

**Name** controllerMemorySizeInMB  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.15  
**Description** Identifies the size of memory in megabytes on the controller. If this size is 0, it is less than a megabyte. This attribute is only supported on Adaptec controllers.  
**Syntax** Integer

**Access** Read-only

**Table 1403. Controller Memory Size in Bytes**

<b>Name</b>	<code>controllerMemorySizeInBytes</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.16
<b>Description</b>	Identifies the size of memory on the controller that is less than a megabyte. This combined with the <code>controllerMemorySizeInMB</code> is the total size of the memory. This attribute is only supported on Adaptec controllers.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1404. Controller Drive Channel Count**

<b>Name</b>	<code>controllerDriveChannelCount</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.17
<b>Description</b>	This entry is obsolete. Fibre channel is not supported in Storage Management.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1405. Controller Fault Tolerant**

<b>Name</b>	<code>controllerFaultTolerant</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.18
<b>Description</b>	This entry is obsolete. Fibre channel is not supported in Storage Management.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1406. Controller C0 Port 0 World Wide Name**

<b>Name</b>	<code>controllerC0Port0WorldWideName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.19
<b>Description</b>	This entry is obsolete. Fibre channel is not supported in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1407. Controller C0 Port 0 Name**

<b>Name</b>	<code>controllerC0Port0Name</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.20
<b>Description</b>	This entry is obsolete. Fibre channel is not supported in Storage Management.
<b>Syntax</b>	DisplayString

**Access** Read-only

**Table 1408. Controller C0 Port 0 ID**

**Name** controllerC0Port0ID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.21  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1409. Controller C0 Target**

**Name** controllerC0Target  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.22  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1410. Controller C0 Channel**

**Name** controllerC0Channel  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.23  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1411. Controller C0 Operating System Controller**

**Name** controllerC0OSController  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.24  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1412. Controller C0 Battery State**

**Name** controllerC0BatteryState  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.25  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer

**Access** Read-only

**Table 1413. Controller C1 Port 0 World Wide Name**

**Name** controllerC1Port0WWN  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.26  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1414. Controller C1 Port 0 Name**

**Name** controllerC1Port0Name  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.27  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1415. Controller C1 Port 0 ID**

**Name** controllerC1Port0ID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.28  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1416. Controller C1 Target**

**Name** controllerC1Target  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.29  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1417. Controller C1 Channel**

**Name** controllerC1Channel  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.30  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer

**Access** Read-only

**Table 1418. Controller C1 Operating System Controller**

**Name** controllerC1OSController  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.31  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1419. Controller Battery State C1**

**Name** controllerC1BatteryState  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.32  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1420. Controller Node World Wide Name**

**Name** controllerNodeWWN  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.33  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1421. Controller C0 Port 1 World Wide Name**

**Name** controllerC0Port1WWN  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.34  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1422. Controller C1 Port 1 World Wide Name**

**Name** controllerC1Port1WWN  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.35  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** DisplayString

**Access** Read-only

**Table 1423. Controller Battery Charge Count**

**Name** controllerBatteryChargeCount  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.36  
**Description** This entry is obsolete. Fibre channel is not supported in Storage Management.  
**Syntax** Integer  
**Access** Read-only

**Table 1424. Controller Roll-Up Status**

**Name** controllerRollUpStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.37  
**Description** Indicates severity of the controller state. This is the combined status of the controller and its components.  
Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable  
**Syntax** DellStatus  
**Access** Read-only

**Table 1425. Controller Component Status**

**Name** controllerComponentStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.38  
**Description** Indicates the status of the controller itself without the propagation of any contained component status.  
Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable  
**Syntax** DellStatus  
**Access** Read-only



**Table 1426. Controller Nexus ID**

<b>Name</b>	<code>controllerNexusID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.39
<b>Description</b>	Durable unique ID for this controller.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1427. Controller Alarm State**

<b>Name</b>	<code>controllerAlarmState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.40
<b>Description</b>	Indicates state, or setting for the controller's alarm. Possible values: 1: Enabled 2: Disabled 3: Not Applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1428. Controller Driver Version**

<b>Name</b>	<code>controllerDriverVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.41
<b>Description</b>	Indicates currently installed driver version of the controller
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1429. Controller PCI Slot**

<b>Name</b>	<code>controllerPCISlot</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.42
<b>Description</b>	Indicates the PCI slot number or embedded number for controllers on the motherboard
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1430. Controller Cluster Mode**

<b>Name</b>	<code>controllerClusterMode</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.43
<b>Description</b>	Identifies if the controller is in cluster mode.

Possible values:  
1: Enabled  
2: Disabled  
3: Active (enabled and active)  
99: Not Applicable

**Syntax** Integer  
**Access** Read-only

**Table 1431. Controller Minimum Firmware Version**

**Name** `controllerMinFWVersion`  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.44  
**Description** The minimum firmware version for Storage Management to support the controller.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1432. Controller Minimum Driver Version**

**Name** `controllerMinDriverVersion`  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.45  
**Description** The minimum driver version for Storage Management to support the controller.  
**Syntax** DisplayString  
**Access** Read-write

**Table 1433. Controller SCSI Initiator ID**

**Name** `controllerSCSIInitiatorID`  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.46  
**Description** The SCSI ID of the initiator.  
**Syntax** Integer  
**Access** Read-only

**Table 1434. Controller Channel Count**

**Name** `controllerChannelCount`  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.47  
**Description** The number of channels on the controller.  
**Syntax** Integer  
**Access** Read-only

**Table 1435. Controller Reconstruct Rate**

<b>Name</b>	<code>controllerReconstructRate</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.48
<b>Description</b>	The rate for reconstruct on the controller.
<b>Syntax</b>	Integer
<b>Access</b>	Read-write

**Table 1436. Controller Patrol Read Rate**

<b>Name</b>	<code>controllerPatrolReadRate</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.49
<b>Description</b>	The rate for patrol read on the controller.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1437. Controller BGI Rate**

<b>Name</b>	<code>controllerBGIRate</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.50
<b>Description</b>	The rate for background initialization on the controller.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1438. Controller Check Consistency Rate**

<b>Name</b>	<code>controllerCheckConsistencyRate</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.51
<b>Description</b>	The rate for check consistency on the controller.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1439. Controller Patrol Read Mode**

<b>Name</b>	<code>controllerPatrolReadMode</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.52
<b>Description</b>	Identifies the patrol read mode. Possible values: 1: Automatic (enabled) 2: Manual (enabled) 3: Disabled
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1440. Controller Patrol Read State**

<b>Name</b>	<code>controllerPatrolReadState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.53
<b>Description</b>	The state of the patrol read. Possible values: 1: Stopped - not running 2: Ready - ready to start 4: Active - is running 8: Aborted - has aborted
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1441. Controller Patrol Read Iterations**

<b>Name</b>	<code>controllerPatrolReadIterations</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.54
<b>Description</b>	The number of times Patrol Read has been run on this controller.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1442. Controller Storport Driver Version**

<b>Name</b>	<code>controllerStorportDriverVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.55
<b>Description</b>	Provides current Windows OS storport driver version. Not applicable for Linux.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1443. Controller Minimum Required Storport Version**

<b>Name</b>	<code>controllerMinimumRequiredStorportVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.56
<b>Description</b>	Provides minimum required storport driver version for Windows OS only.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1444. Controller Encryption Capable**

<b>Name</b>	<code>controllerEncryptionCapable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.57

**Description** Indicates encryption capability of the controller. Value: 1 - Capable, 99 - Not Applicable

**Syntax** Integer

**Access** Read-only

**Name** `controllerEncryptionKeyPresent`

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.58

**Description** Indicates presence of encryption key for the controller.  
Value: 1 - Yes, 0 - No, 99 - Not Applicable

**Syntax** Integer

**Access** Read-only

**Table 1445. Controller Persistent Hot Spare**

**Name** `controllerPersistentHotSpare`

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.59

**Description** Indicates Persistent Hot Spare capability of the controller.  
Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable

**Syntax** Integer

**Access** Read-only

**Table 1446. Controller Spin Down Unconfigured Drives**

**Name** `controllerSpinDownUnconfiguredDrives`

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.60

**Description** Indicates controller capability to put unconfigured drives in power save mode.  
Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable

**Syntax** Integer

**Access** Read-only

**Table 1447. Controller Spin Down Hot Spare Drives**

**Name** `controllerSpinDownHotSpareDrives`


**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.1.1.61

**Description** Indicates controller capability to put hot spare drives in power save mode. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined /Not applicable

**Syntax** Integer

**Access** Read-only

**Table 1448. Controller Spin Down Time Interval**

<b>Name</b>	<code>controllerSpinDownTimeInterval</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.62
<b>Description</b>	Shows the duration in minutes after which, the unconfigured or hot spare drives is spun down to power save mode. Value: 30 to 1440
	 <b>NOTE:</b> A value of 9999 indicates that the feature is not available.
<b>Syntax</b>	Integer
<b>Access</b>	Read-write

**Table 1449. Controller Encryption Mode**

<b>Name</b>	<code>controllerEncryptionMode</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.63
<b>Description</b>	Indicates the current encryption mode of the controller. Value: 0 - No Encryption, 1 - Local Key Management (LKM), 2 - Dell Key Management (DKM), 99 - Not Applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1450. Controller CacheCade**

<b>Name</b>	<code>controllerCacheCade</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.64
<b>Description</b>	Indicates if the controller is CacheCade capable or not. Value: 1 - Capable, 0 - Not Capable, 99 - Undetermined
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1451. Controller Spin Down Configured Drives**

<b>Name</b>	<code>controllerSpinDownConfiguredDrives</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.65
<b>Description</b>	Indicates controller capability to spin down configured physical disks. Value: 0 - Disabled, 1 - Enabled, 99 - Undetermined
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1452. Controller Automatic Power Saving**

<b>Name</b>	<code>controllerAutomaticPowerSaving</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.66

<b>Description</b>	Indicates controller capability for automatic power saving. Value: 0 - Disabled, 1 - Enabled, 99 - Undetermined
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1453. Controller Configured Drives SpinUp Time**

<b>Name</b>	<code>controllerConfiguredDrivesSpinUpTime</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.67
<b>Description</b>	Indicates configured drives spin up start time. Value: 1:00 AM to 12:59 PM, 9999 - Undetermined
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1454. Controller Configured Drives SpinUp TimeInterval**

<b>Name</b>	<code>controllerConfiguredDrivesSpinUpTimeInterval</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.68
<b>Description</b>	Indicates configured drives spin up time interval in hours. This value is added with configured drives start time to arrive at time window in which configured drives are always spin up. Value: 1 .. 24, 9999 - Undetermined
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1455. Controller Preserved Cache**

<b>Name</b>	<code>controllerPreservedCache</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.1.1.69
<b>Description</b>	Indicates if preserved cache is present on the controller. Values: 1- Yes 0 - No 99 - Not available / Not applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Channel Table

This table describes available properties for each channel on the managed system. The following object sets up the Channel Table.

**Table 1456. Channel Table**

<b>Name</b>	channelTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2
<b>Description</b>	Defines the channel table.
<b>Syntax</b>	SEQUENCE OF ChannelEntry
<b>Access</b>	Not accessible

**Table 1457. Channel Entry**

<b>Name</b>	channelEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1
<b>Description</b>	Defines the channel table entry.
<b>Syntax</b>	ChannelEntry
<b>Access</b>	Not accessible
<b>Index</b>	channelNumber

**Table 1458. Channel Number**

<b>Name</b>	channelNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.1
<b>Description</b>	Identifies the instance number of the channel entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1459. Channel Name**

<b>Name</b>	channelName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.2
<b>Description</b>	Identifies the name of the channel as represented in Storage Management. The name includes the word channel and the instance. For example: Channel 1.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1460. Channel State**

<b>Name</b>	channelState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.3
<b>Description</b>	Identifies the current state of this channel. Possible states: 0: Unknown 1: Ready - The I/O has resumed.



- 2: Failed
- 3: Online
- 4: Offline - The I/O has paused.
- 6: Degraded

<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1461. Channel Severity**

<b>Name</b>	<code>channelSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.4
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1462. Channel Termination**

<b>Name</b>	<code>channelTermination</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.5
<b>Description</b>	Identifies the type of SCSI termination on this channel. Termination is required for proper operation of this channel. Possible values: 1: Wide Termination (16 bit) 2: Narrow Termination (8 bit) 3: Not Terminated
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1463. Channel SCSI ID**

<b>Name</b>	<code>channelSCSIID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.6
<b>Description</b>	Identifies the SCSI ID of the controller to which the channel belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1464. Channel Roll-Up Status**

<b>Name</b>	<code>channelRollUpStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.7
<b>Description</b>	Identifies the severity of the channel state. This is the combined status of the channel and its components.

Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable

**Syntax** DellStatus  
**Access** Read-only

**Table 1465. Channel Component Status**

**Name** channelComponentStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.2.1.8  
**Description** The status of the channel itself without the propagation of any contained component status.  
Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable  
**Syntax** DellStatus  
**Access** Read-only

**Table 1466. Channel Nexus ID**

**Name** channelNexusID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.2.1.9  
**Description** Durable unique ID for this channel.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1467. Channel Data Rate**

**Name** channelDataRate  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.2.1.10  
**Description** Identifies the data rate of this channel.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1468. Channel Bus Type**

<b>Name</b>	channelBusType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.2.1.11
<b>Description</b>	The bus type of the channel. Possible values: 1: SCSI 2: IDE 3: Fibre Channel 4: Serial Storage Architecture (SSA) 6: Universal Serial Bus (USB) 7: SATA 8: SAS 9: PCIe
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Enclosure Table

This table describes available properties for each enclosure on the managed system.

The following object sets up the Enclosure Table.

**Table 1469. Enclosure Table**

<b>Name</b>	enclosureTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3
<b>Description</b>	Defines the enclosure table.
<b>Syntax</b>	SEQUENCE OF EnclosureEntry
<b>Access</b>	Not accessible

**Table 1470. Enclosure Entry**

<b>Name</b>	enclosureEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1
<b>Description</b>	Defines the enclosure table entry.
<b>Syntax</b>	EnclosureEntry
<b>Access</b>	Not accessible
<b>Index</b>	enclosureNumber

**Table 1471. Enclosure Number**

<b>Name</b>	enclosureNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.1

<b>Description</b>	Identifies the instance number of the enclosure entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1472. Enclosure Name**

<b>Name</b>	<code>enclosureName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.2
<b>Description</b>	Identifies the enclosure's name as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1473. Enclosure Vendor**

<b>Name</b>	<code>enclosureVendor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.3
<b>Description</b>	Identifies the enclosure's (re)seller's name.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1474. Enclosure State**

<b>Name</b>	<code>enclosureState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.4
<b>Description</b>	The current condition of the enclosure (which includes any devices connected to it.) Possible values: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1475. Enclosure Severity**

<b>Name</b>	<code>enclosureSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.5
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.

<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1476. Enclosure ID**

<b>Name</b>	enclosureID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.6
<b>Description</b>	Represents unique id for an enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1477. Enclosure Processor Version**

<b>Name</b>	enclosureProcessorVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.7
<b>Description</b>	This entry is obsolete for Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1478. Enclosure Service Tag**

<b>Name</b>	enclosureServiceTag
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.8
<b>Description</b>	The enclosure identification used when consulting customer support.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1479. Enclosure Asset Tag**

<b>Name</b>	enclosureAssetTag
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.9
<b>Description</b>	Customer definable asset tag for the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1480. Enclosure Asset Name**

<b>Name</b>	enclosureAssetName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.10
<b>Description</b>	Customer definable asset name of the enclosure.
<b>Syntax</b>	DisplayString

**Access** Read-only

**Table 1481. Enclosure Split Bus Part Number**

**Name** enclosureSplitBusPartNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.11  
**Description** Identifies the enclosure's split bus part number.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1482. Enclosure Product ID**

**Name** enclosureProductID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.12  
**Description** Identifies the enclosure's product identification. This also corresponds to the enclosure type.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1483. Enclosure Kernel Version**

**Name** enclosureKernelVersion  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.13  
**Description** This entry is obsolete for Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1484. Enclosure ESM1 Part Number**

**Name** enclosureESM1PartNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.14  
**Description** This entry is obsolete for Storage Management.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1485. Enclosure ESM2 Part Number**

**Name** enclosureESM2PartNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.15  
**Description** This entry is obsolete for Storage Management.  
**Syntax** DisplayString

**Access** Read-only

**Table 1486. Enclosure Type**

<b>Name</b>	enclosureType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.16
<b>Description</b>	Indicates the type of the enclosure. Possible values: 1: Internal 2: Dell PowerVault 200S (PowerVault 201S) 3: Dell PowerVault 210S (PowerVault 211S) 4: Dell PowerVault 220S (PowerVault 221S) 5: Dell PowerVault 660F 6: Dell PowerVault 224F 7: Dell PowerVault 660F/PowerVault 224F 8: Dell MD1000 9: Dell MD1120
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1487. Enclosure Processor2 Version**

<b>Name</b>	enclosureProcessor2Version
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.17
<b>Description</b>	This entry is obsolete for Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1488. Enclosure Configuration**

<b>Name</b>	enclosureConfig
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.18
<b>Description</b>	Identifies the current configuration of the enclosure's backplane. Possible values: 1: Joined 2: Split Bus 3: Clustered 4: Unified
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1489. Enclosure Channel Number**

<b>Name</b>	enclosureChannelNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.19
<b>Description</b>	Identifies the channel number, or bus, to which the enclosure is connected.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1490. Enclosure Alarm**

<b>Name</b>	enclosureAlarm
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.20
<b>Description</b>	Identifies the current status of the enclosure's alarm (PowerVault 220S and PowerVault 221S only.) Possible values: 1: Disabled 2: Enabled
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1491. Enclosure Backplane Part Number**

<b>Name</b>	enclosureBackplanePartNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.21
<b>Description</b>	Identifies the part number of the enclosure's backplane.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1492. Enclosure SCSI ID**

<b>Name</b>	enclosureSCSIID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.22
<b>Description</b>	Identifies the SCSI ID of the controller to which this enclosure is attached.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1493. Enclosure Roll-Up Status**

<b>Name</b>	enclosureRollUpStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.23
<b>Description</b>	Identifies the severity of the enclosure state. This is the combined status of the enclosure and its components.



Possible values:  
 1: Other  
 2: Unknown  
 3: OK  
 4: Non-critical  
 5: Critical  
 6: Non-recoverable

**Syntax** DellStatus  
**Access** Read-only

**Table 1494. Enclosure Component Status**

**Name** enclosureComponentStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.24  
**Description** The status of the enclosure itself without the propagation of any contained component status.  
 Possible values:  
 1: Other  
 2: Unknown  
 3: OK  
 4: Non-critical  
 5: Critical  
 6: Non-recoverable  
**Syntax** DellStatus  
**Access** Read-only

**Table 1495. Enclosure Nexus ID**

**Name** enclosureNexusID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.25  
**Description** Durable unique ID for this enclosure.  
**Syntax** Integer  
**Access** Read-only

**Table 1496. Enclosure FirmWare Version**

**Name** enclosureFirmwareVersion  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.3.1.26  
**Description** The firmware version of the enclosure.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1497. Enclosure SCSI Rate**

<b>Name</b>	<code>enclosureSCSIrate</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.27
<b>Description</b>	Actual SCSI rate in the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1498. Enclosure Part Number**

<b>Name</b>	<code>enclosurePartNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.28
<b>Description</b>	The part number of the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only


**Table 1499. Enclosure Serial Number**

<b>Name</b>	<code>enclosureSerialNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.29
<b>Description</b>	Serial number of the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only


**Table 1500. Enclosure SAS Address**

<b>Name</b>	<code>enclosureSASAddress</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.30
<b>Description</b>	The specified SAS address if this is a SAS enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only


**Table 1501. Enclosure Occupied Slot Count**

<b>Name</b>	<code>enclosureOccupiedSlotCount</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.31
<b>Description</b>	Shows the number of physical disk slots occupied in a storage enclosure.
	 <b>NOTE:</b> A value of 9999 indicates that the feature is not available.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1502. Enclosure Total Slots**

<b>Name</b>	<code>enclosureTotalSlots</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.32
<b>Description</b>	Shows the total number of physical slots in a storage enclosure; it includes total count of occupied and empty slots.  <b>NOTE:</b> A value of 9999 indicates that the feature is not available.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1503. Enclosure Empty Slot Count**

<b>Name</b>	<code>enclosureEmptySlotCount</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.3.1.33
<b>Description</b>	Shows the number of empty physical disk slots in a storage enclosure.  <b>NOTE:</b> A value of 9999 indicates that the feature is not available
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Array Disk Table

This table describes available properties for each physical array disk on the managed system.

The following object sets up the Array Disk Table.

**Table 1504. Array Disk Table**

<b>Name</b>	<code>arrayDiskTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4
<b>Description</b>	Defines the array disk table.
<b>Syntax</b>	SEQUENCE OF ArrayDiskEntry
<b>Access</b>	Not accessible

**Table 1505. Array Disk Entry**

<b>Name</b>	<code>arrayDiskEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1
<b>Description</b>	Defines the array disk table entry.
<b>Syntax</b>	ArrayDiskEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>arrayDiskNumber</code>

**Table 1506. Array Disk Number**

<b>Name</b>	arrayDiskNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.1
<b>Description</b>	Identifies the instance number of the array disk entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1507. Array Disk Name**

<b>Name</b>	arrayDiskName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.2
<b>Description</b>	Identifies the name of the array disk as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1508. Array Disk Vendor**

<b>Name</b>	arrayDiskVendor
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.3
<b>Description</b>	The array disk's manufacturer's name.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1509. Array Disk State**

<b>Name</b>	arrayDiskState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.4
<b>Description</b>	<p>Identifies the current state of the array disk.</p> <p>Possible states:</p> <p>0: Unknown</p> <p>1: Ready - Available for use, but no RAID configuration has been assigned.</p> <p>2: Failed - Not operational.</p> <p>3: Online - Operational. RAID configuration has been assigned.</p> <p>4: Offline - The drive is not available to the RAID controller.</p> <p>6: Degraded - Refers to a fault-tolerant array/virtual disk that has a failed disk.</p> <p>7: Recovering - Refers to state of recovering from bad blocks on disks.</p> <p>11: Removed - Indicates that array disk has been removed.</p> <p>13: Non-RAID - Indicates that array disk is not a RAID capable disk.</p> <p>14: Not Ready - Applicable for PCIeSSD devices indicating that the device is in locked state.</p> <p>15: Resynching - Indicates one of the following types of disk operations: Transform Type, Reconfiguration, and Check Consistency.</p> <p>22: Replacing - Indicates copyback operation is in progress.</p>

- 24: Rebuild
- 25: No Media - CD-ROM or removable disk has no media.
- 26: Formatting - In the process of formatting.
- 28: Diagnostics - Diagnostics are running.
- 34: Predictive Failure
- 35: Initializing: Applies only to virtual disks on PERC, PERC 2/SC, and PERC 2/DC controllers.
- 39: Foreign
- 40: Clear
- 41: Unsupported
- 53: Incompatible
- 56: Read Only - Applicable for PCIeSSD devices. Indicates that device has reached read-only state.

