Lifecycle Controller 2
Version 1.1.1
Release Notes

DELL

Release Type and Definition

Lifecycle Controller 2
An out-of-band mechanism for configuring the platform, applying firmware updates, saving a system inventory, or deploying an operating system, either by using a GUI or a remote scripting language. Lifecycle Controller 2 GUI provides advances embedded systems management and is delivered as part of Integrated Dell® Remote Access Controller 7 (iDRAC7) version 1.35.35. The GUI enables remote systems management in a one-to-one method.

Version
Lifecycle Controller 2 version 1.1.1

Release Date: January 2013

Previous Version
Lifecycle Controller 2 version 1.1

Importance

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system Modules (firmware, BIOS, drivers and software).

Platforms Affected

LC2 is supported on the following systems:
- PowerEdge T320
- PowerEdge R320
- PowerEdge T420
- PowerEdge R420
- PowerEdge M420
- PowerEdge R520
- PowerEdge M520
- PowerEdge T620
- PowerEdge R620
- PowerEdge M620
- PowerEdge R720
- PowerEdge R720xd
- PowerEdge R820
- PowerEdge M820

What is Supported?

License Requirements
- Software licensing has replaced hardware licensing. For more information, see the *iDRAC7 User's Guide*.
- Many features in Lifecycle Controller are licensed. You must install the required license to use these features. For more information, see the Introduction section in the *Lifecycle Controller 2 1.1 User's Guide*.

Supported Systems and Operating Systems

- Contact your service provider for the list of supported systems.
- For the list of PowerEdge systems and operating systems that can be deployed on the target systems, contact your service provider.
- For more information about supported versions of VMware ESX and ESXi on PowerEdge systems, contact your service provider.

Supported Web Browsers

Not applicable

What's New

Support for the Windows Server 2012 operating system.

Fixes

None for this release.

Important Notes

- The drivers exposed by Lifecycle Controller are present in a read-only drive, labeled OEMDRV, which are active for 18 hours. During this period:
    - You cannot update any DUP.
    - Lifecycle Controller cannot invoke CSIOR.

  However, if an AC power cycle (cold boot) is performed, the OEMDRV drive is automatically deleted.

- To log the update events in the Lifecycle Log, make sure that the installed versions of Lifecycle Controller and iDRAC are from the same release.

- If Lifecycle Controller and iDRAC are not from the same release, the Lifecycle Log displays blank messages and messages with a "~" character.

Known Issues

Issue 1

Description

If FlexAddress is enabled on Chassis Management Controllers, iDRAC and Lifecycle Controller do not display the same MAC addresses.

Resolution

To view the chassis-assigned MAC address, use the iDRAC Web interface or the CMC Web interface. Go to **General** > **Network Settings**.

Versions Affected

All Lifecycle Controller 2 supported Dell PowerEdge systems.

Issue 2

Description

Deployment of Windows operating system may intermittently stop with the following error message:

```
A required CD/DVD drive device driver is missing. If you have a driver floppy disk, CD, DVD,
or USB flash drive, please insert it now.
```

Resolution (only for logging on to iDRAC7 Web interface)

Reboot to Lifecycle Controller and retry until the operating system is successfully deployed.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Issue 3

Description

While deploying Windows Server 2008 R2 SP1 from **OS Deployment** of Lifecycle Controller, installation stops with the following error:
```
There is no disk in the drive. Please insert a disk into drive \Device\Harddisk0\DR0.
```

This issue may occur due to any of the following reasons:
- Virtual Media is in the attached state, with no media mapped.
- Virtual Media is in the auto-attached state, with media mapped.
- Virtual Media being presented by the AVCT SIP and Virtual Media from iDRAC7 in the detached state.
- The underlying cause may be due to failure to load drivers for RAID controllers on the system.

Note: It does not occur with Virtual Media in the detached state. It also does not occur without the SIP and with Virtual Media in the detached from iDRAC7.

Resolution

Retry the operation.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Issue 4

Description
Some of the supported components are not displayed on the Firmware Update-> View Current Versions page.

Resolution

Reboot the system and open View Current Versions page.

Versions/Systems Affected

All

Issue 5