**Syntax** Integer

**Access** Read-only

**Table 1510. Array Disk Severity**

**Name** arrayDiskSeverity

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.5

**Description** This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.

**Syntax** Integer

**Access** Read-only

**Table 1511. Array Disk Product ID**

**Name** arrayDiskProductID

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.6

**Description** Identifies the model number of the array disk.

**Syntax** DisplayString

**Access** Read-only

**Table 1512. Array Disk Serial Number**

**Name** arrayDiskSerialNo

**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.7

**Description** Identifies the array disk's unique identification number from the manufacturer.

**Syntax** DisplayString

**Access** Read-only

**Table 1513. Array Disk Revision**

<b>Name</b>	arrayDiskRevision
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.8
<b>Description</b>	Identifies the firmware version of the array disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1514. Array Disk Enclosure ID**

<b>Name</b>	arrayDiskEnclosureID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.9
<b>Description</b>	Identifies the SCSI ID of the enclosure processor to which this array disk belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1515. Array Disk Channel**

<b>Name</b>	arrayDiskChannel
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.10 y
<b>Description</b>	Identifies the bus to which this array disk is connected.
<b>Syntax</b>	Integer Read-onl
<b>Access</b>	

**Table 1516. Array Disk Length in Megabytes**

<b>Name</b>	arrayDiskLengthInMB
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.11
<b>Description</b>	Identifies the size in megabytes of the array disk. If this size is 0, it is smaller than a megabyte.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1517. Array Disk Length in Bytes**

<b>Name</b>	arrayDiskLengthInBytes
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.12
<b>Description</b>	Identifies the size of the array disk in bytes that is less than a megabyte. This size plus the arrayDiskLengthInMB is the total size of the array disk.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1518. Array Disk Largest Contiguous Free Space in Megabytes**

<b>Name</b>	arrayDiskLargestContiguousFreeSpaceInMB
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.13
<b>Description</b>	The size in megabytes of the largest contiguous free space on the array disk. If this size is 0, it is less than a megabyte.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1519. Array Disk Largest Contiguous Free Space in Bytes**

<b>Name</b>	arrayDiskLargestContiguousFreeSpaceInBytes
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.14
<b>Description</b>	The size of the largest contiguous free space on this array disk in bytes that is less than a megabyte. This size plus the arrayDiskLargestContiguousFreeSpaceInMB is the total size of the largest contiguous free space on the array disk.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1520. Array Disk Target ID**

<b>Name</b>	arrayDiskTargetID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.15
<b>Description</b>	Identifies the SCSI target ID which this array disk is assigned.
<b>Syntax</b>	Integer
<b>Access</b>	Access Read-only

**Table 1521. Array Disk LUN ID**

<b>Name</b>	arrayDiskLunID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.16
<b>Description</b>	Identifies the array disk's logical unit number.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1522. Array Disk Used Space in Megabytes**

<b>Name</b>	arrayDiskUsedSpaceInMB
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.17
<b>Description</b>	Identifies the amount in megabytes of the used space on the array disk. If this size is 0, it is smaller than a megabyte.
<b>Syntax</b>	Integer

**Access** Read-only

**Table 1523. Array Disk Used Space in Bytes**

<b>Name</b>	arrayDiskUsedSpaceInBytes
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.18
<b>Description</b>	Identifies the size in bytes of the used space on the array disk that is smaller than a megabyte. This size plus the arrayDiskUsedSpaceInMB is the total amount of used space on the array disk.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1524. Array Disk Free Space in Megabytes**

<b>Name</b>	arrayDiskFreeSpaceInMB
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.19
<b>Description</b>	Identifies the amount in megabytes of the free space on the array disk. If this size is 0, it is smaller than a megabyte.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1525. Array Disk Free Space in Bytes**

<b>Name</b>	arrayDiskFreeSpaceInBytes
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.20
<b>Description</b>	Identifies the size in bytes of the free space on the array disk that is smaller than a megabyte. This size plus the arrayDiskFreeSpaceInMB is the total amount of free space on the array disk.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1526. Array Disk Bus Type**

<b>Name</b>	arrayDiskBusType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.21
<b>Description</b>	Identifies the bus type of the array disk. Possible values: 1: SCSI 2: IDE 3: Fibre Channel 4: SSA 6: USB 7: SATA



	8: SAS
	9: PCIe
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1527. Array Disk Spare State**

<b>Name</b>	arrayDiskSpareState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.22
<b>Description</b>	Identifies the status of the array disk as a spare. Possible states: 1: Disk is a member of a virtual disk 2: Disk is a member of a disk group 3: Disk is a global hot spare 4: Disk is a dedicated hot spare 5: Not a spare 99: Not applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1528. Array Disk Roll-Up Status**

<b>Name</b>	arrayDiskRollUpStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.23
<b>Description</b>	Severity of the array disk state. This is the combined status of the array disk and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1529. Array Disk Component Status**

<b>Name</b>	arrayDiskComponentStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.24
<b>Description</b>	The status of the array disk itself without the propagation of any contained component status. Possible values: 1: Other

- 2: Unknown
- 3: OK
- 4: Non-critical
- 5: Critical
- 6: Non-recoverable

<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1530. Array Disk Device Name**

<b>Name</b>	arrayDiskDeviceName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.25
<b>Description</b>	Identifies the operating system device name for this disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1531. Array Disk Nexus ID**

<b>Name</b>	arrayDiskNexusID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.26
<b>Description</b>	Indicates the durable unique ID for this array disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1532. Array Disk Part Number**

<b>Name</b>	arrayDiskPartNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.27
<b>Description</b>	Indicates the part number of the disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1533. Array Disk SAS Address**

<b>Name</b>	arrayDiskSASAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.28
<b>Description</b>	Indicates the specified SAS address if this is a SAS disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1534. Array Disk Negotiated Speed**

<b>Name</b>	arrayDiskNegotiatedSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.29
<b>Description</b>	Indicates the speed at which the drive is actually running in MPS (megabytes per second).
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1535. Array Disk Capable Speed**

<b>Name</b>	arrayDiskCapableSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.30
<b>Description</b>	Indicates the maximum speed at which the drive is capable of negotiating in MPS (megabytes per second).
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1536. Array Disk Smart Alert Indication**

<b>Name</b>	arrayDiskSmartAlertIndication
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.31
<b>Description</b>	Indicates whether the disk has received a predictive failure. Possible values: 1: No - disk has not received a predictive failure alert 2: Yes - disk has received a predictive failure alert
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1537. Array Disk Manufacture Day**

<b>Name</b>	arrayDiskManufactureDay
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.32
<b>Description</b>	Indicates the day of the week (1=Sunday through 7=Saturday) on which this disk was manufactured.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1538. Array Disk Manufacture Week**

<b>Name</b>	arrayDiskManufactureWeek
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.33

<b>Description</b>	Indicates the week (1 through 53) in which this disk was manufactured.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1539. Array Disk Manufacture Year**

<b>Name</b>	arrayDiskManufactureYear
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.34
<b>Description</b>	Indicates the four digit year in which this disk was manufactured.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1540. Array Disk Media Type**

<b>Name</b>	arrayDiskMediaType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.35
<b>Description</b>	The Media type of the array disk. Possible Values: 1:unknown 2:hdd 3:ssd
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1541. Array Disk Dell Certified**

<b>Name</b>	arrayDiskDellCertified
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.36
<b>Description</b>	Indicates if array disk is certified by Dell. Value: 1 - Certified, 0 - Not Certified, 99 - Unknown
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1542. Array Disk Alta Vendor Id**

<b>Name</b>	arrayDiskAltaVendorId
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.37
<b>Description</b>	Provides vendor information for Alta interposer.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1543. Array Disk Alta Product Id**

<b>Name</b>	arrayDiskAltaProductId
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.38
<b>Description</b>	Provides product ID for Alta interposer.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1544. Array Disk Alta Revision Id**

<b>Name</b>	arrayDiskAltaRevisionId
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.39
<b>Description</b>	Provides revision ID for Alta interposer.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1545. Array Disk Encryption Capable**

<b>Name</b>	arrayDiskEncryptionCapable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.40
<b>Description</b>	Indicates if physical disk is encryption capable. Value: 1 - Capable, 0 - Not Capable, 99 - Not Applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1546. Array Disk Encrypted**

<b>Name</b>	arrayDiskEncrypted
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.41
<b>Description</b>	Indicates if the physical disk has encryption enabled. Value: 1 - Yes, 0 - No, 99 - Not Applicable
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1547. Array Disk Power State**

<b>Name</b>	arrayDiskPowerState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.42
<b>Description</b>	Indicates power state of a physical drive. Value: 0 - Spun up, 1- Spun down, 255 - Transition, 99 - Not Applicable
<b>Syntax</b>	Integer

**Access** Read-only

**Table 1548. Array Disk Drive Write Cache**

**Name** arrayDiskDriveWriteCache  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.43  
**Description** Indicates drive write cache capability for PCIe SSD devices. Value: 1 - Enabled, 0 - Disabled, 99 - Undetermined/NotApplicable  
**Syntax** Integer  
**Access** Read-only

**Table 1549. Array Disk Model Number**

**Name** arrayDiskModelNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.44  
**Description** Provides PCIe SSD device model number.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1550. Array Disk Life Remaining**

**Name** arrayDiskLifeRemaining  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.45  
**Description** Provides PCIe SSD device life remaining in percentage. Value: 0..100, 999 - Undetermined/Not Applicable  
**Syntax** INTEGER (0..100)  
**Access** Read-only

**Table 1551. Array Disk Driver Version**

**Name** arrayDiskDriverVersion  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.46  
**Description** Provides PCIe SSD device driver version.  
**Syntax** INTEGER  
**Access** Read-only

**Table 1552. Array Disk Device Life Status**

**Name** arrayDiskDeviceLifeStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.4.1.47  
**Description** Provides PCIe SSD device life status.  
Possible Values:

- 1: Not Available / Not Applicable
- 1: Drive Health Good
- 2: Approaching Warranty Coverage Expiry
- 3: Warranty Coverage Expired
- 4: Approaching Read Only
- 5: Read Only

<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1553. Array Disk Read Only**


<b>Name</b>	arrayDiskReadOnly
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.48
<b>Description</b>	Provides the read only attribute for PCIe SSD. Possible Values: Yes, No, Not Applicable
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1554. Array Disk Remaining Rated Write Endurance**

<b>Name</b>	arrayDiskRemainingRatedWriteEndurance
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.4.1.49
<b>Description</b>	Provides the remaining rated write endurance for PCIe SSD device. Possible Values: 0-100% : Not Available / Not Applicable
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Array Disk Enclosure Connection Table

This table describes the connections among array disks, their enclosure, and their associated controller. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

 **NOTE:** Only array disks that are part of an enclosure are listed in this table. Backplanes are considered enclosures by Storage Management.

The following object sets up the Array Disk Enclosure Connection Table.

**Table 1555. Array Disk Enclosure Connection Table**

<b>Name</b>	arrayDiskEnclosureConnectionTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5
<b>Description</b>	Defines the array disk enclosure connection table.

<b>Syntax</b>	SEQUENCE OF ArrayDiskEnclosureConnectionEntry
<b>Access</b>	Not accessible

**Table 1556. Array Disk Enclosure Connection Entry**

<b>Name</b>	arrayDiskEnclosureConnectionEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1
<b>Description</b>	Defines the array disk enclosure connection table entry.
<b>Syntax x</b>	Syntax ArrayDiskEnclosureConnectionEntry
<b>Access</b>	Not accessible
<b>Index x</b>	Index arrayDiskEnclosureConnectionNumber

**Table 1557. Array Disk Enclosure Connection Number**

<b>Name</b>	arrayDiskEnclosureConnectionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.1
<b>Description</b>	Identifies the instance number of the array disk enclosure connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1558. Array Disk Enclosure Connection Array Disk Name**

<b>Name</b>	arrayDiskEnclosureConnectionArrayDiskName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.2
<b>Description</b>	Identifies the name of the array disk in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1559. Array Disk Enclosure Connection Array Disk Number**

<b>Name</b>	arrayDiskEnclosureConnectionArrayDiskNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.3
<b>Description</b>	Identifies the instance number of the array disk in the arrayDiskTable in this connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1560. Array Disk Enclosure Connection Enclosure Name**

<b>Name</b>	arrayDiskEnclosureConnectionEnclosureName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.4



<b>Description</b>	Identifies the name of the enclosure as represented in Storage Management to which this array disk belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1561. Array Disk Enclosure Connection Enclosure Number**

<b>Name</b>	<code>arrayDiskEnclosureConnectionEnclosureNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.5
<b>Description</b>	Identifies the instance number in the enclosureTable of the enclosure to which this array disk belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1562. Array Disk Enclosure Connection Controller Name**

<b>Name</b>	<code>arrayDiskEnclosureConnectionControllerName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.6
<b>Description</b>	Identifies the name of the controller as represented in Storage Management to which this array disk is connected.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1563. Array Disk Enclosure Connection Controller Number**

<b>Name</b>	<code>arrayDiskEnclosureConnectionControllerNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.5.1.7
<b>Description</b>	Identifies the instance number in the controllerTable of the controller to which this array disk is connected.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Array Disk Channel Connection Table

This table describes the connections between array disks, their channel, and their associated controller. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.



**NOTE:** Only array disks that are NOT part of an enclosure are listed in this table. Backplanes are considered enclosures by Storage Management.

The following object sets up the Array Disk Channel Connection Table.

**Table 1564. Array Disk Channel Connection Table**

<b>Name</b>	<code>arrayDiskChannelConnectionTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6
<b>Description</b>	Defines the array disk channel connection table.
<b>Syntax</b>	SEQUENCE OF ArrayDiskChannelConnectionEntry
<b>Access</b>	Not accessible

**Table 1565. Array Disk Channel Connection Entry**

<b>Name</b>	<code>arrayDiskChannelConnectionEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6.1
<b>Description</b>	Defines the array disk channel connection table entry.
<b>Syntax</b>	ArrayDiskChannelConnectionEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>arrayDiskEnclosureConnectionNumber</code>

**Table 1566. Array Disk Channel Connection Number**

<b>Name</b>	<code>arrayDiskChannelConnectionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6.1.1
<b>Description</b>	Identifies the instance number of the array disk channel connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1567. Array Disk Channel Connection Array Disk Name**

<b>Name</b>	<code>arrayDiskChannelConnectionArrayDiskName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6.1.2
<b>Description</b>	Identifies the name of the array disk in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1568. Array Disk Channel Connection Array Disk Number**

<b>Name</b>	<code>arrayDiskChannelConnectionArrayDiskNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6.1.3
<b>Description</b>	Identifies the instance number of the array disk in the arrayDiskTable in this connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1569. Array Disk Channel Connection Channel Name**

<b>Name</b>	<code>arrayDiskChannelConnectionChannelName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.6.1.4
<b>Description</b>	Identifies the name of the channel as represented in Storage Management to which is array disk is connected.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1570. Array Disk Channel Connection Channel Number**

## Fan Table

This table describes available properties for each fan on the managed system.

The following object sets up the Fan Table.

**Table 1573. Fan Table**

<b>Name</b>	<code>fanTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7
<b>Description</b>	Defines the fan table.
<b>Syntax</b>	SEQUENCE OF FanEntry
<b>Access</b>	Not accessible

**Table 1574. Fan Entry**

<b>Name</b>	<code>fanEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1
<b>Description</b>	Defines the fan table entry.
<b>Syntax</b>	FanEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>fanNumber</code>

**Table 1575. Fan Number**

<b>Name</b>	<code>fanNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.1
<b>Description</b>	Identifies the instance number of the fan entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1576. Fan Name**

<b>Name</b>	<code>Fan Name</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.2
<b>Description</b>	Identifies the fan's name as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1577. Fan Vendor**

<b>Name</b>	<code>fanVendor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.3

<b>Description</b>	Identifies the fan's (re)seller's name.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1578. Fan State**

<b>Name</b>	<code>fanState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.4
<b>Description</b>	Identifies the current state of the fan. Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 6: Degraded 21: Missing
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1579. Fan Severity**

<b>Name</b>	<code>fanSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.5
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1580. Fan Probe Unit**

<b>Name</b>	<code>fanProbeUnit</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.6
<b>Description</b>	This entry is obsolete for Storage Services.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1581. Fan Probe Minimum Warning**

<b>Name</b>	<code>fanProbeMinimumWarning</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.7

<b>Description</b>	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1582. Fan Probe Minimum Critical**

<b>Name</b>	<code>fanProbeMinimumCritical</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.8
<b>Description</b>	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1583. Fan Probe Maximum Warning**

<b>Name</b>	<code>fanProbeMaximumWarning</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.9
<b>Description</b>	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1584. Fan Probe Maximum Critical**

<b>Name</b>	<code>fanProbeMaximumCritical</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.10
<b>Description</b>	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1585. Fan Probe Current Value**

<b>Name</b>	<code>fanProbeCurrValue</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.11
<b>Description</b>	Identifies the current speed of the fan.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1586. Fan1 Part Number**

<b>Name</b>	<code>fan1PartNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.12
<b>Description</b>	Identifies the part number of the fan in the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1587. Fan 2 Part Number**

<b>Name</b>	<code>fan2PartNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.13
<b>Description</b>	This entry is obsolete. This setting is not supported by fans managed under Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1588. Fan Roll-Up Status**

<b>Name</b>	<code>fanRollUpStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.14
<b>Description</b>	Severity of the fan state. This is the combined status of the fan and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1589. Fan Component Status**

<b>Name</b>	<code>fanComponentStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.15
<b>Description</b>	The status of the fan itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK

	4: Non-critical
	5: Critical
	6: Non-recoverable
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1590. Fan Nexus ID**

<b>Name</b>	fanNexusID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.16
<b>Description</b>	Durable unique ID for this fan.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1591. Fan Revision**

<b>Name</b>	fanRevision
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.7.1.17
<b>Description</b>	Indicates the revision number of the fan in the enclosure.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Fan Connection Table

This table describes the connection between each fan on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Fan Connection Table.

**Table 1592. Fan Connection Table**

<b>Name</b>	fanConnectionTable
<b>Object ID</b>	fanConnectionTable
<b>Description</b>	Defines the fan connection table.
<b>Syntax</b>	SEQUENCE OF FanConnectionEntry
<b>Access</b>	Not accessible

**Table 1593. Fan Connection Entry**

<b>Name</b>	fanConnectionEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1
<b>Description</b>	Defines the fan connection table entry.
<b>Syntax</b>	FanConnectionEntry

<b>Access</b>	Not accessible
<b>Index</b>	<code>fanConnectionNumber</code>

**Table 1594. Fan Connection Number**

<b>Name</b>	<code>fanConnectionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1.1
<b>Description</b>	Identifies the instance number of the fan connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1595. Fan Connection Fan Name**

<b>Name</b>	<code>fanConnectionFanName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1.2
<b>Description</b>	Identifies the name of the fan in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1596. Fan Connection Fan Number**

<b>Name</b>	<code>fanConnectionFanNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1.3
<b>Description</b>	Identifies the instance number of the fan in the fanTable in the connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1597. Fan Connection Enclosure Name**

<b>Name</b>	<code>fanConnectionEnclosureName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1.4
<b>Description</b>	Identifies the name of the enclosure as represented in Storage Management to which this fan belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1598. Fan Connection Enclosure Number**

<b>Name</b>	<code>fanConnectionEnclosureNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.8.1.5



<b>Description</b>	Identifies the instance number of the enclosure in the enclosureTable to which this fan belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Power Supply Table

**Table 1599. Power Supply Table**

<b>Name</b>	powerSupplyTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12
<b>Description</b>	Defines the Power Supply Table.
<b>Syntax</b>	PowerSupplyTableEntry
<b>Access</b>	Not accessible

**Table 1600. Power Supply Table Entry**

<b>Name</b>	powerSupplyTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1
<b>Description</b>	Defines the Power Supply Table entry.
<b>Syntax</b>	PowerSupplyTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	powerSupplychassisIndex, powerSupplyIndex

**Table 1601. Power Supply Chassis Index**

<b>Name</b>	powerSupplychassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1602. Power Supply Index**

<b>Name</b>	powerSupplyIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.2
<b>Description</b>	Defines the index of power supply.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1603. Power Supply State Capabilities Unique**

<b>Name</b>	powerSupplyStateCapabilitiesUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.3

<b>Description</b>	Defines the capabilities of the power supply.
<b>Syntax</b>	DellPowerSupplyStateCapabilitiesUnique ( <a href="#">Power Supply State Capabilities Unique</a> )
<b>Access</b>	Read-only

**Table 1604. Power Supply State Settings Unique**

<b>Name</b>	powerSupplyStateSettingsUnique
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.4
<b>Description</b>	Defines the state and settings of the power supply.
<b>Syntax</b>	DellPowerSupplyStateSettingsUnique ( <a href="#">Power Supply State Settings Unique</a> )
<b>Access</b>	Read-write

**Table 1605. Power Supply Status**

<b>Name</b>	powerSupplyStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.5
<b>Description</b>	Defines the status of the power supply.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1606. Power Supply Output Watts**

<b>Name</b>	powerSupplyOutputWatts
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.6
<b>Description</b>	Defines the maximum sustained output wattage of the power supply in tenths of watts.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 1607. Power Supply Type**

<b>Name</b>	powerSupplyType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.7
<b>Description</b>	Defines the type of power supply.
<b>Syntax</b>	DellPowerSupplyType ( <a href="#">Power Supply Type Definitions</a> )
<b>Access</b>	Read-only

**Table 1608. Power Supply Location Name**

<b>Name</b>	powerSupplyLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.8
<b>Description</b>	Defines the location name of the power supply.
<b>Syntax</b>	DellString

**Access** Read-only

**Table 1609. Power Supply Input Voltage**

**Name** powerSupplyInputVoltage  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.9  
**Description** Defines the input voltage to the power supply in volts.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 1610. Power Supply Power Unit Index Reference**

**Name** powerSupplyPowerUnitIndexReference  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.10  
**Description** Defines the index to the associated system power unit in this chassis.  
**Syntax** DellObjectRange  
**Access** Read-only

**Table 1611. Power Supply Sensor State**

**Name** powerSupplySensorState  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.11  
**Description** Defines the state reported by the power supply sensor, and supplements the state and settings of the power supply.  
**Syntax** DellPowerSupplySensorState ([Power Supply Sensor State](#))  
**Access** Read-only

**Table 1612. Power Supply Configuration Error Type**

**Name** powerSupplyConfigurationErrorType  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.12  
**Description** Defines the type of configuration error reported by the power supply sensor.  
**Syntax** DellPowerSupplyConfigurationErrorType ([Power Supply Configuration Error Type](#))  
**Access** Read-only

**Table 1613. Power Supply Power Monitor Capable**

**Name** powerSupplyPowerMonitorCapable  
**Object ID** 1.3.6.1.4.1.674.10892.1.600.12.1.13  
**Description** Defines a boolean value that reports whether the power supply is capable of monitoring power consumption.  
**Syntax** DellBoolean  
**Access** Read-only

**Table 1614. Power Supply Rated Input Wattage**

<b>Name</b>	<code>powerSupplyRatedInputWattage</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.12.1.14
<b>Description</b>	Defines the rated input wattage of the power supply (in tenths of Watts.)
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

## Power Supply Connection Table

This table describes the connection between each power supply on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Power Supply Connection Table.

**Table 1615. Power Supply Connection Table**

<b>Name</b>	<code>powerSupplyConnectionTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10
<b>Description</b>	Defines the power supply connection table.
<b>Syntax</b>	SEQUENCE OF PowerSupplyConnectionEntry
<b>Access</b>	Not accessible

**Table 1616. Power Supply Connection Entry**

<b>Name</b>	<code>powerSupplyConnectionEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1
<b>Description</b>	Defines the power supply connection table entry.
<b>Syntax</b>	PowerSupplyConnectionEntry
<b>Access</b>	Not accessible
<b>Index</b>	<code>powerSupplyConnectionNumber</code>

**Table 1617. Power Supply Connection Number**

<b>Name</b>	<code>powerSupplyConnectionNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.1
<b>Description</b>	Identifies the instance number of the power supply connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1618. Power Supply Connection Power Supply Name**

<b>Name</b>	<code>powerSupplyConnectionPowerSupplyName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.2

<b>Description</b>	Identifies the name of the power supply in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1619. Power Supply Connection Power Supply Number**

<b>Name</b>	<code>powerSupplyConnectionPowerSupplyNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.3
<b>Description</b>	Identifies the instance number of the power supply in the powerSupplyTable in the connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only


**Table 1620. Power Supply Connection Enclosure Name**

<b>Name</b>	<code>powerSupplyConnectionEnclosureName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.4
<b>Description</b>	Identifies the name of the enclosure as represented in Storage Management to which this power supply belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1621. Power Supply Connection Enclosure Number**

<b>Name</b>	<code>powerSupplyConnectionEnclosureNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.5
<b>Description</b>	Identifies the instance number of the enclosure in the enclosureTable to which this power supply belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1622. Power Supply Connection Firmware Version**

<b>Name</b>	<code>powerSupplyConnectionFirmwareVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.10.1.6
<b>Description</b>	Displays power supply connection firmware version.
	 <b>NOTE:</b>
	Available above 1.04 firmware version.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Temperature Probe Table

**Table 1623. Temperature Probe Table**

<b>Name</b>	temperatureProbeTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20
<b>Description</b>	Defines the Temperature Probe Table.
<b>Syntax</b>	TemperatureProbeTableEntry
<b>Access</b>	Not accessible

**Table 1624. Temperature Probe Table Entry**

<b>Name</b>	temperatureProbeTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1
<b>Description</b>	Defines the Temperature Probe Table entry.
<b>Syntax</b>	TemperatureProbeTableEntry
<b>Access</b>	Not accessible
<b>Index</b>	temperatureProbechassisIndex , temperatureProbeIndex

**Table 1625. Temperature Probe Chassis Index**

<b>Name</b>	temperatureProbechassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.1
<b>Description</b>	Defines the index (one-based) of this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1626. Temperature Probe Index**

<b>Name</b>	temperatureProbeIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.2
<b>Description</b>	Defines the index of temperature probes in this chassis.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1627. Temperature Probe State Capabilities**

<b>Name</b>	temperatureProbeStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.3
<b>Description</b>	Defines the capabilities of the temperature probe.

<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1628. Temperature Probe State Settings**

<b>Name</b>	temperatureProbeStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.4
<b>Description</b>	Defines the state and settings of the temperature probe.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1629. Temperature Probe Status**

<b>Name</b>	temperatureProbeStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.5
<b>Description</b>	Defines the status of the temperature probe in tenths of degrees Celsius.
<b>Syntax</b>	DellStatusProbe
<b>Access</b>	Read-only

**Table 1630. Temperature Probe Reading**

<b>Name</b>	temperatureProbeReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.6
<b>Description</b>	Defines the value of the temperature probe. When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, the value returned for this attribute is the temperature that the probe is reading in tenths of degrees Centigrade. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, a value is not returned for this attribute.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 1631. Temperature Probe Type**

<b>Name</b>	temperatureProbeType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.7
<b>Description</b>	Defines the temperature probe type.
<b>Syntax</b>	DellTemperatureProbeType ( <a href="#">Temperature Probe Type</a> )
<b>Access</b>	Read-only

**Table 1632. Temperature Probe Location Name**

<b>Name</b>	temperatureProbeLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.8
<b>Description</b>	Defines the location of the temperature probe in this chassis.

<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1633. Temperature Probe Upper Nonrecoverable Threshold**

<b>Name</b>	temperatureProbeUpperNonRecoverableThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.9
<b>Description</b>	Defines the value of the temperature probe's upper nonrecoverable threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 1634. Temperature Probe Upper Critical Threshold**

<b>Name</b>	temperatureProbeUpperCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.10
<b>Description</b>	Defines the value of the temperature probe's upper critical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-only

**Table 1635. Temperature Probe Upper Noncritical Threshold**

<b>Name</b>	temperatureProbeUpperNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.11
<b>Description</b>	Defines the user-assigned value of the temperature probe's upper noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 1636. Temperature Probe Lower Noncritical Threshold**

<b>Name</b>	temperatureProbeLowerNonCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.12
<b>Description</b>	Defines the user-assigned value of the temperature probe's lower noncritical threshold.
<b>Syntax</b>	DellSigned32BitRange
<b>Access</b>	Read-write

**Table 1637. Temperature Probe Lower Critical Threshold**

<b>Name</b>	temperatureProbeLowerCriticalThreshold
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.700.20.1.13
<b>Description</b>	Defines the value of the temperature probe's lower critical threshold.
<b>Syntax</b>	DellSigned32BitRange



**Access** Read-only

**Table 1638. Temperature Probe Lower Nonrecoverable Threshold**

**Name** temperatureProbeLowerNonRecoverableThreshold  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.14  
**Description** Defines the value of the temperature probe's lower nonrecoverable threshold.  
**Syntax** DellSigned32BitRange  
**Access** Read-only

**Table 1639. Temperature Probe Probe Capabilities**

**Name** temperatureProbeProbeCapabilities  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.15  
**Description** Defines the probe capabilities of the temperature probe.  
**Syntax** DellProbeCapabilities  
**Access** Read-only

**Table 1640. Temperature Probe Discrete Reading**

**Name** temperatureProbeDiscreteReading  
**Object ID** 1.3.6.1.4.1.674.10892.1.700.20.1.16  
**Description** Defines the reading for a temperature probe of type temperatureProbeTypesDiscrete.  
When the value for temperatureProbeType is other than temperatureProbeTypesDiscrete, a value is not returned for this attribute. When the value for temperatureProbeType is temperatureProbeTypesDiscrete, the value returned for this attribute is the discrete reading for the probe.  
**Syntax** DellTemperatureDiscreteReading ([Temperature Probe Discrete Reading](#))  
**Access** Read-only

## Temperature Probe Connection Table

This table describes the connection between each temperature probe on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Temperature Probe Connection Table.

**Table 1641. Temperature Probe Connection Table**

**Name** temperatureConnectionTable  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.12  
**Description** Defines the temperature probe connection table.  
**Syntax** SEQUENCE OF TemperatureConnectionEntry  
**Access** Not accessible

**Table 1642. Temperature Probe Connection Entry**

<b>Name</b>	temperatureConnectionEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1
<b>Description</b>	Defines the temperature probe connection table entry. ber
<b>Syntax</b>	TemperatureConnectionEntry
<b>Access</b>	Not accessible
<b>Index</b>	temperatureConnectionNumber

**Table 1643. Temperature Probe Connection Number**

<b>Name</b>	temperatureConnectionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1.1
<b>Description</b>	Identifies the instance number of the temperature probe connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1644. Temperature Probe Connection Temperature Probe Name**

<b>Name</b>	temperatureConnectionTemperatureName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1.2
<b>Description</b>	Identifies the name of the temperature probe in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1645. Temperature Probe Connection Temperature Probe Number**

<b>Name</b>	temperatureConnectionTemperatureNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1.3
<b>Description</b>	Identifies the instance number in the temperatureTable of the temperature probe in this connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1646. Temperature Probe Connection Enclosure Name**

<b>Name</b>	temperatureConnectionEnclosureName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1.4
<b>Description</b>	Identifies the name of the enclosure as represented in Storage Management to which this temperature probe belongs.

<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1647. Temperature Probe Connection Enclosure Number**

<b>Name</b>	temperatureConnectionEnclosureNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.12.1.5
<b>Description</b>	Identifies the instance number of the enclosure in the enclosureTable to which this temperature probe belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Enclosure Management Module Table

This table describes available properties for each enclosure management module on the managed system. The following object sets up the Enclosure Management Module Table.

**Table 1648. Enclosure Management Module Table**

<b>Name</b>	enclosureManagementModuleTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13
<b>Description</b>	Defines the enclosure management module table.
<b>Syntax</b>	SEQUENCE OF EnclosureManagementModuleEntry
<b>Access</b>	Not accessible

**Table 1649. Enclosure Management Module Entry**

<b>Name</b>	EnclosureManagementModuleEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1
<b>Description</b>	Defines the enclosure management module table entry.
<b>Syntax</b>	EnclosureManagementModuleEntry
<b>Access</b>	Not accessible
<b>Index</b>	enclosureManagementModuleNumber

**Table 1650. Enclosure Management Module Number**

<b>Name</b>	enclosureManagementModuleNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.1
<b>Description</b>	Identifies the instance number of the enclosure management module entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1651. Enclosure Management Module Name**

<b>Name</b>	<code>enclosureManagementModuleName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.2
<b>Description</b>	Identifies the enclosure management module's name as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1652. Enclosure Management Module Vendor**

<b>Name</b>	<code>enclosureManagementModuleVendor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.3
<b>Description</b>	Identifies the enclosure management module's (re)seller's name.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1653. Enclosure Management Module State**

<b>Name</b>	<code>enclosureManagementModuleState</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.4
<b>Description</b>	Identifies the current state of the enclosure management module. Possible states: 0: Unknown 1: Ready 2: Failed 3: Online 4: Offline 5: Not Installed 6: Degraded 21: Missing
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1654. Enclosure Management Module Severity**

<b>Name</b>	<code>enclosureManagementModuleSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.5
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1655. Enclosure Management Module Part Number**

<b>Name</b>	enclosureManagementModulePartNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.6
<b>Description</b>	Identifies the part number of the enclosure memory module.
<b>Syntax</b>	Display String
<b>Access</b>	Read-only

**Table 1656. Enclosure Management Module Type**

<b>Name</b>	enclosureManagementModuleType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.7
<b>Description</b>	Identifies the type of the enclosure management module. Possible values: 0: Unknown 1: EMM 2: Termination Card
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1657. Enclosure Management Module Firmware Version**

<b>Name</b>	enclosureManagementModuleFWVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.8
<b>Description</b>	Identifies the firmware version of the enclosure memory module.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1658. Enclosure Management Module Maximum Speed**

<b>Name</b>	enclosureManagementModuleMaxSpeed
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.9
<b>Description</b>	Identifies the maximum bus speed of the enclosure management module.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1659. Enclosure Management Module Roll-Up Status**

<b>Name</b>	enclosureManagementModuleRollUpStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.13.1.10
<b>Description</b>	Severity of the enclosure management module state. This is the combined status of the EMM and its components.

Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable

**Syntax** DellStatus  
**Access** Read-only

**Table 1660. Enclosure Management Module Component Status**

**Name** enclosureManagementModuleComponentStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.13.1.11  
**Description** The status of the enclosure management module itself without the propagation of any contained component status.  
Possible values:  
1: Other  
2: Unknown  
3: OK  
4: Non-critical  
5: Critical  
6: Non-recoverable  
**Syntax** DellStatus  
**Access** Read-only

**Table 1661. Enclosure Management Module Nexus ID**

**Name** enclosureManagementModuleNexusID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.13.1.12  
**Description** Durable unique ID for this EMM.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1662. Enclosure Management Module Revision**

**Name** enclosureManagementModuleRevision  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.130.13.1.13  
**Description** Identifies the revision number of the enclosure management module.  
**Syntax** DisplayString  
**Access** Read-only

## Enclosure Management Module Connection Table

This table describes the connection between each enclosure management module on the managed system and its enclosure. Each enclosure number in the table corresponds to that enclosure instance in the enclosure Table.

The following object sets up the Enclosure Management Module Connection Table.

**Table 1663. Enclosure Management Module Connection Table**

<b>Name</b>	enclosureManagementModuleConnectionTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14
<b>Description</b>	Defines the enclosure memory module connection table.
<b>Syntax</b>	SEQUENCE OF EnclosureManagementModuleConnectionEntry
<b>Access</b>	Not accessible

**Table 1664. Enclosure Management Module Connection Entry**

<b>Name</b>	enclosureManagementModuleConnectionEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1
<b>Description</b>	Defines the enclosure memory module connection table entry.
<b>Syntax</b>	EnclosureManagementModuleConnectionEntry
<b>Access Not</b>	accessible
<b>Index</b>	enclosureManagementModuleConnectionNumber

**Table 1665. Enclosure Management Module Connection Number**

<b>Name</b>	enclosureManagementModuleConnectionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1.1
<b>Description</b>	Identifies the instance number of the enclosure memory module connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1666. Enclosure Management Module Connection EMM Name**

<b>Name</b>	enclosureManagementModuleConnectionEMMName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1.2
<b>Description</b>	Identifies the name of the enclosure memory module in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1667. Enclosure Management Module Connection EMM Number**

<b>Name</b>	<code>enclosureManagementModuleConnectionEMMNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1.3
<b>Description</b>	Identifies the instance number in the enclosureManagementModuleTable of the enclosure memory module in this connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1668. Enclosure Management Module Connection Enclosure Name**

<b>Name</b>	<code>enclosureManagementModuleConnectionEnclosureName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1.4
<b>Description</b>	Identifies the name of the enclosure as represented in Storage Management to which this enclosure memory module belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1669. Enclosure Management Module Connection Enclosure Number**

<b>Name</b>	<code>enclosureManagementModuleConnectionEnclosure Number</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.14.1.5
<b>Description</b>	Identifies the instance number of the enclosure in the enclosureTable to which this enclosure memory module belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Battery Table

**Table 1670. Battery Table**

<b>Name</b>	<code>batteryTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50
<b>Description</b>	Defines the Battery Table.
<b>Syntax</b>	SEQUENCE OF BatteryTableEntry
<b>Access</b>	Not accessible

**Table 1671. Battery Table Entry**

<b>Name</b>	<code>batteryTableEntry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1
<b>Description</b>	Defines the Battery Table Entry.
<b>Syntax</b>	BatteryTableEntry



<b>Access</b>	Not accessible
<b>Index</b>	batteryChassisIndex, batteryIndex

**Table 1672. Battery Chassis Index**

<b>Name</b>	batteryChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.1
<b>Description</b>	Defines the index (one-based) of the chassis that contains the battery.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1673. Battery Index**

<b>Name</b>	batteryIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.2
<b>Description</b>	Defines the index (one-based) of the battery.
<b>Syntax</b>	DellObjectRange
<b>Access</b>	Read-only

**Table 1674. Battery State Capabilities**

<b>Name</b>	batteryStateCapabilities
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.3
<b>Description</b>	Defines the state capabilities of the battery.
<b>Syntax</b>	DellStateCapabilities
<b>Access</b>	Read-only

**Table 1675. Battery State Settings**

<b>Name</b>	batteryStateSettings
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.4
<b>Description</b>	Defines the state settings of the battery.
<b>Syntax</b>	DellStateSettings
<b>Access</b>	Read-write

**Table 1676. Battery Status**

<b>Name</b>	batteryStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.5
<b>Description</b>	Defines the status of the battery.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1677. Battery Reading**

<b>Name</b>	batteryReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.6
<b>Description</b>	Defines the reading of the battery.
<b>Syntax</b>	DellBatteryReading ( <a href="#">Battery Reading</a> )
<b>Access</b>	Read-only

**Table 1678. Battery Location Name**

<b>Name</b>	batteryLocationName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.600.50.1.7
<b>Description</b>	Defines the location of the battery.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Battery Connection Table

This table describes the connection between each controller battery on the managed system and its controller. Each controller number in the table corresponds to that controller instance in the controller Table.

The following object sets up the Battery Connection Table.

**Table 1679. Battery Connection Table**

<b>Name</b>	batteryConnectionTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16
<b>Description</b>	Defines the battery connection table.
<b>Syntax</b>	SEQUENCE OF BatteryConnectionEntry
<b>Access</b>	Not accessible

**Table 1680. Battery Connection Entry**

<b>Name</b>	batteryConnectionEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1
<b>Description</b>	Defines the battery connection table entry.
<b>Syntax</b>	BatteryConnectionEntry
<b>Access</b>	BatteryConnectionEntry
<b>Index</b>	BatteryConnectionNumber

**Table 1681. Battery Connection Number**

<b>Name</b>	batteryConnectionNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1.1

<b>Description</b>	Identifies the instance number of the battery connection entry.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1682. Battery Connection Battery Name**

<b>Name</b>	batteryConnectionBatteryName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1.2
<b>Description</b>	Identifies the name of the battery in this connection as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1683. Battery Connection Battery Number**

<b>Name</b>	batteryConnectionBatteryNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1.3
<b>Description</b>	Identifies the instance number in the batteryTable of the battery in this connection.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

**Table 1684. Battery Connection Controller Name**

<b>Name</b>	batteryConnectionControllerName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1.4
<b>Description</b>	Identifies the name of the controller as represented in Storage Management to which this battery belongs.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1685. Battery Connection Controller Number**


<b>Name</b>	batteryConnectionControllerNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.16.1.5
<b>Description</b>	Identifies instance number of the controller in the controllerTable to which this battery belongs.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

## Tape Drive Table

This table describes available properties for each tape drive on the managed system.

The following object sets up the Tape Drive Table.

**Table 1686. Tape Drive Table**

<b>Name</b>	tapeDriveTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17
<b>Description</b>	A table of listed Tape Drives The number of entries is related to number of Tape Drives discovered in the system. The maximum number of entries is implementation dependent.
	 <b>NOTE:</b> The properties in this table may not be applicable to all entries.
<b>Syntax</b>	SEQUENCE OF TapeDriveEntry
<b>Access</b>	Not accessible

**Table 1687. Tape Drive Entry**

<b>Name</b>	tapeDriveEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1
<b>Description</b>	An entry in the Tape Library table. A row in this table cannot be created or deleted by SNMP operations on columns of the table.
<b>Syntax</b>	TapeDriveEntry
<b>Access</b>	Not accessible

**Table 1688. Tape Drive Number**

<b>Name</b>	tapeDriveNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.1
<b>Description</b>	Instance number of this tape drive entry.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1689. Tape Drive Name**

<b>Name</b>	tapeDriveName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.2
<b>Description</b>	The name of the tape drive as represented in Storage Management.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1690. Tape Drive Vendor**

<b>Name</b>	tapeDriveVendor
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.3
<b>Description</b>	The tape drive's manufacturer's name.

<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1691. Tape Drive Product ID**

<b>Name</b>	tapeDriveProductID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.4
<b>Description</b>	The model number of the tape drive.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1692. Tape Drive Nexus ID**

<b>Name</b>	tapeDriveNexusID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.5
<b>Description</b>	Durable unique ID for this tape drive
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1693. Tape Drive Bus Type**

<b>Name</b>	tapeDriveBusType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.6
<b>Description</b>	The bus type of the tape drive. Possible values: 8. SAS
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1694. Tape Drive SAS Address**

<b>Name</b>	tapeDriveSASAddress
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.7
<b>Description</b>	The specified SAS address if this is a SAS tape drive.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1695. Tape Drive Media Type**

<b>Name</b>	tapeDriveMediaType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.130.17.1.8
<b>Description</b>	The Media type of the tape drive. Possible Values: 4: Tape

<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

## Logical Devices Group

The Logical Devices Management Information Base (MIB) group provides information about the logical devices managed by the Dell Storage Management Software and their relationships to each other. This group and all of its associated tables and objects are not supported on Microsoft Windows Advanced Server Limited Edition 64-bit operating system (Windows.Net-64) on a Dell PowerEdge 7150. The following MIB tables define objects and relationships, or connections among the objects, in the Logical Devices Group:

- **Virtual Disk Table** — describes available properties for each virtual disk on the managed system.
- **Virtual Disk Partition** -- describes the available properties for each disk partitions on the managed system.
- **Array Disk Logical Connection Table** — describes the connections between array disks, the virtual disk to which they belong, and their associated logical disk. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

### Virtual Disk Table

This table describes available properties for each virtual disk on the managed system. The following object sets up the Virtual Disk Table.

**Table 1696. Virtual Disk Table**

<b>Name</b>	virtualDiskTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1
<b>Description</b>	Defines the virtual disk table.
<b>Syntax</b>	SEQUENCE OF VirtualDiskEntry
<b>Access</b>	Not accessible

**Table 1697. Virtual Disk Entry**

<b>Name</b>	virtualDiskEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1
<b>Description</b>	Defines the virtual disk table entry.
<b>Syntax</b>	VirtualDiskEntry
<b>Access</b>	Not accessible
<b>Index</b>	virtualDiskNumber

**Table 1698. Virtual Disk Number**

<b>Name</b>	virtualDiskNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.1
<b>Description</b>	Identifies the instance number of the virtual disk entry.

<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1699. Virtual Disk Name**

<b>Name</b>	virtualDiskName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.2
<b>Description</b>	Identifies the virtual disk's label generated by Storage Management or entered by the user.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1700. Virtual Device Disk Name**

<b>Name</b>	virtualDiskDeviceName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.3
<b>Description</b>	Identifies the device name used by this virtual disk's member disks.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1701. Virtual Disk State**

<b>Name</b>	virtualDiskState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.4
<b>Description</b>	Identifies the current state of this virtual disk. Possible states: 0: Unknown 1: Ready - The disk is accessible and has no known problems. 2: Failed - The data on the virtual disk is no longer fault tolerant because one of the underlying disks is not online. 3: Online 4: Offline - The disk is not accessible. The disk may be corrupted or intermittently unavailable. 6: Degraded - The data on the virtual disk is no longer fault tolerant because one of the underlying disks is not online. 15: Resynching 16: Regenerating 24: Rebuilding 26: Formatting 32: Reconstructing 35: Initializing 36: Background Initialization 38: Resynching Paused 52: Permanently Degraded

	54: Degraded Redundancy
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only
<b>Table 1702. Virtual Disk Severity</b>	
<b>Name</b>	<code>virtualDiskSeverity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.5
<b>Description</b>	This entry is obsolete for Storage Management. It was replaced with RollUpStatus and ComponentStatus for each device.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only
<b>Table 1703. Virtual Disk Length in Megabytes</b>	
<b>Name</b>	<code>virtualDiskLengthInMB</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.6
<b>Description</b>	Identifies the size of this virtual disk in megabytes. If this size is 0, it is smaller than a megabyte.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only
<b>Table 1704. Virtual Disk Length in Bytes</b>	
<b>Name</b>	<code>virtualDiskLengthBytes</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.7
<b>Description</b>	Identifies the portion of the virtual disk in bytes that is smaller than a megabyte. This size plus the <code>virtualDiskLengthInMB</code> is the total size of the virtual disk.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only
<b>Table 1705. Virtual Disk Free Space in Megabytes</b>	
<b>Name</b>	<code>virtualDiskFreeSpaceInMB</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.8
<b>Description</b>	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only



**Table 1706. Virtual Disk Free Space in Bytes**

<b>Name</b>	<code>virtualDiskFreeSpaceInBytes</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.9
<b>Description</b>	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1707. Virtual Disk Write Policy**

<b>Name</b>	<code>virtualDiskWritePolicy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.10
<b>Description</b>	Indicates whether the controller's write cache are used when writing to a virtual disk. Possible values: 1: Enabled - Adaptec Write Cache Enabled Protected 2: Disabled - Adaptec Write Cache Disabled 3: LSI Write Back 4: LSI Write Through 5: Enabled Always (Adaptec only) 6: Enabled Always (SAS only) 9: Not Applicable
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1708. Virtual Disk Read Policy**

<b>Name</b>	<code>virtualDiskReadPolicy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.11
<b>Description</b>	Indicates whether the controller's read cache are used when reading from a virtual disk. Possible values: 1: Enabled - Adaptec Read Cache Enabled 2: Disabled - Adaptec Read Cache Disabled 3: LSI Read Ahead 4: LSI Adaptive Read Ahead 5: LSI No Read Ahead 9: Not Applicable
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1709. Virtual Disk Cache Policy**

<b>Name</b>	<code>virtualDiskCachePolicy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.12
<b>Description</b>	Indicates whether the controller's cache is used when reading from or writing to a virtual disk. Possible values: 1: Direct I/O (LSI) 2: Cached I/O (LSI) 99: Not Applicable
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1710. Virtual Disk Layout**

<b>Name</b>	<code>virtualDiskLayout</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.13
<b>Description</b>	Indicates the virtual disk's RAID type. Possible values: 1: Concatenated 2: RAID-0 3: RAID-1 7: RAID-5 8: RAID-6 10: RAID-10 12: RAID-50 19: Concatenated RAID 1 24: RAID-60 25: CacheCade
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1711. Virtual Disk Current Stripe Size in Megabytes**

<b>Name</b>	<code>virtualDiskCurStripeSizeInMB</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.14
<b>Description</b>	Identifies the stripe size of this virtual disk in megabytes. If this size is 0, it is smaller than a megabyte.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1712. Virtual Disk Current Stripe Size in Bytes**

<b>Name</b>	<code>virtualDiskCurStripeSizeInBytes</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.15
<b>Description</b>	Identifies the portion of the stripe size in bytes that is smaller than a megabyte. This size plus the <code>virtualDiskCurStripeSizeInMB</code> is the total stripe size on the virtual disk.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1713. Virtual Disk Channel**

<b>Name</b>	<code>virtualDiskChannel</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.16

<b>Description</b>	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1714. Virtual Disk Target ID**

<b>Name</b>	<code>virtualDiskTargetID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.17
<b>Description</b>	Unique ID for the virtual disk.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1715. Virtual Disk LUN ID**

<b>Name</b>	<code>virtualDiskLunID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.18
<b>Description</b>	This entry is obsolete. This property is not supported by virtual disks managed under Storage Management.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1716. Virtual Disk Roll-Up Status**

<b>Name</b>	<code>virtualDiskRollUpStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.19
<b>Description</b>	Severity of the virtual disk state. This is the combined status of the virtual disk and its components. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1717. Virtual Disk Component Status**

<b>Name</b>	<code>virtualDiskComponentStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.20

<b>Description</b>	The status of the virtual disk itself without the propagation of any contained component status. Possible values: 1: Other 2: Unknown 3: OK 4: Non-critical 5: Critical 6: Non-recoverable
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1718. Virtual Disk Nexus ID**

<b>Name</b>	virtualDiskNexusID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.21
<b>Description</b>	Durable unique ID for this virtual disk.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1719. Virtual Disk Array Disk Type**

<b>Name</b>	virtualDiskArrayDiskType
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.22
<b>Description</b>	Identifies the type of array (physical) disks used to create the virtual disk. Possible values: 1: SAS 2: SATA 3: SCSI 4: IDE 99: Unknown
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1720. Virtual Disk Bad Blocks Detected**

<b>Name</b>	virtualDiskBadBlocksDetected
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.23
<b>Description</b>	Indicates if virtual disk has bad blocks. Value: 0 - No, 1 - Yes, 2 - Not Applicable, 99 - Unknown
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1721. Virtual Disk Encrypted**

<b>Name</b>	<code>virtualDiskEncrypted</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.24
<b>Description</b>	Indicates if virtual disk is encrypted. Value: 0 - No, 1 - Yes, 99 - Unknown
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1722. Virtual Disk is CacheCade**

<b>Name</b>	<code>virtualDiskIsCacheCade</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.25
<b>Description</b>	Indicates if this virtual disk is configured as CacheCade. Value: 1 - Yes, 0 - No, 99 - Undetermined
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1723. Virtual Disk Disk Cache Policy**

<b>Name</b>	<code>virtualDiskDiskCachePolicy</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.26
<b>Description</b>	Indicates disk cache policy of the logical device. Value: 1 - Enabled, 2 - Disabled, 99 - Undetermined
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1724. Virtual Disk Associated Fluid Cache Status**


<b>Name</b>	<code>virtualDiskAssociatedFluidCacheStatus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.1.1.27
<b>Description</b>	Indicates the status of the associated fluid cache.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

## Virtual Disk Partition

**Table 1725. Virtual Disk Partition Table**

<b>Name</b>	<code>virtualDiskPartitionTable</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.2

**Description** A table of managed virtual disk partitions. The number of entries is related to number of partitions discovered in the system. The maximum number of entries is implementation dependent.

 **NOTE:** The properties in this table may not be applicable to all entries.

**Syntax** SEQUENCE OF VirtualDiskPartitionEntry

**Access** Not-Accessible

**Table 1726. Virtual Disk Partition Entry**

**Name** virtualDiskPartitionEntry  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1  
**Description** An entry in the Virtual Disk Partition table. A row in this table cannot be created or deleted by SNMP operations on columns of the table.  
**Syntax** VirtualDiskPartitionEntry  
**Access** Not—Accessible

**Table 1727. Virtual Disk Partition Number**

**Name** virtualDiskPartitionNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.1  
**Description** Instance number of this partition entry.  
**Syntax** INTEGER  
**Access** Read-only

**Table 1728. Virtual Disk Partition Device Name**

**Name** virtualDiskPartitionDeviceName  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.2  
**Description** Device name of the partition given by the operating system.  
**Syntax** OCTET STRING  
**Access** Read-only

**Table 1729. Virtual Disk Partition State**

**Name** virtualDiskPartitionState  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.3  
**Description** State of the partition. This is mapped stated of the associate virtual disk.

- Active - Mapped cache disk is working fine.
- No - Fluid cache is not enabled.
- Removing - This is a transient stage during the process of disabling the cache.
- Failed - Mapped cache disk has failed.

**Syntax** INTEGER

**Access** Read-only

**Table 1730. Virtual Disk Partition Size**

**Name** virtualDiskPartitionSize  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.4  
**Description** Size of the partition in GB.  
**Syntax** INTEGER  
**Access** Read-only

**Table 1731. Virtual Disk Partition Fluid Cache Status**

**Name** virtualDiskPartitionFluidCacheStatus  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.5  
**Description** Indicates if the partition has associated fluid cache.  
**Syntax** OCTET STRING  
**Access** Read-only


**Table 1732. Virtual Disk Partition Nexus ID**

**Name** virtualDiskPartitionNexusID  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.2.1.6  
**Description** Durable unique ID for this partition. This comprises the controllerID, virtualDisk ID and hash mapped WWN number of this partition.  
**Syntax** DisplayString  
**Access** Read-only

## Fluid Cache Table

**Table 1733. Fluid Cache Table**

**Name** fluidCacheTable  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.4  
**Description** A table of managed FluidCache. The number of entries is related to FluidCache discovered in the system. The maximum number of entries is implementation dependent.

 **NOTE:** The properties in this table may not be applicable to all entries.

**Syntax** SEQUENCE OF FluidCacheEntry  
**Access** Not-Accessible

**Table 1734. Fluid Cache Entry**

**Name** fluidCacheEntry  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.4.1

<b>Description</b>	An entry in the Fluid Cache table. A row in this table cannot be created or deleted by SNMP operations on columns of the table.
<b>Syntax</b>	FluidCacheEntry
<b>Access</b>	Not-Accessible

**Table 1735. Fluid Cache Number**

<b>Name</b>	fluidCacheNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.1
<b>Description</b>	Instance number of this fluid cache entry.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1736. Fluid Cache Name**

<b>Name</b>	fluidCacheName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.2
<b>Description</b>	The name of the fluid cache in this subsystem as represented in Storage Management.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1737. Fluid Cache License State**

<b>Name</b>	fluidCacheLicenseState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.3
<b>Description</b>	License state of the associated fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1738. Fluid Cache License Validity**

<b>Name</b>	fluidCacheLicenseValidity
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.4
<b>Description</b>	This entry displays the number of days the fluid cache license is valid. It has to be read in parallel to license type. For state-wide licenses, the value zero should be read as Not Applicable.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1739. Fluid Cache License Entitlement ID**

<b>Name</b>	fluidCacheLicenseEntitlementID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.5
<b>Description</b>	Indicates the Entitlement Identifier for the license of the fluid cache subsystem.



<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1740. Fluid Cache License Duration**

<b>Name</b>	<code>fluidCacheLicenseDuration</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.6
<b>Description</b>	Indicates the duration of the license validity.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-Only

**Table 1741. Fluid Cache License Capacity**

<b>Name</b>	<code>fluidCacheLicenseCapacity</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.7
<b>Description</b>	Indicates the capacity of the license of fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1742. Fluid Cache License Remaining**

<b>Name</b>	<code>fluidCacheLicenseRemaining</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.8
<b>Description</b>	Indicates the remaining days of the license validity.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-Write

**Table 1743. Fluid Cache License Type**

<b>Name</b>	<code>fluidCacheLicenseType</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.9
<b>Description</b>	Indicates the type of the license of the fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1744. Fluid Cache License Vendor**

<b>Name</b>	<code>fluidCacheLicenseVendor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.10
<b>Description</b>	Indicates the license vendor for the fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1745. Fluid Cache License Product ID**

<b>Name</b>	fluidCacheLicenseProductId
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.11
<b>Description</b>	Indicates the product ID of the license of the fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1746. Fluid Cache License Date Sold**

<b>Name</b>	fluidCacheLicenseDateSold
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.12
<b>Description</b>	Indicates the date on which the license for the fluid cache subsystem is sold.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1747. Fluid Cache License Generation**

<b>Name</b>	fluidCacheLicenseGeneration
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.13
<b>Description</b>	Indicates the generation of the license for the fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1748. Fluid Cache License Feature ID**

<b>Name</b>	fluidCacheLicenseFeatureID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.14
<b>Description</b>	Indicates the license feature ID of the fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1749. Fluid Cache License Feature Description**

<b>Name</b>	fluidCacheLicenseFeatureDescription
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.15
<b>Description</b>	Provides the description of the license feature of fluid cache subsystem.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1750. Fluid Cache Nexus**

<b>Name</b>	fluidCacheNexus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.4.1.16

<b>Description</b>	Indicates the unique ID of the fluid cache component.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

## Fluid Cache Disk

**Table 1751. Fluid Cache Disk Table**

<b>Name</b>	fluidCacheDiskTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5
<b>Syntax</b>	SEQUENCE OF FluidCacheDiskEntry
<b>Access</b>	Not-Accessible

**Table 1752. Fluid Cache Disk Entry**

<b>Name</b>	fluidCacheDiskEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1
<b>Syntax</b>	FluidCacheDiskEntry
<b>Access</b>	Not-Accessible

**Table 1753. Fluid Cache Disk Number**

<b>Name</b>	fluidCacheDiskNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1.1
<b>Description</b>	Instance number of the fluidCacheDisk entry.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1754. Fluid Cache Disk Name**

<b>Name</b>	fluidCacheDiskName
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1.2
<b>Description</b>	Name of the Fluid Cache Disk Name as seen by storage management.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1755. Fluid Cache Disk State**

<b>Name</b>	fluidCacheDiskState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1.3
<b>Description</b>	State of the FluidCacheDisk entry. Valid values are 2 - Active, otherwise Inactive
<b>Syntax</b>	INTEGER

**Access** Read-only

**Table 1756. Fluid Cache Disk Backend Device Type**

**Name** fluidCacheDiskBackendDeviceType  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.5.1.4  
**Description** This displays the type of the backend device beneath the fluid cache disk.  
Values are as below  
773 denotes VirtualDisk  
791 denotes Partition  
**Syntax** INTEGER  
**Access** Read-only

**Table 1757. Fluid Cache Disk Backend Device Name**

**Name** fluidCacheDiskBackendDeviceName  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.5.1.5  
**Description** Device name of the backend device as seen by the operating system.  
**Syntax** OCTET STRING  
**Access** Read-only

**Table 1758. Fluid Cache Disk Backend Device Size**

**Name** fluidCacheDiskBackendDeviceSize  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.5.1.6  
**Description** Size of the Backend device. Size is indicated in GB.  
**Syntax** INTEGER  
**Access** Read-Only

**Table 1759. Fluid Cache Disk Operating Mode**

**Name** fluidCacheDiskOperatingMode  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.5.1.7  
**Description** Operating mode of the FluidCache. Values are  

- 0 - Writeback mode
- 1 - Writethrough mode
- 2 - PassThrough mode

**Syntax** INTEGER  
**Access** Read-only

**Table 1760. Fluid Cache Disk Configured Mode**

**Name** fluidCacheDiskConfiguredMode  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.5.1.8

<b>Description</b>	Configured Mode of the FluidCache. The values are : <ul style="list-style-type: none"> <li>• 0 - Writeback mode</li> <li>• 1 - Writethrough mode</li> <li>• 2 - PassThrough mode</li> </ul>
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-Only

**Table 1761. Fluid Cache Disk Nexus**

<b>Name</b>	fluidCacheDiskNexus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1.9
<b>Description</b>	Durable Unique ID of the fluidcache disk.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-Write

**Table 1762. Fluid Cache Disk Status**

<b>Name</b>	fluidCacheDiskStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.5.1.10
<b>Description</b>	Severity of the fluid cache disk state. Possible values: <ul style="list-style-type: none"> <li>• 1: Other</li> <li>• 2: Unknown</li> <li>• 3: OK</li> <li>• 4: Non-critical</li> <li>• 5: Critical</li> <li>• 6: Non-recoverable</li> </ul>
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

## Fluid Cache Pool Table

**Table 1763. Fluid Cache Pool Table**

<b>Name</b>	fluidCachePoolTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6
<b>Syntax</b>	SEQUENCE OF FluidCachePoolEntry
<b>Access</b>	Not-Accessible

**Table 1764. Fluid Cache Pool Entry**

<b>Name</b>	fluidCachePoolEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1

<b>Syntax</b>	FluidCachePoolEntry
<b>Access</b>	Not-Accessible

**Table 1765. Fluid Cache Pool Number**

<b>Name</b>	fluidCacheDiskNumber
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.1
<b>Description</b>	Instance number of the fluid cache pool entry.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1766. Fluid Cache Pool Store Count**

<b>Name</b>	fluidCachePoolStoreCount
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.2
<b>Description</b>	Number of flash devices that are part of the fluid cache pool.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1767. Fluid Cache Pool UUID**

<b>Name</b>	fluidCachePoolUUID
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.3
<b>Description</b>	UUID of the fluid cache pool.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1768. Fluid Cache Pool License State**

<b>Name</b>	fluidCachePoolLicenseState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.4
<b>Description</b>	License state of the fluid cache system.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1769. Fluid Cache Pool Size**

<b>Name</b>	fluidCachePoolSize
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.5
<b>Description</b>	Size of the fluid cache pool in GiB.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1770. Fluid Cache Pool High Availability State**

<b>Name</b>	fluidCachePoolHighAvailabilityState
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.6
<b>Description</b>	Indicates if the fluid cache pool is operating in high availability mode.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-Only

**Table 1771. Fluid Cache Pool Nexus**

<b>Name</b>	fluidCachePoolNexus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.7
<b>Description</b>	Durable unique ID of the fluid cache pool entry.
<b>Syntax</b>	OCTET STRING
<b>Access</b>	Read-only

**Table 1772. Fluid Cache Pool Status**

<b>Name</b>	fluidCachePoolStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.6.1.8
<b>Description</b>	Severity of the fluid cache pool table state. Possible values: <ul style="list-style-type: none"><li>• 1: Other</li><li>• 2: Unknown</li><li>• 3: OK</li><li>• 4: Non-critical</li><li>• 5: Critical</li><li>• 6: Non-recoverable</li></ul>
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

## Array Disk Logical Connection Table

This table describes the connections between array disks, the virtual disk to which they belong, and their associated logical disk. For each object in the table, its object number corresponds to an instance number in the appropriate MIB table for that object where all of the object properties can be found.

The following object sets up the Array Disk Logical Connection Table.

**Table 1773. Array Disk Logical Connection Table**

<b>Name</b>	arrayDiskLogicalConnectionTable
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.140.3
<b>Description</b>	Defines the array disk logical connection table.
<b>Syntax</b>	SEQUENCE OF arrayDiskLogicalConnectionEntry

**Access** Not accessible

**Table 1774. Array Disk Logical Connection Entry**

**Name** arrayDiskLogicalConnectionEntry  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1  
**Description** Defines the array disk logical connection table entry.  
**Syntax** ArrayDiskLogicalConnectionEntry  
**Access** Not accessible  
**Index** arrayDiskLogicalConnectionNumber

**Table 1775. Array Disk Logical Connection Number**

**Name** arrayDiskLogicalConnectionNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.1  
**Description** Identifies the instance number of the disk entry.  
**Syntax** Integer  
**Access** Read-only

**Table 1776. Array Disk Logical Connection Array Disk Name**

**Name** arrayDiskLogicalConnectionArrayDiskName  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.2  
**Description** Identifies the name of the array disk in this logical connection.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1777. Array Disk Logical Connection Array Disk Number**

**Name** arrayDiskLogicalConnectionArrayDiskNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.3  
**Description** Identifies the instance number of the array disk in this logical connection.  
**Syntax** Integer  
**Access** Read-only

**Table 1778. Array Disk Logical Connection Virtual Disk Name**

**Name** arrayDiskLogicalConnectionVirtualDiskName  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.4  
**Description** Identifies the name of the virtual disk to which this array disk belongs.  
**Syntax** DisplayString



**Access** Read-only

**Table 1779. Array Disk Logical Connection Virtual Disk Number**

**Name** arrayDiskLogicalConnectionVirtualDiskNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.5  
**Description** Identifies the instance number of the virtual disk to which this array disk belongs.  
**Syntax** Integer  
**Access** Read-only

**Table 1780. Array Disk Logical Connection Disk Name**

**Name** arrayDiskLogicalConnectionDiskName  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.6  
**Description** Identifies the name of the disk group to which this array disk belongs. This property is currently not supported.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1781. Array Disk Logical Connection Disk Number**

**Name** arrayDiskLogicalConnectionDiskNumber  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.140.3.1.7  
**Description** Identifies the instance number of the disk group to which this array disk belongs. This property is currently not supported.  
**Syntax** Integer  
**Access** Read-only

## Storage Management Event Group

The Storage Management Event Group defines the properties that are sent with SNMP traps.

**Table 1782. Message ID Event**

**Name** messageIDEvent  
**Object ID** 1.3.6.1.4.1.674.10893.1.20.200.1  
**Description** Storage Management event message number.  
**Syntax** Integer  
**Access** Read-only

**Table 1783. Description Event**

<b>Name</b>	descriptionEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.2
<b>Description</b>	Storage Management event message text describing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1784. Location Event**

<b>Name</b>	locationEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.3
<b>Description</b>	Additional information identifying the location of the object causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1785. Object Name Event**

<b>Name</b>	objectNameEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.4
<b>Description</b>	Name of the object as represented in Storage Management causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1786. Object OID Event**

<b>Name</b>	objectOIDEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.5
<b>Description</b>	MIB OID of the object causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1787. Object Nexus Event**

<b>Name</b>	objectNexusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.6
<b>Description</b>	Durable, unique ID of the object causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1788. Current Status Event**

<b>Name</b>	currentStatusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.7
<b>Description</b>	Current status of object causing the alert, if applicable.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only


**Table 1789. Previous Status Event**

<b>Name</b>	previousStatusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.8
<b>Description</b>	Previous status of object causing the alert if applicable.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only



## Change Management Group

The Change Management Group lets you monitor information about the Dell devices and software that are present on a particular managed computer chassis. This information is collected during an inventory scan.

 **NOTE:** On systems running Linux, the optional `svadmin-cm` RPM package must be installed for Dell OpenManage Server Administrator to respond to SNMP queries in this group. See the *Server Administrator Installation Guide* for more information.

## Inventory Group

The following objects describe the fields for inventory information.

**Table 1790. Inventory Locale**

<b>Name</b>	<code>inventoryLocale</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.1
<b>Description</b>	Defines the locale of the system.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1791. Inventory Schema Version**

<b>Name</b>	<code>inventorySchemaVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.2
<b>Description</b>	Defines the inventory schema implemented by this system.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1792. Inventory System ID**

<b>Name</b>	<code>inventorySystemID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.3
<b>Description</b>	Defines the System ID for the system.
<b>Syntax</b>	SystemID
<b>Access</b>	Read-only

## Device Group

The Device Group defines information about the devices discovered on the system during an inventory scan. Identifying information includes the Component ID, the Device ID, and the Vendor ID.

## Device Group Table

The following object sets up the Device Group Table.

### Table 1793. Device Table

<b>Name</b>	deviceTable
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5
<b>Description</b>	Defines the Device Table.
<b>Syntax</b>	SEQUENCE OF DeviceEntry
<b>Access</b>	Not accessible

### Table 1794. Device Entry

<b>Name</b>	deviceEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1
<b>Description</b>	Defines a device entry.
<b>Syntax</b>	DeviceEntry
<b>Access</b>	Not accessible

### Table 1795. Device Index

<b>Name</b>	deviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.1
<b>Description</b>	Defines the unique index for this device.
<b>Syntax</b>	Unsigned16BitRange
<b>Access</b>	Read-only

### Table 1796. Device Component ID

<b>Name</b>	deviceComponentID
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.2
<b>Description</b>	Defines an optional component ID field for the device.
<b>Syntax</b>	Integer
<b>Access</b>	Read-only

### Table 1797. Device Display String

<b>Name</b>	deviceDisplayString
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.3
<b>Description</b>	Provides a displayable string that describes the device.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1798. Device Vendor ID**

<b>Name</b>	deviceVendorID
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.4
<b>Description</b>	Defines the ID for the vendor supplying the device.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1799. Device ID**

<b>Name</b>	deviceDeviceID
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.5
<b>Description</b>	Defines the ID for the device.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only


**Table 1800. Device Sub ID**

<b>Name</b>	deviceSubID
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.6
<b>Description</b>	Provides additional device identification.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1801. Device Sub Vendor ID**

<b>Name</b>	deviceSubVendorID
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.5.1.7
<b>Description</b>	Provides additional vendor identification.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

## Application Group

 **NOTE:** Dell updateable components such as Basic input/output system (BIOS) and FirmWare (FW) are considered applications. For example, the following would be returned for system BIOS: `Application/DisplayString = BIOS Application/Version = A10`

The Application Group defines information about the applications discovered on the system during an inventory scan. Identifying information includes the application type, the application version, and the application description.

### Application Group Table

The following object sets up the Application Group Table

**Table 1802. Application Table**

<b>Name</b>	applicationTable
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6
<b>Description</b>	Defines a table of application information for the system.
<b>Syntax</b>	Defines a table of application information for the system.
<b>Access</b>	Not accessible

**Table 1803. Application Entry**

<b>Name</b>	applicationEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1
<b>Description</b>	Defines an application entry.
<b>Syntax</b>	ApplicationEntry
<b>Access</b>	Read-only

**Table 1804. Application Index**

<b>Name</b>	applicationIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.1
<b>Description</b>	Defines the unique index for this application.
<b>Syntax</b>	Unsigned16BitRange
<b>Access</b>	Read-only

**Table 1805. Application Device Index**

<b>Name</b>	applicationDeviceIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.2
<b>Description</b>	Defines a cross-index to the device table for the application.
<b>Syntax</b>	Unsigned16BitRange
<b>Access</b>	Read-only

**Table 1806. Application Component Type**

<b>Name</b>	applicationComponentType
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.3
<b>Description</b>	Identifies the type of application reported.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1807. Application Version**

<b>Name</b>	applicationVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.4



<b>Description</b>	Identifies the version of the application.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1808. Application Display String**

<b>Name</b>	<code>applicationDisplayString</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.5
<b>Description</b>	A user visible display string that describes the application.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1809. Application Sub-Component ID**

<b>Name</b>	<code>applicationSubComponentID</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10899.1.6.1.6
<b>Description</b>	The sub-component ID for the application. This is usually valid on ESM device reporting.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Operating System Group

The Operating System Group provides status and identifying information about a system's operating system. Identifying information includes the name, version, and service pack of the installed operating system.

The following objects describe the fields for Operating System Group.

## Inventory Collector Product Information

The following objects describe the fields for the Inventory Collector. The Inventory Collector product variables are scalar objects, meaning that they are not related to other Inventory Collector base (MIB) objects and are thus not placed in a table.



# Dell Remote Access Controller Out-of-Band Group

The Dell Remote Access Controller Out-of-Band MIB contains information for both Chassis Management Controller (CMC) and RAC Legacy Alerting. This MIB consists of information for the following groups:

## Product Information

The following MIB attributes provide product information for the chassis management controller:

**Table 1810. DRsProductName**

<b>Name</b>	<code>drsProductName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.1
<b>Description</b>	Defines the product name of a chassis management controller.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1811. DRsProductShortName**

<b>Name</b>	<code>drsProductShortName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.2
<b>Description</b>	Defines the short product name of a chassis management controller.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1812. DRsProductDescription**

<b>Name</b>	<code>drsProductDescription</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.3
<b>Description</b>	Defines the product description of a chassis management controller.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1813. DRsProductManufacturer**

<b>Name</b>	<code>drsProductManufacturer</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.4
<b>Description</b>	Defines the product manufacturer of a chassis management controller.
<b>Syntax</b>	DellString

**Access** Read-only

**Table 1814. DRsProductVersion**

**Name** drsProductVersion  
**Object ID** 1.3.6.1.4.1.674.10892.2.1.1.5  
**Description** Defines the product version of a chassis management controller.  
**Syntax** DellString  
**Access** Read-only

**Table 1815. DRsChassisServiceTag**

**Name** drsChassisServiceTag  
**Object ID** 1.3.6.1.4.1.674.10892.2.1.1.6  
**Description** Defines the Service Tag of the chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 1816. DRsProductURL**

**Name** drsProductURL  
**Object ID** 1.3.6.1.4.1.674.10892.2.1.1.7  
**Description** Defines the out-of-band UI URL of a chassis management controller.  
**Syntax** DellString  
**Access** Read-only

**Table 1817. DRsProductChassisAssetTag**

**Name** drsProductChassisAssetTag  
**Object ID** 1.3.6.1.4.1.674.10892.2.1.1.8  
**Description** Defines the Asset Tag of the chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 1818. DRsProductChassisLocation**

**Name** drsProductChassisLocation  
**Object ID** 1.3.6.1.4.1.674.10892.2.1.1.9  
**Description** Defines the location of the chassis.  
**Syntax** DellString  
**Access** Read-only

**Table 1819. DRsProductChassisName**

<b>Name</b>	drsProductChassisName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.10
<b>Description</b>	Defines the name of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1820. DRsSystemServiceTag**

<b>Name</b>	drsSystemServiceTag
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.11
<b>Description</b>	Defines the service tag of a system.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1821. DRsProductSystemAssetTag**

<b>Name</b>	drsProductSystemAssetTag
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.12
<b>Description</b>	Defines the asset tag of a system.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1822. DRsProductSystemSlot**

<b>Name</b>	drsProductSystemSlot
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.13
<b>Description</b>	Defines the slot number of a CMC.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1823. DRsProductType**

<b>Name</b>	drsProductType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.14
<b>Description</b>	Defines type of a remote access card.
<b>Syntax</b>	DellRacType
<b>Access</b>	Read-only

**Table 1824. DRsProductChassisDataCenter**

<b>Name</b>	drsProductChassisDataCenter
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.15

<b>Description</b>	Defines the data center locator of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1825. DRsProductChassisAisle**

<b>Name</b>	<code>drsProductChassisAisle</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.16
<b>Description</b>	Defines the aisle locator of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1826. DRsProductChassisRack**

<b>Name</b>	<code>drsProductChassisRack</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.17
<b>Description</b>	Defines the rack locator of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1827. DRsProductChassisRackSlot**

<b>Name</b>	<code>drsProductChassisRackSlot</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.18
<b>Description</b>	Defines the rack slot locator of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1828. DRsProductChassisModel**

<b>Name</b>	<code>drsProductChassisModel</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.19
<b>Description</b>	Defines the model of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1829. DRsProductChassisExpressServiceCode**

<b>Name</b>	<code>drsProductChassisExpressServiceCode</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.20
<b>Description</b>	Defines the express service code of the chassis.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1830. DRsProductChassisSystemID**

<b>Name</b>	drsProductChassisSystemID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.1.21
<b>Description</b>	Defines the system ID of the chassis.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1831. DRsFirmwareVersion**

<b>Name</b>	drsFirmwareVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.2.1
<b>Description</b>	Defines the firmware version of a chassis management controller 1.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1832. DRsiKVMFirmwareVersion**

<b>Name</b>	drsiKVMFirmwareVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.2.2
<b>Description</b>	Defines the firmware version of the iKVM.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1833. DRsFirmwareVersion2**

<b>Name</b>	drsFirmwareVersion2
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.1.2.3
<b>Description</b>	Defines the firmware version of chassis management controller 2.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

## Chassis Status

The following MIB attributes provide status information on the chassis being monitored by the chassis management controller.

**Table 1834. DRsGlobalSystemStatus**

<b>Name</b>	drsGlobalSystemStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.2.1
<b>Description</b>	Defines the overall chassis status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1835. DRsGlobalCurrStatus**

<b>Name</b>	drsGlobalCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.1
<b>Description</b>	Defines the overall chassis status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1836. DRsIOMCurrStatus**

<b>Name</b>	drsIOMCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.2
<b>Description</b>	Defines the IOM subsystem status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1837. DRsKVMCurrStatus**

<b>Name</b>	drsKVMCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.3
<b>Description</b>	Defines the iKVM subsystem health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1838. DRsRedCurrStatus**

<b>Name</b>	drsRedCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.4
<b>Description</b>	Defines the redundancy status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1839. DRsPowerCurrStatus**

<b>Name</b>	drsPowerCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.5
<b>Description</b>	Defines the power subsystem health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only



**Table 1840. DRsFanCurrStatus**

<b>Name</b>	drsFanCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.6
<b>Description</b>	Defines the fan subsystem health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1841. DRsBladeCurrStatus**

<b>Name</b>	drsBladeCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.7
<b>Description</b>	Defines the blade subsystem health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1842. DRsTempCurrStatus**

<b>Name</b>	drsTempCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.8
<b>Description</b>	Defines the temperature sensor subsystem health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1843. DRsCMCCurrStatus**

<b>Name</b>	drsCMCCurrStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.9
<b>Description</b>	Defines the CMC health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1844. DRsChassisFrontPanelAmbientTemperature**

<b>Name</b>	drsChassisFrontPanelAmbientTemperature
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.10
<b>Description</b>	Defines the ambient temperature reading (in degrees Celsius) for the chassis front panel controller.
<b>Syntax</b>	DellTemperatureReading
<b>Access</b>	Read-only

**Table 1845. DRsCMAmbientTemperature**

<b>Name</b>	drsCMAmbientTemperature
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.11
<b>Description</b>	Defines the ambient temperature reading (in degrees Celsius) for the chassis management card.
<b>Syntax</b>	DellTemperatureReading
<b>Access</b>	Read-only

**Table 1846. DRsCMProcessorTemperature**

<b>Name</b>	drsCMProcessorTemperature
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.1.12
<b>Description</b>	Defines the temperature reading (in degrees Celsius) for the chassis management card processor.
<b>Syntax</b>	DellTemperatureReading
<b>Access</b>	Read-only

**Table 1847. DRsGlobalPrevStatus**

<b>Name</b>	drsGlobalPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.1
<b>Description</b>	Defines the previous chassis status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1848. DRsIOMPprevStatus**

<b>Name</b>	drsIOMPprevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.2
<b>Description</b>	Defines the previous IOM subsystem status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1849. DRsKVMPprevStatus**

<b>Name</b>	drsKVMPprevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.3
<b>Description</b>	Defines the previous iKVM subsystem health status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1850. DRsRedPrevStatus**

<b>Name</b>	drsRedPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.4
<b>Description</b>	Defines the previous redundancy status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1851. DRsPowerPrevStatus**

<b>Name</b>	drsPowerPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.5
<b>Description</b>	Defines the previous power subsystem health status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1852. DRsFanPrevStatus**

<b>Name</b>	drsFanPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.6
<b>Description</b>	Defines the previous fan health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1853. DRsBladePrevStatus**

<b>Name</b>	drsBladePrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.7
<b>Description</b>	Defines the previous blade subsystem health status recorded by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1854. DRsTempPrevStatus**

<b>Name</b>	drsTempPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.8
<b>Description</b>	Defines the temperature sensor health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1855. DRsCMCPrevStatus**

<b>Name</b>	drsCMCPrevStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.2.9
<b>Description</b>	Defines the CMC health status being monitored by the chassis management card.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1856. DRsGlobalChangeTime**

<b>Name</b>	drsGlobalChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.1
<b>Description</b>	Defines the timestamp of the most recent global status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1857. DRsIOMChangeTime**

<b>Name</b>	drsIOMChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.2
<b>Description</b>	Defines the timestamp of the most recent IOM status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1858. DRsKVMChangeTime**

<b>Name</b>	drsKVMChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.3
<b>Description</b>	Defines the timestamp of the most recent iKVM status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1859. DRsRedChangeTime**

<b>Name</b>	drsRedChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.4
<b>Description</b>	Defines the timestamp of the most recent Redundancy status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1860. DRsPowerChangeTime**

<b>Name</b>	drsPowerChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.5

<b>Description</b>	Defines the timestamp of the most recent power health status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1861. DRsFanChangeTime**

<b>Name</b>	drsFanChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.6
<b>Description</b>	Defines the timestamp of the most recent fan health status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1862. DRsBladeChangeTime**

<b>Name</b>	drsBladeChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.7
<b>Description</b>	Defines the timestamp of the most recent blade health status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1863. DRsTempChangeTime**

<b>Name</b>	drsTempChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.8
<b>Description</b>	Defines the timestamp of the most recent temperature sensor health status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

**Table 1864. DRsCMCChangeTime**

<b>Name</b>	drsCMCChangeTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.3.3.9
<b>Description</b>	Defines the timestamp of the most recent CMC health status change.
<b>Syntax</b>	TimeTicks
<b>Access</b>	Read-only

## Chassis Power

The following MIB tables provide power information for the chassis being monitored by the chassis management controller.

**Table 1865. DRsCMC Power Table**

<b>Name</b>	drsCMCPowerTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1

<b>Description</b>	Defines the CMC power table.
<b>Syntax</b>	SEQUENCE OF DrsCMCPowerTableEntry
<b>Access</b>	Not-accessible

**Table 1866. DRsCMC Power Table Entry**

<b>Name</b>	drsCMCPowerTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1
<b>Description</b>	Defines the CMC power table entry.
<b>Syntax</b>	DrsCMCPowerTableEntry
<b>Access</b>	Not-accessible

**Table 1867. DRsCMC PSUTable**

<b>Name</b>	drsCMCPSUTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2
<b>Description</b>	Defines the CMC PSU table.
<b>Syntax</b>	SEQUENCE OF DrsCMCPSUTableEntry
<b>Access</b>	Not-accessible

**Table 1868. DRsCMC PSUTableEntry**

<b>Name</b>	drsCMCPSUTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1
<b>Description</b>	Defines the CMC PSU table entry.
<b>Syntax</b>	DrsCMCPSUTableEntry
<b>Access</b>	Not-accessible

## CMC Power Information

The following MIB tables provide information on the chassis power.

**Table 1869. DRsChassisIndex**

<b>Name</b>	drsChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellCMCPowerIndexRange
<b>Access</b>	Read-only

**Table 1870. DRsPotentialPower**

<b>Name</b>	drsPotentialPower
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.2

<b>Description</b>	Defines the power (in watts) required by the chassis infrastructure, along with the maximum power requirements for all systems currently turned on.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1871. DRsIdlePower**

<b>Name</b>	<code>drsIdlePower</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.3
<b>Description</b>	Defines the power (in watts) required by the chassis infrastructure, along with the minimum power requirements for all systems currently turned on.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1872. DRsMaxPowerSpecification**

<b>Name</b>	<code>drsMaxPowerSpecification</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.4
<b>Description</b>	Defines the power limit (in watts) at which server throttling takes place.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1873. DRsPowerSurplus**

<b>Name</b>	<code>drsPowerSurplus</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.5
<b>Description</b>	Defines the power surplus (in watts) remaining above the <code>drsPotentialPower</code> reading.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1874. DRsKWhCumulative**

<b>Name</b>	<code>drsKWhCumulative</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.6
<b>Description</b>	Defines the cumulative chassis power usage (in KWh) since last reset.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1875. DRsKWhCumulativeTime**

<b>Name</b>	<code>drsKWhCumulativeTime</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.7
<b>Description</b>	Defines the timestamp of the most recent chassis power accumulator reset.

<b>Syntax</b>	DellTimestamp
<b>Access</b>	Read-only

**Table 1876. DRsWattsPeakUsage**

<b>Name</b>	drsWattsPeakUsage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.8
<b>Description</b>	Defines the chassis peak power usage (in watts) since last reset.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1877. DRsWattsPeakTime**

<b>Name</b>	drsWattsPeakTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.9
<b>Description</b>	Defines the timestamp of the most recent chassis peak power usage.
<b>Syntax</b>	DellTimestamp
<b>Access</b>	Read-only

**Table 1878. DRsWattsMinUsage**

<b>Name</b>	drsWattsMinUsage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.10
<b>Description</b>	Defines the chassis minimum power usage (in watts) since last reset.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1879. DRsWattsMinTime**

<b>Name</b>	drsWattsMinTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.11
<b>Description</b>	Defines the time stamp of the most recent chassis minimum power usage.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1880. DRsWattsResetTime**

<b>Name</b>	drsWattsResetTime
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.12
<b>Description</b>	Defines the time stamp of the most recent reset of the chassis minimum/maximum watts readings.
<b>Syntax</b>	DellTimestamp
<b>Access</b>	Read-only



**Table 1881. DRsWattsReading**

<b>Name</b>	drsWattsReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.13
<b>Description</b>	Defines the instantaneous chassis power usage (in watts).
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1882. DRsAmpsReading**

<b>Name</b>	drsAmpsReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.1.1.14
<b>Description</b>	Defines the instantaneous chassis current usage (in watts).
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

## CMC PSU Information

The following MIB tables provide information on the chassis power supply units.

**Table 1883. DRsPSUChassisIndex**

<b>Name</b>	drsPSUChassisIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.1
<b>Description</b>	Defines the index (one-based) of the associated chassis.
<b>Syntax</b>	DellCMCPowerIndexRange
<b>Access</b>	Read-only

**Table 1884. DRsPSUIndex**

<b>Name</b>	drsPSUIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.2
<b>Description</b>	Defines the index (one-based) of the associated CMC PSU.
<b>Syntax</b>	DellCMCPSUIndexRange
<b>Access</b>	Read-only

**Table 1885. DRsPSULocation**

<b>Name</b>	drsPSULocation
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.3
<b>Description</b>	Defines the location of the CMC PSU.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1886. DRsPSUMonitoringCapable**

<b>Name</b>	drsPSUMonitoringCapable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.4
<b>Description</b>	Defines the monitoring capabilities or the absence of a PSU in this location.
<b>Syntax</b>	DellCMCPSUCapable
<b>Access</b>	Read-only

**Table 1887. DRsPSUVoltsReading**

<b>Name</b>	drsPSUVoltsReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.5
<b>Description</b>	Defines the instantaneous PSU voltage reading.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1888. DRsPSUAmpsReading**

<b>Name</b>	drsPSUAmpsReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.6
<b>Description</b>	Defines the instantaneous PSU current reading.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

**Table 1889. DRsPSUWattsReading**

<b>Name</b>	drsPSUWattsReading
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.4.2.1.7
<b>Description</b>	Defines the instantaneous PSU wattage reading.
<b>Syntax</b>	DellPowerReading
<b>Access</b>	Read-only

## Chassis Servers

The following MIB tables provide server information for the chassis being monitored by the chassis management controller.

**Table 1890. DRsCMCServerTable**

<b>Name</b>	drsCMCServerTable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1
<b>Description</b>	Defines the CMC server table.
<b>Syntax</b>	SEQUENCE OF DrsCMCServerTableEntry
<b>Access</b>	Not-Accessible

**Table 1891. DRsCMCServerTableEntry**

<b>Name</b>	drsCMCServerTableEntry
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1.1
<b>Description</b>	Defines the CMC server table entry.
<b>Syntax</b>	DrsCMCServerTableEntry
<b>Access</b>	Not-Accessible

**CMC Server Information**

The following MIB tables provide CMC server information being monitored by the chassis management controller.

**Table 1892. DRsServerIndex**

<b>Name</b>	drsServerIndex
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1.1.1
<b>Description</b>	Defines the index (one-based) of the associated CMC server.
<b>Syntax</b>	DellCMCServerIndexRange
<b>Access</b>	Read-only

**Table 1893. DRsServerMonitoringCapable**

<b>Name</b>	drsServerMonitoringCapable
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1.1.2
<b>Description</b>	Defines the monitoring capabilities, or the absence of a server in this location.
<b>Syntax</b>	DellCMCServerCapable
<b>Access</b>	Read-only

**Table 1894. DRsServerServiceTag**

<b>Name</b>	drsServerServiceTag
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1.1.3
<b>Description</b>	Defines the Service Tag of the CMC server.
<b>Syntax</b>	DellString
<b>Access</b>	Read-only

**Table 1895. DRsServerSlotName**

<b>Name</b>	drsServerSlotName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5.1.1.4
<b>Description</b>	Defines the slot name of the CMC server.
<b>Syntax</b>	DellString

**Access** Read-only

**Table 1896. DRsServerSlotNumber**

**Name** drsServerSlotNumber  
**Object ID** 1.3.6.1.4.1.674.10892.2.5.1.1.5  
**Description** Defines the chassis slot number of the CMC server.  
**Syntax** DellString  
**Access** Read-only

## Chassis Alert

The following MIB tables provide information on the chassis management controller alerts.

**Table 1897. DRsCASubSystem**

**Name** drsCASubSystem  
**Object ID** 1.3.6.1.4.1.674.10892.2.20.10.1  
**Description** Defines the subsystem name of the CMC Alert.  
**Syntax** DellString  
**Access** Read-only

**Table 1898. DrsCASSCurrStatus**

**Name** drsCASSCurrStatus  
**Object ID** 1.3.6.1.4.1.674.10892.2.20.10.2  
**Description** Defines the current status of the alerting subsystem.  
**Syntax** DellStatus  
**Access** Read-only

**Table 1899. DrsCASSPrevStatus**

**Name** drsCASSPrevStatus  
**Object ID** 1.3.6.1.4.1.674.10892.2.20.10.3  
**Description** Defines the previous status of the alerting subsystem.  
**Syntax** DellStatus  
**Access** Read-only

**Table 1900. DrsCASSChangeTime**

**Name** drsCASSChangeTime  
**Object ID** 1.3.6.1.4.1.674.10892.2.20.10.4  
**Description** Defines the time stamp of the most recent change of the alerting subsystem.  
**Syntax** TimeTicks

**Access** Read-only

**Table 1901. DrsCAMessage**

**Name** drsCAMessage  
**Object ID** 1.3.6.1.4.1.674.10892.2.20.10.5  
**Description** Defines the CSSD message of the CMC alert.  
**Syntax** DellString  
**Access** Read-only

## Chassis Alert 2

**Table 1902. DRsCA2MessageID**

**Name** drsCA2MessageID  
**Object ID** 1.3.6.1.4.1.674.10892.2.21.10.1  
**Description** Defines the message ID of the alert.  
**Syntax** DisplayString  
**Access** Read-only

**Table 1903. DrsCA2Message**

**Name** drsCA2Message  
**Object ID** 1.3.6.1.4.1.674.10892.2.21.10.2  
**Description** Defines the message describing the alert.  
**Syntax** DellString  
**Access** Read-only

**Table 1904. DrsCA2MessageArgs**

**Name** drsCA2MessageArgs  
**Object ID** 1.3.6.1.4.1.674.10892.2.21.10.3  
**Description** Defines the concatenated set of strings that represent the message arguments that are used to construct the alert message. The message argument strings are enclosed within double quotes and are separated with a comma. Double quotes used within the message argument strings are preprocessed and changed to single quotes.  
**Syntax** DellString  
**Access** Read-only

**Table 1905. DrsCA2AlertStatus**

<b>Name</b>	drsCA2AlertStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.21.10.4
<b>Description</b>	Defines the status of the alert.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1906. DrsCA2FQDD**

<b>Name</b>	drsCA2FQDD
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.21.10.5
<b>Description</b>	Defines the fully qualified device descriptor of device causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Legacy Alerting

The following MIB tables provide information on the RAC legacy alerting.

**Table 1907. DRsAlertSystem**

<b>Name</b>	drsAlertSystem
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.1
<b>Description</b>	Name of the system generating the alert.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1908. DRsAlertTableIndexOID**

<b>Name</b>	drsAlertTableIndexOID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.2
<b>Description</b>	Alert Index Object Identifier.
<b>Syntax</b>	OBJECT IDENTIFIER
<b>Access</b>	Read-only

**Table 1909. DRsAlertMessage**

<b>Name</b>	drsAlertMessage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.3
<b>Description</b>	Message describing the alert.
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only

**Table 1910. DRsAlertCurrentStatus**

<b>Name</b>	drsAlertCurrentStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.4
<b>Description</b>	Current status of object causing the alert.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1911. DRsAlertPreviousStatus**

<b>Name</b>	drsAlertPreviousStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.5
<b>Description</b>	Previous status of object causing the alert.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1912. DRsAlertData**

<b>Name</b>	drsAlertData
<b>Object ID</b>	1.3.6.1.4.1.674.10892.2.5000.10.6
<b>Description</b>	Alert data
<b>Syntax</b>	Octet String
<b>Access</b>	Read-only





## SNMP Traps

SNMP is frequently used to monitor systems for fault conditions such as temperature violations, hard drive failures, and so on. Management applications can monitor for these conditions by polling the appropriate OIDs with the Get command and analyzing the returned data. This method has its drawbacks. If it is done frequently, significant amounts of network bandwidth can be consumed. If it is done infrequently, the response to the fault condition may not occur in a timely fashion. SNMP traps avoid these limitations of the polling method.

An SNMP trap is an asynchronous event indicating that something significant has occurred. This is analogous to a pager receiving an important message, except that the SNMP trap frequently contains all the information needed to diagnose a fault.

Two drawbacks to SNMP traps are that they are sent using UDP, which is not a guaranteed delivery mechanism, and that they are not acknowledged by the receiver.

An SNMP trap message contains the trap's enterprise OID, the agent IP address, a generic trap ID, the specific trap ID, a time stamp, and zero or more variable bindings (varbinds). The combination of an enterprise OID and a specific trap ID uniquely identifies each Server Administrator-defined trap. A varbind consists of an OID and its value and provides additional information about the trap.

In order for a management system to receive SNMP traps from a managed system, the node must be configured to send traps to the management system. Trap destination configuration is dependent on the operating system. When this configuration is done, a management application on the management system can wait for traps and act on them when received.

For a list of traps supported by the Server Administrator Instrumentation Service, see Instrumentation Traps. For information on Server Administrator Storage Management traps, see Storage Management Alert Reference.

For a list of traps supported by the Remote Access Controller, see RAC Traps, BMC Traps and iDRAC7 Traps.

## Trap Variables

This section describes the variables both on Traditional and Enhanced varbinds that are sent to the management console to provide additional information about a trap or alert generated by some event on your system. The trap variables presented here apply to all Instrumentation and RAC traps. Trap variables are sent in the order listed and are reserved for use only in traps. When a varbind is created for a trap variable, a zero is appended to the object ID (OID) to create the OID for the varbind.

The messages associated with each alertMessage varbind are available in the *Message Reference Guide* and can be found by matching the alert ID in the MIB to the event ID in the *Message Reference Guide*.

**Table 1913. Trap Variables**

<b>Variable Name</b>	alertSystem
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.1
<b>Description</b>	Identifies the system generating the alert.
<b>Syntax</b>	DisplayString

**Table 1914. Table Index OID**

<b>Variable Name</b>	alertTableIndexOID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.2
<b>Description</b>	Specifies the object identifier for the index attribute in the table that contains the object causing the alert. Uniquely identifies the object causing the alert and can be used to correlate different alerts caused by the same object.
<b>Syntax</b>	OBJECT IDENTIFIER

**Table 1915. Message**

<b>Variable Name</b>	alertMessage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.3
<b>Description</b>	Describes the alert.
<b>Syntax</b>	DisplayString

**Table 1916. Current Status**

<b>Variable Name</b>	alertCurrentStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.4
<b>Description</b>	Specifies the current status of the object causing the alert.
<b>Syntax</b>	DellStatus

**Table 1917. Previous Status**

<b>Variable Name</b>	alertPreviousStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.5
<b>Description</b>	Specifies the previous status of the object causing the alert.
<b>Syntax</b>	DellStatus

**Table 1918. Data**

<b>Variable Name</b>	alertData
<b>Object ID</b>	1.3.6.1.4.1.674.10892.1.5000.10.6
<b>Description</b>	Provides Server Administrator-defined data related to the alert.
<b>Syntax</b>	Octet String

The following variables show the Enhanced varbinds:

**Table 1919. Message ID**

<b>Variable Name</b>	alertMsgID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.4.5000.10.7
<b>Description</b>	Specifies the enhanced message ID for the object generating the alert.

**Syntax** DisplayString

**Table 1920. System FQDN**

**Variable Name** alertSystemFQDN  
**Object ID** 1.3.6.1.4.1.674.10892.4.5000.10.8  
**Description** Specifies fully qualified domain name of the system generating the alert.  
**Syntax** DisplayString

**Table 1921. Service Tag**

**Variable Name** alertServiceTag  
**Object ID** 1.3.6.1.4.1.674.10892.4.5000.10.9  
**Description** Specifies the system service tag of the system generating the alert.  
**Syntax** DisplayString

**Table 1922. Chassis Service Tag**

**Variable Name** alertChassisServiceTag  
**Object ID** 1.3.6.1.4.1.674.10892.4.5000.10.10  
**Description** Specifies the chassis service tag of the system generating the alert.  
**Syntax** DisplayString

## Understanding The Trap Description

The below table lists in alphabetical order each line item that may appear in the trap description.

**Table 1923. Trap Description**

Description Line Item	Explanation
Action performed was: <Action>	Specifies the automatic server recovery action that was performed, for example: Action performed was: Power cycle
Action requested was: <Action>	Specifies the user initiated host control action that was requested, for example: Action requested was: Reboot, shutdown OS first
Additional details: <Additional details for the events>	Specifies possible additional details about the specified device, for example: Additional details: Memory device: DIMM_1A Serial number: 11111111 Memory device: DIMM_1B Serial number: 22222222
<Additional power supply status information>	Specifies any additional power supply information pertaining to the event, for example: Power supply input AC is off, Power supply POK (power OK) signal is not normal, Power supply is turned off
Battery sensor status: <status>	Specifies the status reported by the battery sensor, for example: Battery sensor status: Predictive failure

Description Line Item	Explanation
Chassis intrusion state: <Intrusion state>	Specifies the chassis intrusion state (open or closed), for example: Chassis intrusion state: Open
Chassis location: <Name of chassis>	Specifies the name of the chassis that generated the message, for example: Chassis location: Main System Chassis
Configuration error type: <type of configuration error>	Specifies the type of configuration error that occurred, for example: Configuration error type: Revision mismatch
Current sensor value (in Amps): <Reading>	Specifies the current sensor value in amps, for example: Current sensor value: 7.853
Date and time of action: <Date and time>	Specifies the date and time that an automatic server recovery action was performed, for example: Date and time of action: Fri May 30 23:55:44 2003.
Description: <Description of event>	Specifies the description of the event that occurred, for example: Description: Chipset Err: Critical Event sensor, front panel NMI / diagnostic interrupt was asserted.
Device location: <Location in chassis>	Specifies the location of the device in the specified chassis, for example: Device location: Mem Card A
Discrete current state: <State>	Specifies the state of the current sensor, for example: Discrete current state: Good
Discrete temperature state: <State>	Specifies the state of the temperature sensor, for example: Discrete temperature state: Good
Discrete voltage state: <State>	Specifies the state of the voltage sensor, for example: Discrete voltage state: Good
Fan sensor value: <Reading>	Specifies the fan speed in revolutions per minute (RPMs) or On/Off, for example: Fan sensor value (in RPM): 2600 Fan sensor value: Off
Log type: <Log type>	Specifies the type of hardware log, for example: Log type: Embedded Server Management (ESM)
Memory device bank location: <Bank name in chassis>	Specifies the name of the memory bank in the system that generated the message, for example: Memory device bank location: Bank_1
Memory device location: <Device name in chassis>	Specifies the location of the memory module in the chassis, for example: Memory device location: DIMM_A
Number of devices required for full redundancy: <Number>	Specifies the number of power supply or cooling devices required to achieve full redundancy, for example: Number of devices required for full redundancy: 4
Peak value (in Watts): <Reading>	Specifies the peak value in Watts, for example: Peak value (in Watts): 125

Description Line Item	Explanation
Possible memory module event cause: <list of causes>	Specifies a list of possible causes for the memory module event, for example: Possible memory module event cause: Single bit warning error rate exceeded Single bit error logging disabled
Power Supply type: <type of power supply>	Specifies the type of power supply, for example: Power Supply type: VRM
Pre-failure state was: <State>	Specifies the status of the previous memory message, for example: Pre-failure state was: Failed
Previous redundancy state was: <State>	Specifies the status of the previous redundancy message, for example: Previous redundancy state was: Lost
Previous state was: <State>	Specifies the previous state of the sensor, for example: Previous state was: OK (Normal)
Processor sensor status: <status>	Specifies the status of the processor sensor, for example: Processor sensor status: Configuration error
Redundancy unit: <Redundancy location in chassis>	Specifies the location of the redundant power supply or cooling unit in the chassis, for example: Redundancy unit: Fan Enclosure
SD card device type: <Type of SD card device>	Specifies the type of SD card device, for example: SD card device type: Hypervisor
SD card state: <State of SD card>	Specifies the state of the SD card, for example: SD card state: Present, Failed
Sensor location: <Location in chassis>	Specifies the location of the sensor in the specified chassis, for example: Sensor location: CPU1
Temperature sensor value (in degrees Celsius): <Reading>	Specifies the temperature in degrees Celsius, for example: Temperature sensor value (in degrees Celsius): 30
Voltage sensor value (in Volts): <Reading>	Specifies the voltage sensor value in volts, for example: Voltage sensor value: 1.693


## Understanding Trap Severity

Traps often contain information about values recorded by probes or sensors. Probes and sensors monitor critical components for values such as amperage, voltage, and temperature. When an event occurs on your system, the Server Administrator sends information about one of the following event types to the system management console:

- **Information/Informational**—An event that describes the successful operation of a unit, such as a power supply turning on or a sensor reading returning to normal.
- **Warning** — An event that is not necessarily significant, but may indicate a possible future problem, such as crossing a warning threshold.
- **Critical/Error** — A significant event that indicates actual or imminent loss of data or loss of function, such as crossing a failure threshold or a hardware failure.

# RAC Traps

This section describes the traps that are generated by the SNMP agent of the Remote Access Controller (RAC). All of the enterprise-specific traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.674.10892.2 and are sent with all of the trap variables documented in the section [Traps](#) . The trap variables are sent in the order in which they are listed.

 **NOTE:** The PowerEdge M1000e CMC and PowerEdge VRTX CMC do not generate the traps in this section. They generate the traps documented in the CMC Traps.

**Table 1924. RAC Traps**

TrapID	Name	Description	Severity	Category	Cause	Supported by RAC Platform
0	CodeStart	SNMP agent is initializing itself	Information	Status	RAC power on or reset.	All
1	Authentication	Failure Request received with an invalid community name	Critical	Error	SNMP request with an invalid community name.	All
1001	alertDrscTest TrapEvent	The RAC generated a test trap event in response to a user request	Information	Status	A test SNMP trap generated by a RAC.	All
1002	alertDrscAuth Error	RAC Authentication failures during a time period have exceeded a threshold	Minor	Error	RAC login failure caused by authentication failure, number of concurrent logins exceed limit, or permission denied.	All
1015	alertDrscSEL	Warning The RAC has detected a new event in the System Event Log with Severity: Warning	Major	Error	RAC detected a new system event log with warning severity (detailed log info is in drsAlert Message varbind).	All
1016	alertDrscSEL	Critical The RAC has detected a new event in the System Event Log with Severity: Critical	Critical	Error	RAC detected a new system event log with critical severity (detailed log info is in drsAlert Message varbind).	All

TrapID	Name	Description	Severity	Category	Cause	Supported by RAC Platform
1017	alertDrscSEL80 percentFull	The RAC system event log is 80% full	Major	Status	RAC detected system event log is 80% full.	All
1018	alertDrscSEL90 percentFull	The RAC system event log is 90% full	Major	Status	RAC detected system event log is 90% full.	All
1018	alertDrscSEL90 percentFull	The RAC system event log is 90% full	Major	Status	RAC detected system event log is 90% full.	All
1020	alertDrscSEL Normal	The RAC has detected a new event in the System Event Log with Severity: Normal	Information	Error	RAC detected a new system event log with normal severity (detailed log info is in drsAlert Message varbind).	All

## PowerEdge M1000e CMC Traps

This section describes the traps that are generated by the SNMP agent of the PowerEdge M1000e CMC. All of the enterprise-specific traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.674.10892.2 and are sent with the following trap variables: drsProductChassisName, drsProductChassisLocation, drsGlobalCurrStatus, drsCASubSystem, drsCASSCurrStatus, drsCASSPrevStatus, drsCASSChangeTime and drsCAMessage. The trap variables are defined in the [Dell Remote Access Controller Out-of-Band Group](#) section.

**Table 1925. PowerEdge M1000e CMC traps**

TrapID	Name	Description	Severity	Category
2000	alertCMCTestTrap	CMC has generated a test trap.	Informational	Error Events
2002	alertCMCNormalTrap	CMC reported a return-to-normal or informational event.	Normal	Error Events
2003	alertCMCWarningTrap	CMC reported a warning event.	Warning	Error Events
2004	alertCMCCriticalTrap	CMC reported a critical event.	Critical	Error Events
2005	alertCMCNonRecoverableTrap	CMC reported a catastrophic event.	Non-Recoverable	Error Events

## PowerEdge VRTX CMC Traps

This section defines the traps that are generated by the SNMP agent of the PowerEdge VRTX CMC. All of the enterprise-specific traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.674.10892.2.21 and are sent with the following trap variables: drsCA2MessageID, drsCA2Message, drsCA2MessageArgs, drsCA2AlertStatus,

drsCA2FQDD, drsProductChassisName, drsProductChassisLocation, drsChassisServiceTag and drsGlobalCurrStatus. The trap variables are defined in the [Dell Remote Access Controller Out-of-Band Group](#) section.

## System Trap Group

The System Trap Group contains traps that fall under the System event category.

**Table 1926. Amperage Probe Traps**

TrapID	Description	Category	SubCategory	Severity
alert2AmperageProbeNormal				
2179	Current sensor reading is within range.	Status Events	Amperage	Informational
alert2AmperageProbeWarning				
2178	Current sensor has detected a warning value.	Status Events	Amperage	Minor
alert2AmperageProbeFailure				
2177	Current sensor has detected a failure value.	Error Events	Amperage	Critical

**Table 1927. Battery Traps**

TrapID	Description	Category	SubCategory	Severity
alert2BatteryNormal				
2227	Battery state has returned to normal; or battery presence had been detected.	Status Events	Battery	Informational
alert2BatteryWarning				
2226	Battery is low.	Status Events	Battery	Minor
alert2BatteryFailure				
2225	Battery has failed or battery is absent.	Error Events	Battery	Critical

**Table 1928. Cable Traps**

TrapID	Description	Category	SubCategory	Severity
alert2CableFailure				
2393	Cable failure.	Error Events	Cable	Critical



**Table 1929. CMC Traps**

TrapID	Description	Category	SubCategory	Severity
alert2CMCWarning				
2546	Chassis Management Controller detected a warning.	Status Events	CMC	Minor
alert2CMCFailure				
2545	Chassis Management Controller detected an error.	Error Events	CMC	Critical

**Table 1930. Fan Traps**

TrapID	Description	Category	SubCategory	Severity
alert2FanInformation				
2155	Fan information.	Status Events	Fan	Informational
alert2FanWarning				
2154	Fan warning.	Status Events	Fan	Minor
alert2FanFailure				
2153	Fan failure.	Error Events	Fan	Critical

**Table 1931. Hardware Configuration Traps**

TrapID	Description	Category	SubCategory	Severity
alert2HardwareConfigurationInformation				
2331	Hardware configuration information.	Status Events	Hardware Configuration	Informational
alert2HardwareConfigurationWarning				
2330	Hardware configuration warning.	Status Events	Hardware Configuration	Minor
alert2HardwareConfigurationFailure				
2329	Hardware configuration failure or critical event.	Error Events	Hardware Configuration	Critical

**Table 1932. IO Virtualization Traps**

TrapID	Description	Category	SubCategory	Severity
alert2IOVirtualizationWarning				
2554	IO Virtualization warning.	Status Events	IO Virtualization	Minor
alert2IOVirtualizationFailure				
2553	IO Virtualization failure or critical event.	Error Events	IO Virtualization	Critical

**Table 1933. Link Status Traps**

TrapID	Description	Category	SubCategory	Severity
alert2LinkStatusInformation				
2251	Link status information.	Status Events	Link Status	Informational
alert2LinkStatusFailure				
2249	Link status failure or critical event.	Error Events	Link Status	Critical

**Table 1934. Power Supply Traps**

TrapID	Description	Category	SubCategory	Severity
alert2PowerSupplyNormal				
2187	Power supply has returned to normal.	Status Events	Power Supply	Informational
alert2PowerSupplyWarning				
2186	Power supply has detected a warning.	Status Events	Power Supply	Minor
alert2PowerSupplyFailure				
2185	Power supply has detected a failure.	Error Events	Power Supply	Critical

**Table 1935. Power Supply Absent Trap**

TrapID	Description	Category	SubCategory	Severity
alert2PowerSupplyAbsent				
2465	Power supply is absent.	Error Events	Power Supply	Critical

**Table 1936. Redundancy Traps**

TrapID	Description	Category	SubCategory	Severity
alert2RedundancyInformation				
2475	Redundancy information.	Status Events	Redundancy	Informational
alert2RedundancyDegraded				
2474	Redundancy is degraded.	Status Events	Redundancy	Minor
alert2RedundancyLost				
2473	Redundancy is lost.	Error Events	Redundancy	Critical

**Table 1937. Security Event Traps**

TrapID	Description	Category	SubCategory	Severity
alert2SecurityInformation				
2387	Security information.	Status Events	Security	Informational
alert2SecurityFailure				
2385	Security failure or critical event.	Error Events	Security	Critical

**Table 1938. System Event Log Traps**

TrapID	Description	Category	SubCategory	Severity
alert2SystemEventLogInformation				
2379	System Event Log information.	Status Events	System Event Log	Informational
alert2SystemEventLogWarning				
2378	System Event Log warning.	Status Events	System Event Log	Minor
alert2SystemEventLogFailure				
2377	System Event Log failure or critical event.	Error Events	System Event Log	Critical

**Table 1939. Software Configuration Traps**

TrapID	Description	Category	SubCategory	Severity
alert2SoftwareConfigurationInformation				
2339	Software configuration information.	Status Events	Software Configuration	Informational
alert2SoftwareConfigurationWarning				
2338	Software configuration warning.	Status Events	Software Configuration	Minor

**Table 1940. Temperature Probe Traps**

TrapID	Description	Category	SubCategory	Severity
alert2TemperatureProbeNormal				
2163	Temperature sensor value is within range.	Status Events	Temperature	Informational
alert2TemperatureProbeWarning				
2162	Temperature sensor has detected a warning value.	Status Events	Temperature	Minor
alert2TemperatureProbeFailure				
2161	Temperature sensor has detected a failure value.	Error Events	Temperature	Critical

**Table 1941. Voltage Probe Traps**

TrapID	Description	Category	SubCategory	Severity
alert2VoltageProbeNormal				
2171	Voltage sensor reading is within range.	Status Events	Voltage	Informational
alert2VoltageProbeWarning				
2170	Voltage sensor has detected a warning value.	Status Events	Voltage	Minor
alert2VoltageProbeFailure				
2169	Voltage sensor has detected a failure value.	Error Events	Voltage	Critical

## Storage Trap Group

The Storage Trap Group contains traps that fall under the Storage event category.

**Table 1942. Storage Battery Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageBatteryInformation				
4275	Storage battery information.	Error Events	Battery	Informational
alert2StorageBatteryWarning				
4274	Storage battery warning.	Error Events	Battery	Minor
alert2StorageBatteryFailure				
4273	Storage battery failure.	Error Events	Battery	Critical

**Table 1943. Storage Controller Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageControllerInformation				
4331	Storage controller information.	Error Events	Controller	Informational
alert2StorageControllerWarning				
4330	Storage controller warning.	Error Events	Controller	Minor
alert2StorageControllerFailure				
4329	Storage controller failure.	Error Events	Controller	Critical

**Table 1944. Storage Enclosure Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageEnclosureInformation				
4339	Storage enclosure information.	Error Events	Enclosure	Informational

TrapID	Description	Category	Subcategory	Severity
alert2StorageEnclosureWarning				
4338	Storage enclosure warning.	Error Events	Enclosure	Minor
alert2StorageEnclosureFailure				
4337	Storage enclosure failure.	Error Events	Enclosure	Critical

**Table 1945. Storage Fan Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageFanInformation				
4203	Storage fan information.	Error Events	Fan	Informational
alert2StorageFanWarning				
4202	Storage fan warning.	Status Events	Fan	Minor
alert2StorageFanFailure				
4201	Storage fan failure.	Error Events	Fan	Critical

**Table 1946. Storage Physical Disk Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StoragePhysicalDiskInformation				
4347	Storage physical disk information.	Error Events	Physical Disk	Informational
alert2StoragePhysicalDiskWarning				
4346	Storage physical disk warning.	Error Events	Physical Disk	Minor
alert2StoragePhysicalDiskFailure				
4345	Storage physical disk failure.	Error Events	Physical Disk	Critical

**Table 1947. Storage Power Supply Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StoragePowerSupplyInformation				
4235	Storage power supply information.	Error Events	Power Supply	Informational
alert2StoragePowerSupplyWarning				
4234	Storage power supply warning.	Error Events	Power Supply	Minor
alert2StoragePowerSupplyFailure				
4233	Storage power supply failure.	Error Events	Power Supply	Critical

**Table 1948. Storage Management Status Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageManagementInformation				
4179	Storage Management information. There is no global status change associated with this trap.	Error Events	Storage Management	Informational
alert2StorageManagementWarning				
4178	Storage Management has detected a device independent warning condition. There is no global status change associated with this trap.	Error Events	Storage Management	Minor
alert2StorageManagementFailure				
4177	Storage Management has detected a device independent error condition. There is no global status change associated with this trap.	Error Events	Storage Management	Critical

**Table 1949. Storage Temperature Probe Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageTemperatureProbeInformation				
4211	Storage temperature probe information.	Error Events	Temperature Probe	Informational
alert2StorageTemperatureProbeWarning				
4210	Storage temperature probe warning.	Error Events	Temperature Probe	Minor
alert2StorageTemperatureProbeFailure				
4209	Storage temperature probe failure.	Error Events	Temperature Probe	Critical

**Table 1950. Storage Virtual Disk Traps**

TrapID	Description	Category	Subcategory	Severity
alert2StorageVirtualDiskInformation				
4355	Storage virtual disk information.	Error Events	Virtual Disk	Informational
alert2StorageVirtualDiskWarning				
4354	Storage virtual disk warning.	Error Events	Virtual Disk	Minor
alert2StorageVirtualDiskFailure				

TrapID	Description	Category	Subcategory	Severity
4353	Storage Virtual disk failure.	Error Events	Virtual Disk	Critical

## Audit Traps

The Audit Trap group contains traps that fall under the Audit event category.

**Table 1951. Audit CMC Traps**

TrapID	Description	Category	SubCategory	Severity
alert2CMCAuditInformation				
8691	Chassis Management Controller audit information.	Status Events	CMC	Informational
alert2CMCAuditWarning				
8690	Chassis Management Controller audit warning.	Status Events	CMC	Minor
alert2CMCAuditFailure				
8689	Chassis Management Controller audit failure or critical event.	Error Events	CMC	Critical

**Table 1952. Audit License Traps**

TrapID	Description	Category	SubCategory	Severity
alert2LicenseInformation				
8515	License information.	Status Events	License	Informational
alert2LicenseWarning				
8514	License warning.	Status Events	License	Minor
alert2LicenseFailure				
8513	License failure.	Error Events	License	Critical

**Table 1953. Audit Power Usage Traps**

TrapID	Description	Category	SubCategory	Severity
alert2PowerUsageAuditWarning				
8418	Power usage audit warning.	Status Events	Power Usage	Minor
alert2PowerUsageAuditFailure				
8417	Power usage audit failure or critical event.	Error Events	Power Usage	Critical

## Configuration Traps

The Configuration Trap group contains traps that fall under the Configuration event category.

**Table 1954. Configuration IO Virtualization Traps**

TrapID	Description	Category	SubCategory	Severity
alert2IOVConfigurationInformation				
10747	IO virtualization configuration information.	Status Events	IO Virtualization	Informational

**Table 1955. Configuration Test Traps**

TrapID	Description	Category	SubCategory	Severity
alert2CMCTestTrap				
10395	Test trap generated by CMC in response to a user request.	Status Events	Test	Informational

## BMC Traps

The BMC monitors the system for critical events by communicating with various sensors on the system board and by sending alerts and log events when certain parameters exceed their preset thresholds. All of the traps documented in this section belong to the MIB enterprise identified by OID 1.3.6.1.4.1.3183.1.1.1.

TrapID	Description	Severity
262402	Generic Critical Fan Failure	Critical
262530	Generic Critical Fan Failure Cleared	Information
131330	Under-Voltage Problem (Lower Critical - going low)	Critical
131458	Under-Voltage Problem Cleared	Information
131841	Generic Critical Voltage Problem	Critical
131840	Generic Critical Voltage Problem Cleared	Information
65792	Under-Temperature Warning (Lower non-critical, going low)	Warning
65920	Under-Temperature Warning Cleared	Information
65794	Under-Temperature Problem (Lower Critical - going low)	Critical
65922	Under-Temperature Problem Cleared	Information
65799	Over-Temperature warning (Upper non-critical, going high)	Minor
65927	Over-Temperature warning Cleared	Information
65801	Over-Temperature Problem (Upper Critical - going high)	Critical
65929	Over-Temperature Problem Cleared	Information



<b>TrapID</b>	<b>Description</b>	<b>Severity</b>
131328	Under-Voltage Warning (Lower Non Critical - going low)	Warning
131456	Under-Voltage Warning Cleared	Information
131330	Under-Voltage Problem (Lower Critical - going low)	Critical
131458	Under-Voltage Problem Cleared	Information
131335	Over-Voltage Warning (Upper Non Critical - going high)	Warning
131463	Over-Voltage Warning Cleared	Information
131337	Over-Voltage Problem (Upper Critical - going high)	Critical
131465	Over-Voltage Problem Cleared	Information
131841	Generic Critical Voltage Problem	Critical
131840	Generic Critical Voltage Problem Cleared	Information
356096	Chassis Intrusion - Physical Security Violation	Critical
356224	Chassis Intrusion (Physical Security Violation) Event Cleared	Information
262400	Generic Predictive Fan Failure (predictive failure asserted)	Minor
262528	Generic Predictive Fan Failure Cleared	Information
262402	Generic Critical Fan Failure	Critical
262530	Generic Critical Fan Failure Cleared	Information
264962	Fan redundancy has been degraded	Warning
264961	Fan Redundancy Lost	Critical
264960	Fan redundancy has returned to Normal	Information
2715392	Battery Low (Predictive Failure)	Warning
2715520	Battery Low (Predictive Failure) Cleared	Information
2715393	Battery Failure	Critical
2715521	Battery Failure Cleared	Information
487169	CPU Thermal Trip (Over Temperature Shutdown)	Critical

<b>TrapID</b>	<b>Description</b>	<b>Severity</b>
487297	CPU Thermal Trip (Over Temperature Shutdown) Cleared	Information
487168	CPU Internal Error Critical 487296 CPU Internal Error Cleared	Information
487173	CPU Configuration Error	Critical
487301	CPU Configuration Error Cleared	Information
487175	CPU Presence (Processor Presence detected)	Information
487303	CPU Not Present (Processor Not Present)	Critical
487170	CPU BIST (Built In Self Test) Failure	Critical
487298	CPU BIST (Built In Self Test) Failure Cleared	Information
487176	CPU Disabled (Processor Disabled)	Critical
487304	CPU Enabled (Processor Enabled)	Information
487178	CPU Throttle (Processor Speed Reduced)	Warning
487306	CPU Throttle Cleared (Normal Processor Speed)	Information
527106	Power Supply Redundancy Degraded	Warning
527105	Power Supply Redundancy Lost	Critical
527104	Power Supply Redundancy has returned to Normal	Information
552704	Power Supply Inserted	Information
552832	Power Supply Removed	Warning
552705	Power Supply Failure	Critical
552833	Power Supply Failure Cleared	Information
552706	Power Supply Warning	Warning
552834	Power Supply Warning Cleared	Information
552707	Power Supply AC Lost	Critical
552835	Power Supply AC Restored	Information
789249	Memory Redundancy has been Lost	Critical
789248	Memory redundancy has returned to Normal	Information
1076994	System Event Log (SEL) Cleared	Information

<b>TrapID</b>	<b>Description</b>	<b>Severity</b>
1076996	System Event Log (SEL) Full (Logging Disabled)	Critical
2322176	ASR (Automatic System Recovery) Timer Expired	Critical
2322177	ASR (Automatic System Recovery) Reset Occurred	Critical
2322178	ASR (Automatic System Recovery) Power Down Occurred	Critical
2322179	ASR (Automatic System Recovery) Power Cycle Occurred	Critical




# Storage Management Alert Reference

Storage Management's alert or event management features let you monitor the health of storage resources such as controllers, connectors, array disks, and virtual disks.

## Alert Monitoring and Logging

The Storage Management Service performs alert monitoring and logging. By default, the Storage Management Service starts when the managed system starts up. If you stop the Disk Management Service, then alert monitoring and logging stops. Alert monitoring does the following:

- Updates the status of the storage object that generated the alert.
- Propagates the storage object's status to all the related higher objects in the storage hierarchy. For example, the status of a lower-level object are propagated up to the status displayed on the Health tab for the top-level storage object.
- Logs an alert into the Alert log and Microsoft Windows application log.
- Sends an Simple Network Management Protocol (SNMP) trap if the operating system's SNMP service is installed and enabled.

 **NOTE:** Storage Management does not log alerts regarding the data I/O path. These alerts are logged by the respective RAID drivers in the system alert log.

## Viewing Alerts

Storage Management generates alerts that are added to the Windows application alert log and to the Server Administrator Alert log. To view these alerts in Server Administrator:

1. Select the **System** object in the tree view.
2. Select the **Logs** tab.
3. Select the **Alert** subtab.

You can also view these alerts in the Windows Event Viewer. Every alert consists of the following:

- **Severity** — Shows the severity of alert.
- **Date and Time** — Date and time when Storage Management logged the alert.
- **Description** — A brief description of the alert. To expand or collapse the alert description, click the **Description** column heading.

## Alert Severity Levels


Each alert message in the Storage Management alert log has a severity level which indicates the nature of the alert and is displayed in the **Severity** field of the alert message. The severity level indicates the nature of the alert.

**Table 1956. Storage Management Alert Severity**

<b>Alert Severity</b>	<b>Component Status</b>
OK/Normal/Informational	No action is required. The alert is provided for informational purposes and does not indicate an error condition. For example, the alert may indicate the normal start or stop of an operation.
Warning/Non-critical	A component requires attention. This alert indicates a potential problem, but does not necessarily mean that the system has currently lost data or is nonfunctional. For example, a Warning/Non-critical alert may indicate that a component (such as a temperature probe in an enclosure) has crossed a warning threshold.
Critical/Failure/Error	A component has either failed or failure is imminent. This alert indicates a serious problem such as data loss or a loss of function. For example, a Critical/Failure/Error alert may indicate that an array disk has failed.

## SNMP Support for Storage Management Alerts

By default, Storage Management installs SNMP trap forwarding support. For this support to function, you should have SNMP installed on the managed system prior to installing Storage Management.

 **NOTE:** For more information on installation requirements and SNMP, see the *Server Administrator* documentation.

### SNMP Trap Forwarding


The Storage Management alerts are displayed in the Server Administrator alert log and are forwarded to the Windows application alert log. If you have SNMP installed on the managed system (and the SNMP service is running), the Storage Management alerts in the Windows application alert log are forwarded as SNMP traps. In order for these traps to be viewable, however, a target system or application must be configured to receive these traps. SNMP traps that are generated by Storage Management can be viewed in any standard SNMP-compatible enterprise management console.

The Windows SNMP service must be configured to forward the SNMP traps to the target system or application. When forwarding to an application, the application should also be configured to receive the SNMP traps. The IT Assistant application is already configured to receive the SNMP traps generated by Storage Management.

See Windows operating system documentation for information on configuring the operating system to forward SNMP traps. This information may be located under such topics as **Setting up SNMP** or **SNMP traps**. When configuring SNMP for Windows, be sure that the SNMP traps are forwarded to the correct server. For information on configuring an application to receive SNMP traps, see the documentation for that application.

### SNMP Trap Definitions

The Storage Management information base (MIB) defines the SNMP traps that Storage Management generates. These traps correspond to the alerts documented in the Alert Descriptions and Corrective Actions section. The MIB is located in `..\sm\mibs\dcstorag.mib`, a subdirectory of the Storage Management installation directory.

 **NOTE:** Storage Management supports trap forwarding on both 32-bit and 64-bit operating systems.

## Trap Variables

The Storage Management SNMP traps use a set of variables that are included with every trap. Below mentioned variables are the Traditional Varbinds:

**Table 1957. Message ID Event**

<b>Name</b>	messageIDEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.1
<b>Description</b>	Storage Management alert (event) message number.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1958. Description Event**

<b>Name</b>	descriptionEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.2
<b>Description</b>	Storage Management event message text describing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1959. Location Event**

<b>Name</b>	locationEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.3
<b>Description</b>	Additional information identifying the location of the object causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1960. Object Name Event**

<b>Name</b>	objectNameEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.4
<b>Description</b>	Name of the object as represented in Storage Management causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1961. Object OID Event**

<b>Name</b>	objectOIDEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.5
<b>Description</b>	MIB OID of the object causing the alert.

<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1962. Object Nexus Event**

<b>Name</b>	objectNexusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.6
<b>Description</b>	Durable, unique ID of the object causing the alert.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1963. Current Status Event**

<b>Name</b>	currentStatusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.7
<b>Description</b>	Current status of object causing the alert, if applicable.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

**Table 1964. Previous Status Event**

<b>Name</b>	previousStatusEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.8
<b>Description</b>	Previous status of object causing the alert if applicable.
<b>Syntax</b>	DellStatus
<b>Access</b>	Read-only

The below table shows the new enhanced mode varbinds which would be available in the EEMI were the user can get both Traditional and Enhanced varbinds :

**Table 1965. Enhanced Message ID Event**

<b>Name</b>	enhancedMessageIDEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.9
<b>Description</b>	Enhanced Message ID of object causing the alert if applicable.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1966. Enhanced System FQDN Event**

<b>Name</b>	systemFQDNEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.10



<b>Description</b>	Hostname of object causing the alert if applicable.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1967. Enhanced Service Tag Event**

<b>Name</b>	serviceTagEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.11
<b>Description</b>	Service Tag of object causing the alert if applicable.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

**Table 1968. Enhanced Chassis Service Tag Event**

<b>Name</b>	chassisServiceTagEvent
<b>Object ID</b>	1.3.6.1.4.1.674.10893.1.20.200.12
<b>Description</b>	Chassis Service Tag of object causing the alert if applicable.
<b>Syntax</b>	DisplayString
<b>Access</b>	Read-only

## Viewing SNMP Traps

SNMP traps that are generated by Storage Management can be viewed in any standard SNMP-compatible enterprise management console. These traps are defined in the Storage Management MIB. These traps correspond to the alerts documented in the [Alert Descriptions and Corrective Actions](#) section. For more information on the MIB and its structure, as well as a change history of the SNMP traps, see the [Introduction](#) section. For more information on configuring SNMP, see [Support for Storage Management Alerts](#).

## Alert Descriptions and Corrective Actions


The alerts generated by the redundant array of independent disks (RAID) or Small Computer System Interface (SCSI) controllers and supported by Storage Management are displayed in the Server Administrator Alert subtab or through Windows Event Viewer. These alerts can also be forwarded as SNMP traps to other applications.

SNMP traps that are generated for the alerts are included in the Storage Management MIB. The SNMP traps for these alerts use all of the SNMP trap variables. For the list of storage management alerts and storage management messages, see the *Dell OpenManage Server Administrator Messages Reference Guide* available on the Dell Support website at [dell.com/support/manuals](http://dell.com/support/manuals).



## iDRAC7 MIB

The Integrated Dell Remote Access Controller (iDRAC) MIB (filename **iDRAC-SMIv1.mib/ iDRAC-SMIv2.mib**) is the MIB supported by the Integrated Dell Remote Access Controller 7 (iDRAC7). This MIB provides management data that allows you to monitor devices and software on a system via an out-of-band connection to the iDRAC7 of a system.

 **NOTE:** As of iDRAC7 firmware release r1.30.30 (which corresponds to the release of Dell OpenManage Server Administrator Version 7.2), the iDRAC7 MIB file is published in both types of SMI (Structure of Managed Information) notations: SMIv1 and SMIv2. The SMIv1 copy of the iDRAC7 MIB file is named iDRAC-SMIv1.mib. And the SMIv2 copy is named iDRAC-SMIv2.mib. Prior to iDRAC7 firmware release r1.30.30, only a SMIv1 copy was published. And the file name of the SMIv1 copy was **iDRAC-MIB.txt**

## Supported Systems

The iDRAC7 MIB is supported on the following systems:

### Blade Servers

- PowerEdge M420
- PowerEdge M520
- PowerEdge M620
- PowerEdge M820


### Rack and Tower Servers


- PowerEdge R320
- PowerEdge R420
- PowerEdge R520
- PowerEdge R620
- PowerEdge R720
- PowerEdge R720XD
- PowerEdge R820
- PowerEdge T320
- PowerEdge T420
- PowerEdge T620

## iDRAC7 Supported SNMP Versions

The following table identifies the SNMP version(s) that are supported by iDRAC7 for the given SNMP operations.

SNMP Operations	Supported SNMP version
GET, GETNEXT, GETBULK	SNMP v1 , v2c and v3
TRAP	SNMP v1 and SNMP v2c

 **NOTE:** iDRAC7 does not support the SNMP SET operation for any data

 **NOTE:** As of iDRAC7 firmware release r1.30.30, iDRAC7 supports SNMP query operations (GET, GETNEXT, GETBULK) via the SNMPv3 protocol, in addition to supporting query operations via the SNMP v1 and SNMP v2c protocols. More specifically, iDRAC7 now supports the SNMP User Security Model (USM).

## iDRAC7 SNMP Data Security Features

As of iDRAC7 firmware release r1.30.30, iDRAC7 supports the following data security features:

- SNMP security lockout feature
  - iDRAC7 supports a simply, non-configurable SNMP security lockout feature. If more than six SNMPv3 USM authentication failures occur within a 2 minute window, then the iDRAC7 SNMP Agent will block all subsequent SNMPv3 requests/queries for 10 minutes.
- Restriction of access to “sensitive” data
  - Some of the MIB data that iDRAC7 supports can only be accessed via SNMPv3 queries. Access to such data is blocked for SNMPv1 and SNMPv2c queries.
  - Currently, the following one attribute, and one table, are considered to be “sensitive” data and have this restriction:
    - \* numLCLogEntries (which has an SNMP OID of: 1.3.6.1.4.1.674.10892.5.4.300.2.0)
    - \* lcLogTable (which has an SNMP OID of: 1.3.6.1.4.1.674.10892.5.4.300.90)

## iDRAC7 Out-of-Band Group

The objects of the Integrated Dell Remote Access Controller (iDRAC) MIB (**iDRAC-MIB.txt**) are organized into subgroups of the iDRAC7 Out-of-Band Group. The subgroups are:

- RAC Information Group
- Chassis Information Group
- System Information Group
- Status Group
- System Details Group
- Storage Details Group

The following sections document the subgroups and the objects within each subgroup.

### RAC Information Group

The RAC Information Group objects provide information about the iDRAC.

**Table 1969. RAC Name**

<b>Name</b>	racName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.1.0

<b>Description</b>	This attribute defines the product name of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1970. RAC Name**

<b>Name</b>	racShortName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.2.0
<b>Description</b>	This attribute defines the short product name of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1971. RAC Description**

<b>Name</b>	racDescription
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.3.0
<b>Description</b>	This attribute defines the product description of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1972. RAC Manufacturer**

<b>Name</b>	racManufacturer
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.4.0
<b>Description</b>	This attribute defines the product manufacturer of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1973. RAC Version**

<b>Name</b>	racVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.5.0
<b>Description</b>	This attribute defines the product version of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1974. RAC URL**

<b>Name</b>	racURL
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.6.0
<b>Description</b>	This attribute defines the out-of-band UI URL of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1975. RAC Type**


<b>Name</b>	racType
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.7.0
<b>Description</b>	This attribute defines the type of a remote access card.
<b>Syntax</b>	RacTypeEnum
<b>Access</b>	Read-only

**Table 1976. RAC Firmware Version**

<b>Name</b>	racFirmwareVersion
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.1.8.0
<b>Description</b>	This attribute defines the firmware version of a remote access card.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

## Chassis Information Group

The Chassis Information Group objects provide information about the modular chassis in which a blade system resides.

 **NOTE:** This Chassis information is only available for modular/blade systems. For Rack and Tower systems, the information is empty. Currently there is just one object under the Chassis Information Group.

**Table 1977. Chassis Service Tag**

<b>Name</b>	chassisServiceTag
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.2.1.0
<b>Description</b>	This attribute defines the service tag of the enclosing chassis.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

## System Information Group

The System Information Group objects provide information about the system in which the iDRAC resides.

**Table 1978. System Fully Qualified Domain Name**

<b>Name</b>	systemFQDN
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.1.0
<b>Description</b>	This attribute defines the fully qualified domain name of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1979. System Service Tag**

<b>Name</b>	systemServiceTag
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.2.0

<b>Description</b>	This attribute defines the service tag of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1980. System Express Service Code**

<b>Name</b>	<code>systemExpressServiceCode</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.3.0
<b>Description</b>	This attribute defines the express service code of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1981. System Asset Tag**

<b>Name</b>	<code>systemAssetTag</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.4.0
<b>Description.</b>	This attribute defines the asset tag of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1982. System Blade Slot Number**

<b>Name</b>	<code>systemBladeSlotNumber</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.5.0
<b>Description</b>	This attribute defines the slot number of the blade in the chassis.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1983. System Operating System Name**

<b>Name</b>	<code>systemOSName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.6.0
<b>Description</b>	This attribute defines the name of the operating system that the host is running.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1984. System Form Factor**

<b>Name</b>	<code>systemFormFactor</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.7.0
<b>Description</b>	This attribute defines the form factor of the system.
<b>Syntax</b>	SystemFormFactorEnum
<b>Access</b>	Read-only

**Table 1985. System Data Center Name**

<b>Name</b>	systemDataCenterName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.8.0
<b>Description</b>	This attribute defines the Data Center locator of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1986. System Aisle Name**

<b>Name</b>	systemAisleName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.9.0
<b>Description</b>	This attribute defines the Aisle locator of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1987. System Rack Name**

<b>Name</b>	systemRackName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.10.0
<b>Description</b>	This attribute defines the Rack locator of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1988. System Rack Slot**

<b>Name</b>	systemRackSlot
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.11.0
<b>Description</b>	This attribute defines the Rack Slot locator of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1989. System Model Name**

<b>Name</b>	systemModelName
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.12.0
<b>Description</b>	This attribute defines the model name of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1990. System System ID**

<b>Name</b>	systemSystemID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.13.0



<b>Description</b>	This attribute defines the system ID of the system.
<b>Syntax</b>	Unsigned16BitRange
<b>Access</b>	Read-only

**Table 1991. System OS Version**

<b>Name</b>	<code>systemOSVersion</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.14.0
<b>Description</b>	This attribute defines the version of the operating system that the host is running.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1992. System Room Name**

<b>Name</b>	<code>systemRoomName</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.15.0
<b>Description</b>	This attribute defines the Room locator of the system.
<b>Syntax</b>	StringType
<b>Access</b>	Read-only

**Table 1993. System Chassis System Height**

<b>Name</b>	<code>systemChassisSystemHeight</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.16.0
<b>Description</b>	This attribute defines the height of the system, in 'U's. A U is a standard unit of measure for the height of a rack or rack-mountable component.
<b>Syntax</b>	INTEGER
<b>Access</b>	Read-only

**Table 1994. System Blade Geometry**

<b>Name</b>	<code>systemBladeGeometry</code>
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.1.3.17.0
<b>Description</b>	This attribute defines the blade geometry for a blade system. (If not applicable, a 'no such name' error is returned.)
<b>Syntax</b>	BladeGeometryEnum
<b>Access</b>	Read-only

## Status Group

The Status Group objects provide status information about the system and storage.

#### Table 1995. Global System Status

<b>Name</b>	globalSystemStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.2.1.0
<b>Description</b>	This attribute defines the overall rollup status of all components in the system being monitored by the remote access card.
<b>Syntax</b>	ObjectStatusEnum
<b>Access</b>	Read-only

#### Table 1996. System LCD Status

<b>Name</b>	systemLCDStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.2.2.0
<b>Description</b>	This attribute defines the system status as it is reflected by the LCD front panel. Not all system components may be included.
<b>Syntax</b>	ObjectStatusEnum
<b>Access</b>	Read-only

#### Table 1997. Global Storage Status

<b>Name</b>	globalStorageStatus
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.2.3.0
<b>Description</b>	This attribute defines the overall storage status being monitored by the remote access card.
<b>Syntax</b>	ObjectStatusEnum
<b>Access</b>	Read-only

#### Table 1998. System Power State

<b>Name</b>	systemPowerState
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.2.4.0
<b>Description</b>	This attribute defines the power state of the system.
<b>Syntax</b>	PowerStateStatusEnum
<b>Access</b>	Read-only


## Systems Details Group

The Systems Details Group contains objects and tables that provide detailed information about the system in which the iDRAC7 resides.

 **NOTE:** See the iDRAC7 MIB file for details of the objects and tables supported under the Systems Details Group.

## Storage Details Group

The Storage Details Group contains tables that provide detailed information about the external storage subsystem of the system in which iDRAC7 resides.

 **NOTE:** See the iDRAC7 MIB file for details of the tables supported under the Storage Details Group.

## iDRAC7 Traps

The iDRAC7 generates events that result in Simple Network Management Protocol (SNMP) traps and/or entries in the iDRAC7 Lifecycle Log. This section describes the traps, also known as alerts, generated by the iDRAC7.


The iDRAC7 generates events in response to changes in the status of sensors and other monitored parameters. When an event with predefined characteristics occurs on your system, the SNMP subagent sends information about the event, along with trap variables, to the management console.

Each event generates an identifier called the trap ID and a list of trap variables that provide additional details about the event. The trap variables are listed in the following on [Trap Variables](#).

The traps of the iDRAC7 MIB are organized into five subgroups of traps. Each subgroup corresponds to one of the five categories of events that iDRAC7 supports (the **System Health, Storage Health, Updates, Audit, and Configuration** categories). Here is a list of the trap subgroups are:

- System Trap Group
- Storage Trap Group
- Updates Trap Group
- Audit Trap Group
- Configuration Trap Group

The trap subgroups, and all the traps within each trap subgroup, are described and listed in sections following the [Trap Variables](#) section.

 **NOTE:** The traps listed in this document can be correlated to specific events that are documented in the *Dell Event Message Reference* guide. There is 1-to-many relationship between SNMP traps and events in iDRAC7. To correlate a trap to a specific event or set of events, you can match the **Trap ID** value of a trap in this document to the **Trap/Event ID** value of events in the *Dell Event Message Reference* guide.

## Trap Variables

This section lists the six variables that are sent with iDRAC7 traps to provide additional information about a trap or alert generated by some event on the system. The trap variables presented here apply to all iDRAC7 traps. The trap variables are sent in the order listed and are reserved for use only in traps.

**Table 1999. Alert Message ID**

<b>Variable Name</b>	alertMessageID
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.3.1.1.0
<b>Description</b>	Message ID of the event.
<b>Syntax</b>	DisplayString (SIZE (0..8))
<b>Access</b>	Read-only

**Table 2000. Alert Message**

<b>Variable Name</b>	alertMessage
<b>Object ID</b>	1.3.6.1.4.1.674.10892.5.3.1.2.0
<b>Description</b>	Message describing the alert.

**Syntax** StringType

**Table 2001. Alert Current Status**

**Variable Name** alertCurrentStatus  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.3.0  
**Description** Current status of object causing the alert, if applicable.  
**Syntax** ObjectStatusEnum  
**Access** Read-only

**Table 2002. Alert System Service Tag**

**Variable Name** alertSystemServiceTag  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.4.0  
**Description** Service tag of the system.  
**Syntax** DisplayString (SIZE (0..16))

**Table 2003. Alert System FQDN**

**Variable Name** alertSystemFQDN  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.5.0  
**Description** Fully qualified domain name of the system.  
**Syntax** StringType

**Table 2004. Alert FQDD**

**Variable Name** alertFQDD  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.6.0  
**Description** Fully qualified device descriptor of the device.  
**Syntax** DisplayString (SIZE (0..512))

**Table 2005. Alert Device Display Name**

**Variable Name** alertDeviceDisplayName  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.7.0  
**Description** Display name of the device/FQDD  
**Syntax** DisplayString (SIZE (0..512))

**Table 2006. Alert Message Arguments**

**Variable Name** alertMessageArguments  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.8.0  
**Description** Concatenated set of strings representing the message arguments of the event. Each message argument string is enclosed in double quotes, and there is a comma after the ending double quote of each message argument string, except

the last one. Any double quotes found within a message argument string are preprocessed and changed to single quotes.

**Syntax** StringType

**Table 2007. Alert Chassis Service Tag**

**Variable Name** alertChassisServiceTag  
**Object ID** 1.3.6.1.4.1.674.10892.5.3.1.9.0  
**Description** For blade systems, the service tag of the enclosing chassis. For rack and tower systems, this varbind will be empty (zero length).  
**Syntax** DisplayString (SIZE (0..16))

## System Trap Group

The System Trap Group contains traps that fall under the *System Health* event category of the iDRAC7. System Health traps are traps those are generally generated in response to events related to the hardware of the system in which an iDRAC7 resides.

**Table 2008. Amperage Probe Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Amperage Probe Normal</b>				
2179	Current sensor reading is within range.	System Health	Amperage	Informational
<b>Amperage Probe Warning</b>				
2178	Current sensor has detected a warning value.	System Health	Amperage	Minor
<b>Amperage Probe Failure</b>				
2177	Current sensor has detected a failure value.	System Health	Amperage	Critical

**Table 2009. Automatic System Recovery Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Automatic System Recovery</b>				
2233	Automatic system recovery (ASR) was performed.	System Health	Auto Sys Reset	Critical

**Table 2010. Battery Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Battery Normal</b>				
2227	Battery state has returned to normal; or battery presence had been detected.	System Health	Battery Event	Informational

TrapID	Description	Category	SubCategory	Severity
<b>Battery Warning</b>				
2226	Battery is low.	System Health	Battery Event	Minor
<b>Battery Failure</b>				
2225	Battery has failed or battery is absent.	System Health	Battery Event	Critical

**Table 2011. Processor Device Status Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Processor DeviceStatus Normal</b>				
2243	Processor device status has returned to normal.	System Health	Processor	Informational
<b>ProcessorDeviceStatusWarning</b>				
2242	Processor device status has detected a warning.	System Health	Processor	Minor
<b>ProcessorDeviceStatusFailure</b>				
2241	Processor device status has detected a failure.	System Health	Processor	Critical

**Table 2012. Processor Device Absent Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Processor Device Absent</b>				
2457	Processor device is absent.	System Health	Proc Absent	Critical

**Table 2013. Fan Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Fan Information</b>				
2155	Fan information.	System Health	Fan Event	Informational
<b>Fan Warning</b>				
2154	Fan warning.	System Health	Fan Event	Minor
<b>Fan Failure</b>				
2153	Fan failure.	System Health	Fan Event	Critical

**Table 2014. Fiber Channel Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Fiber Channel Information</b>				
2539	Fiber Channel information.	System Health	Fiber Channel	Informational

TrapID	Description	Category	SubCategory	Severity
<b>Fiber Channel Warning</b>				
2538	Fiber Channel warning.	System Health	Fiber Channel	Minor
<b>Fiber Channel Failure</b>				
2537	Fiber Channel failure or critical event.	System Health	Fiber Channel	Critical

**Table 2015. Hardware Configuration Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Hardware Configuration Information</b>				
2331	Hardware configuration information.	System Health	Hardware Config	Informational
<b>Hardware Configuration Warning</b>				
2330	Hardware configuration warning.	System Health	Hardware Config	Minor
<b>Hardware Configuration Failure</b>				
2329	Hardware configuration failure or critical event.	System Health	Hardware Config	Critical

**Table 2016. Memory Device Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Memory Device Information</b>				
2267	Memory device informational event.	System Health	Memory	Informational
<b>Memory Device Warning</b>				
2266	Memory device status is noncritical.	System Health	Memory	Minor
<b>Memory Device Failure</b>				
2265	Memory device status is critical.	System Health	Memory	Critical

**Table 2017. NIC Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Network Information</b>				
2091	Network information.	System Health	NIC Config	Informational
<b>Network Warning</b>				
2090	Network warning.	System Health	NIC Config	Minor
<b>Network Failure</b>				

TrapID	Description	Category	SubCategory	Severity
2089	Network failure or critical event.	System Health	NIC Config	Critical

**Table 2018. Operation System ("OS") Event Traps**

TrapID	Description	Category	SubCategory	Severity
<b>OS Information</b>				
2411	An OS graceful stop occurred; or an OS graceful shut-down occurred.	System Health	OS Event	Informational
<b>OS Failure</b>				
2409	A critical stop occurred during OS load; or a runtime critical stop occurred.	System Health	OS Event	Critical

**Table 2019. PCI Device Traps**

TrapID	Description	Category	SubCategory	Severity
<b>PCI Device Information</b>				
2419	An informational event was detected for a PCI device.	System Health	PCI Device	Informational
<b>PCI Device Warning</b>				
2418	A warning event was detected for a PCI device.	System Health	PCI Device	Minor
<b>PCI Device Failure</b>				
2417	An error was detected for a PCI device.	System Health	PCI Device	Critical

**Table 2020. Physical Disk Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Physical Disk Information</b>				
2299	Physical disk information.	System Health	Physical Disk	Informational
<b>Physical Disk Warning</b>				
2298	Physical disk warning.	System Health	Physical Disk	Minor
<b>Physical Disk Failure</b>				
2297	Physical disk failure.	System Health	Physical Disk	Critical



**Table 2021. BIOS POST Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Bios Post Failure</b>				
2425	System BIOS detected a failure.	System Health	BIOS POST	Critical

**Table 2022. Power Supply Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Power Supply Normal</b>				
2187	Power supply has returned to normal.	System Health	Power Supply	Informational
<b>Power Supply Warning</b>				
2186	Power supply has detected a warning.	System Health	Power Supply	Minor
<b>Power Supply Failure</b>				
2185	Power supply has detected a failure.	System Health	Power Supply	Critical

**Table 2023. Power Supply Absent Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Power Supply Absent</b>				
2465	Power supply is absent.	System Health	PSU Absent	Critical

**Table 2024. Power Usage Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Power Usage Information</b>				
2275	System performance restored.	System Health	Power Usage	Informational
<b>Power Usage Warning</b>				
2274	System performance degraded.	System Health	Power Usage	Minor
<b>Power Usage Failure</b>				
2273	The system halted because system power exceeds capacity; or the system performance degraded because power draw exceeds the power threshold.	System Health	Power Usage	Critical

**Table 2025. Redundancy Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Redundancy Information</b>				
2475	Redundancy information.	System Health	Redundancy	Informational
<b>Redundancy Degraded</b>				
2474	Redundancy is degraded.	System Health	Redundancy	Minor
<b>Redundancy Lost</b>				
2473	Redundancy is lost.	System Health	Redundancy	Critical

**Table 2026. Integrated Dual SD Module Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Integrated Dual SD Module Information</b>				
2211	Integrated Dual SD Module information.	System Health	IDSDM Media	Informational
<b>Integrated Dual SD Module Warning</b>				
2210	Integrated Dual SD Module warning.	System Health	IDSDM Media	Minor
<b>Integrated Dual SD Module Failure</b>				
2297	Integrated Dual SD Module failure.	System Health	IDSDM Media	Critical

**Table 2027. Integrated Dual SD Module Absent Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Integrated Dual SD Module Absent</b>				
2481	Integrated Dual SD Module is absent.	System Health	IDSDM Absent	Critical

**Table 2028. Integrated Dual SD Module Redundancy Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Integrated Dual SD Module Redundancy Information</b>				
2491	Integrated Dual SD Module redundancy information.	System Health	IDSDM Redundancy	Informational
<b>Integrated Dual SD Module Redundancy Degraded</b>				
2490	Integrated Dual SD Module redundancy is degraded.	System Health	IDSDM Redundancy	Minor
<b>Integrated Dual SD Module Redundancy Lost</b>				

TrapID	Description	Category	SubCategory	Severity
2489	Integrated Dual SD Module redundancy is lost.	System Health	IDSDM Redundancy	Critical

**Table 2029. Security Event Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Security Information</b>				
2387	Security information.	System Health	Security Event	Informational
<b>Security Failure</b>				
2385	Security failure or critical event.	System Health	Security Event	Critical

**Table 2030. System Event Log Traps**

TrapID	Description	Category	SubCategory	Severity
<b>System Event Log Information</b>				
2379	System Event Log information.	System Health	Sys Event Log	Informational
<b>System Event Log Warning</b>				
2378	System Event Log warning.	System Health	Sys Event Log	Minor
<b>System Event Log Failure</b>				
2377	System Event Log failure or critical event.	System Health	Sys Event Log	Critical

**Table 2031. Temperature Probe Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Temperature Probe Normal</b>				
2163	Temperature sensor value is within range.	System Health	Temperature	Informational
<b>Temperature Probe Warning</b>				
2162	Temperature sensor has detected a warning value.	System Health	Temperature	Minor
<b>Temperature Probe Failure</b>				
2161	Temperature sensor has detected a failure value.	System Health	Temperature	Critical

**Table 2032. Temperature Statistics Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Temperature Statistics Warning</b>				
2522	Temperature has been above the warning or critical threshold	System Health	Temperature Statistics	Minor

TrapID	Description	Category	SubCategory	Severity
	level for a long enough period of time to be considered in a warning state.			
<b>Temperature Statistics Failure</b>				
2521	Temperature has been above the warning or critical threshold level for a long enough period of time to be considered in a critical state.	System Health	Temperature Statistics	Critical

**Table 2033. vFlash Media Device Traps**

TrapID	Description	Category	SubCategory	Severity
<b>vFlash Media Device Information</b>				
2507	vFlash Media device information.	System Health	vFlash Event	Informational
<b>vFlash Media Device Warning</b>				
2506	vFlash Media device warning.	System Health	vFlash Event	Minor
<b>vFlash Media Device Failure</b>				
2505	vFlash Media device failure.	System Health	vFlash Event	Critical

**Table 2034. vFlash Media Device Absent Trap**

TrapID	Description	Category	SubCategory	Severity
<b>vFlash Media Device Absent</b>				
2515	vFlash Media device is absent.	System Health	vFlash Absent	Informational

**Table 2035. Voltage Probe Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Voltage Probe Normal</b>				
2171	Voltage sensor reading is within range.	System Health	Voltage	Informational
<b>Voltage Probe Warning</b>				
2170	Voltage sensor has detected a warning value.	System Health	Voltage	Minor
<b>Voltage Probe Failure</b>				
2169	Voltage sensor has detected a failure value.	System Health	Voltage	Critical

## Storage Trap Group

The Storage Trap Group contains traps that fall under the Storage event category of iDRAC7. Storage traps are traps generated in response to events related to the external storage subsystem of the system in which iDRAC7 resides.

**Table 2036. Battery Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Battery Normal</b>				
4275	Battery state has returned to normal; or battery presence has been detected.	Storage	Battery Event	Informational
<b>Battery Warning</b>				
4274	Battery is low.	Storage	Battery Event	Minor
<b>Battery Failure</b>				
4273	Battery has failed or battery is absent.	Storage	Battery Event	Critical

**Table 2037. Controller Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Storage Controller Information</b>				
4331	Controller information.	Storage	Storage Contr	Informational
<b>Storage Controller Warning</b>				
4330	Controller warning.	Storage	Storage Contr	Minor
<b>Storage Controller Failure</b>				
4329	Controller failure.	Storage	Storage Contr	Critical

**Table 2038. Enclosure Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Storage Enclosure Information</b>				
4339	Enclosure information.	Storage	Storage Enclosr	Informational
<b>Storage Enclosure Warning</b>				
4338	Enclosure warning.	Storage	Storage Enclosr	Minor
<b>Storage Enclosure Failure</b>				
4337	Enclosure failure.	Storage	Storage Enclosr	Critical

**Table 2039. Fan Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Storage Fan Information</b>				
4203	Fan information.	Storage	Fan Event	Informational
<b>Storage Fan Warning</b>				

TrapID	Description	Category	SubCategory	Severity
4202	Fan warning.	Storage	Fan Event	Minor
<b>Storage Fan Failure</b>				
4201	Fan failure.	Storage	Fan Event	Critical

Table 2040. Physical Disk Traps

TrapID	Description	Category	SubCategory	Severity
<b>Storage Physical Disk Information</b>				
4347	Physical disk information.	Storage	Physical Disk	Informational
<b>Storage Physical Disk Warning</b>				
4346	Physical disk warning.	Storage	Physical Disk	Minor
<b>Storage Physical Disk Failure</b>				
4345	Physical disk failure.	Storage	Physical Disk	Critical

Table 2041. Power Supply Traps

TrapID	Description	Category	SubCategory	Severity
<b>Storage Power Supply Information</b>				
4235	Power supply information.	Storage	Power Supply	Informational
<b>Storage Power Supply Warning</b>				
4234	Power supply warning.	Storage	Power Supply	Minor
<b>Storage Power Supply Failure</b>				
4233	Power supply failure.	Storage	Power Supply	Critical

Table 2042. Storage Management Status Traps

TrapID	Description	Category	SubCategory	Severity
<b>Storage Management Information</b>				
4179	Storage Management information. There is no global status change associated with this trap.	Storage	Storage	Informational
<b>Storage Management Warning</b>				
4178	Storage Management has detected a device independent warning condition. There is no global status change associated with this trap.	Storage	Storage	Minor
<b>Storage Management Failure</b>				
4177	Storage Management has detected a device independent error condition. There is no global status change associated with this trap.	Storage	Storage	Critical

**Table 2043. Temperature Probe Traps**


TrapID	Description	Category	SubCategory	Severity
<b>Storage Temperature Probe Information</b>				
4211	Temperature probe information.	Storage	Temperature	Informational
<b>Storage Temperature Probe Warning</b>				
4210	Temperature probe warning.	Storage	Temperature	Minor
<b>Storage Temperature Probe Failure</b>				
4209	Temperature probe failure.	Storage	Temperature	Critical

**Table 2044. Virtual Disk Trap**

TrapID	Description	Category	SubCategory	Severity
<b>Storage VirtualDisk Information</b>				
4355	Virtual disk information.	Storage	Virtual Disk	Informational
<b>Storage Virtual Disk Warning</b>				
4354	Virtual disk warning.	Storage	Virtual Disk	Minor
<b>Storage Virtual Disk Failure</b>				
4353	Virtual disk failure.	Storage	Virtual Disk	Critical

## Updates Trap Group

The Updates Trap Group contains traps that fall under the **Updates** event category of iDRAC7. Updates traps are traps generated in response to events related to firmware/driver upgrades/downgrades.

 **NOTE:** Currently there are no Update traps.

## Audit Trap Group

The Audit Trap Group contains traps that fall under the **Audit** event category of iDRAC7. Audit traps are traps generated in response to audit-type events of iDRAC7, such as authorizing of debugging, changes to iDRAC7 license state, power state changes, etc.

**Table 2045. Debug Traps**

TrapID	Description	Category	SubCategory	Severity
<b>Debug Information</b>				
8595	Debug authorized.	Audit	Debug	Informational
<b>DebugWarning</b>				
8594	Debug authorization failed.	Audit	Debug	Minor

**Table 2046. iDRAC IP Address Change Trap**

TrapID	Description	Category	SubCategory	Severity
<b>iDRAC IP Address Change</b>				
8499	iDRAC IP address has changed.	Audit	DRAC IP Address	Informational

**Table 2047. License Traps**

TrapID	Description	Category	SubCategory	Severity
<b>License Information</b>				
8515	License information.	Audit	Licensing	Informational
<b>License Warning</b>				
8514	License warning.	Audit	Licensing	Minor
<b>License Failure</b>				
8513	License failure.	Audit	Licensing	Critical

**Table 2048. System Power State Change Trap**

TrapID	Description	Category	SubCategory	Severity
<b>System Power State Change Information</b>				
8579	Host is going through a power state change (powering on or powering off).	Audit	System Info	Informational

## Configuration Trap Group

The Configuration Trap Group contains traps that fall under the **Configuration** event category of the iDRAC7. Configuration traps are traps generated in response to events related to hardware configuration changes and software configuration changes.

TrapID	Description	Category	SubCategory	Severity
<b>Test Trap Event</b>				
10395	The iDRAC generated a test trap event in response to a user request.	Configuration	Test Alert	Informational



## Standard Data Type Definitions

This appendix contains definitions for data types that are standard in most contexts across the information technology industry. These are the most common data types for describing variable values defined in the **10892.mib**, **dcs3rmt.mib** and **dcs3fru.mib** files. Server Administrator-specific variable values are defined in the last section of the section in which they are introduced.

### Common Data Types

Common data types include several types of strings, the object range, signed and unsigned bit ranges, and the familiar Boolean (true or false) data type.

**Table 2049. Common Data Types**

Variable Name:	Definition
DellString	DisplayString (SIZE (0..64))
DellSecurityString	DisplayString (SIZE (0..255))
DellCostofOwnershipString	DisplayString (SIZE (0..64))
DellObjectRange	INTEGER (1..128)
DellUnsigned8BitRange	INTEGER (1..256)
DellUnsigned16BitRange	INTEGER (1..65535)
DellUnsigned32BitRange	INTEGER (1..2147483647)
DellSigned32BitRange	INTEGER (-2147483647..2147483647)
DellBoolean	INTEGER (0..1 (FALSE = 0, TRUE = 1))

### Variables with Data Types of State Capabilities and State Capabilities Unique

Variables with definitions of *<variable name>StateCapabilities* or *<variable name>StateCapabilitiesUnique* are integers representing a series of bit definitions. They are NOT enumerations and should be treated as bit fields. The value is passed as a decimal value. The decimal value should be converted to hex and the appropriate bits should be parsed from hex. Some of the more common bit combinations are defined in some variables, but not all combinations are or will be defined.

**Table 2050. Dell State Capabilities**

Variable Name:	Meaning of Data Value
DellStateCapabilities	
Data Type: Integer	
Possible Data Values	
if set to zero(0)	The object has no capabilities.

unknownCapabilities (1)	The object's capabilities are unknown.
enableCapable (2)	The object can be disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).
notReadyCapable (4)	The object is not ready.
enableAndNotReadyCapable (6)	Enable and not ready capable.

**Table 2051. Dell State Settings**

**Variable Name:** DellStateSettings

**Data Type:** Integer

**Possible Data Values**

if set to zero(0)

unknown(1)

enabled(2)

notReady(4)

enableAndNotReady(6)

**Meaning of Data Value**

The object has no settings capabilities and its state is disabled.

The object's state is unknown.

The object's state is disabled (offline, a binary 0 value) or enabled (online, a binary 1 value).

The object is not ready.

The object is enabled and not ready.

**Table 2052. Dell Probe Capabilities**

**Variable Name:** DellProbeCapabilities

**Data Type:** Integer

**Possible Data Values**

if set to zero(0)

upperNonCriticalThresholdSetCapable(1)

lowerNonCriticalThresholdSetCapable(2)

upperNonCriticalThresholdDefaultCapable(4)

lowerNonCriticalThresholdDefaultCapable(8)

**Meaning of Data Value**

The object has no capabilities.

The upper noncritical threshold can be set.

The lower noncritical threshold can be set.

The upper noncritical threshold can be set to default.

The lower noncritical threshold can be set to default.

## Dell Status Data Types

Status data types include DellStatus, DellStatusRedundancy, and DellStatusProbe.

**Table 2053. Dell Status**

**Variable Name:** DellStatus

**Data Type:** Integer

**Possible Data Values**

other (1)

unknown (2)

**Meaning of Data Value**

The object's status is not one of the following:

The object's status is unknown.

ok (3)	The object's status is OK.
nonCritical (4)	The object's status is warning, noncritical.
critical (5)	The object's status is critical (failure).
nonRecoverable (6)	The object's status is nonrecoverable (dead).

**Table 2054. Dell Status Redundancy**

**Variable Name:** DellStatusRedundancy

**Data Type:** Integer

**Possible Data Values**

- other (1)
- unknown (2)
- full (3)
- degraded (4)
- lost (5)
- notRedundant (6)

**Meaning of Data Value**

- The object's status is not one of the following:
- The object's redundancy status is unknown.
- The object is fully redundant.
- The object's redundancy has been degraded.
- The object's redundancy has been lost.
- Redundancy does not apply or it is not redundant.

**Table 2055. Dell Status Probe**

**Variable Name:** DellStatusProbe

**Data Type:** Integer

**Possible Data Values**

- other (1)
- unknown (2)
- ok (3)
- nonCriticalUpper (4)
- CriticalUpper (5)
- nonRecoverableUpper (6)
- nonCriticalLower (7)
- criticalLower (8)
- nonRecoverableLower (9)
- failed (10)

**Meaning of Data Value**

- The object's status is not one of the following:
- The status of the object is unknown.
- The status of the object is OK.
- The object is at the noncritical upper limit.
- The object is at the critical upper limit.
- The object is at the nonrecoverable upper limit.
- The object is at the noncritical lower limit.
- The object is at the critical lower limit.
- The object is at the nonrecoverable lower limit.
- The status of the object is failed.

## Dell Date

**Variable Name:** DellDate

**Data Type:** DellUnsigned64BitRange Octet String (SIZE(8))

The DellDate definition is required because SNMP V1 does not support 64-bit ranges. The information sent back by this subagent has the most significant byte of the information as the first byte. For example, the hex address 0x1029384754657687 is sent as hex: 0001 0000 0010 1001 0011 1000 0100 0111 ... Byte 1 Byte 2 Byte 3 Byte 4.

## Full Dates

**Variable Name:** DellDateName

**Data Type:** DisplayString DisplayString (SIZE (25))

Full dates are defined in the ASCII format: *yyyyMMddhhmmss.uuuuuu+fff* or *yyyyMMddhhmmss.uuuuuu-fff*

where *yyyy* is the year, *MM* is the month, *dd* is the day, *hh* are the hours, *mm* are the minutes, and *ss* are the seconds. *uuuuuu* is the number of microseconds, and *+fff* or *-fff* is the offset from UTC in minutes. For example, Friday, October 31, 2001, at 6:05:19 PM CST would be represented as 20011031180519.000000-360.

The values are zero-padded, and if a valid value for a field is not deliverable, each character in the field is replaced with an asterisk (\*) character.



```

'\02\02\02\02\02\02'
1.3.6.1.4.1.674.10892.1.200.10.1.24.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.25.1 =
'\03\03\03\03\03\03'
1.3.6.1.4.1.674.10892.1.200.10.1.26.1 =
'\02\02\02\02'
1.3.6.1.4.1.674.10892.1.200.10.1.27.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.28.1 =
'\03\03\03\03'
1.3.6.1.4.1.674.10892.1.200.10.1.29.1 = '\02'
1.3.6.1.4.1.674.10892.1.200.10.1.30.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.31.1 = '\03'
1.3.6.1.4.1.674.10892.1.200.10.1.41.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.42.1 = 3
1.3.6.1.4.1.674.10892.1.200.10.1.43.1 = '\03'
1.3.6.1.4.1.674.10892.1.300.10.1.1.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.2.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.3.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.4.1 = 3
1.3.6.1.4.1.674.10892.1.300.10.1.5.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.6.1 = 23
1.3.6.1.4.1.674.10892.1.300.10.1.7.1 = 'Main System
Chassis'
1.3.6.1.4.1.674.10892.1.300.10.1.8.1 = 'Dell Inc.'
1.3.6.1.4.1.674.10892.1.300.10.1.9.1 = 'PowerEdge
2650'
1.3.6.1.4.1.674.10892.1.300.10.1.10.1 = 'ASSETTAG'
1.3.6.1.4.1.674.10892.1.300.10.1.11.1 = '1234567'
1.3.6.1.4.1.674.10892.1.300.10.1.12.1 = 254
1.3.6.1.4.1.674.10892.1.300.10.1.13.1 = 289
1.3.6.1.4.1.674.10892.1.300.10.1.14.1 = 4
1.3.6.1.4.1.674.10892.1.300.10.1.15.1 = 'SERVER01'
1.3.6.1.4.1.674.10892.1.300.10.1.16.1 =
'20050513095213.000000-360'
1.3.6.1.4.1.674.10892.1.300.10.1.17.1 =
'20050513100052.000000-360'
1.3.6.1.4.1.674.10892.1.300.10.1.18.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.19.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.20.1 = 'Please set
the value'
1.3.6.1.4.1.674.10892.1.300.10.1.21.1 = 3
1.3.6.1.4.1.674.10892.1.300.10.1.22.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.23.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.24.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.25.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.26.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.27.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.28.1 = 8
1.3.6.1.4.1.674.10892.1.300.10.1.29.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.30.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.31.1 = 15
1.3.6.1.4.1.674.10892.1.300.10.1.32.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.33.1 = 27
1.3.6.1.4.1.674.10892.1.300.10.1.34.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.35.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.36.1 = 480
1.3.6.1.4.1.674.10892.1.300.10.1.37.1 = 1
1.3.6.1.4.1.674.10892.1.300.10.1.38.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.39.1 = 2
1.3.6.1.4.1.674.10892.1.300.10.1.44.1 = 0
1.3.6.1.4.1.674.10892.1.300.10.1.45.1 = 0
1.3.6.1.4.1.674.10892.1.300.40.1.1.1.1 = 1

```

1.3.6.1.4.1.674.10892.1.300.40.1.2.1.1 = 1  
1.3.6.1.4.1.674.10892.1.300.40.1.3.1.1 = 8  
1.3.6.1.4.1.674.10892.1.300.40.1.4.1.1 = 2  
1.3.6.1.4.1.674.10892.1.300.40.1.5.1.1 = 'Log  
cleared'  
1.3.6.1.4.1.674.10892.1.300.40.1.6.1.1 = 2  
1.3.6.1.4.1.674.10892.1.300.40.1.7.1.1 = 3  
1.3.6.1.4.1.674.10892.1.300.40.1.8.1.1 =  
'20050513100047.000000-360'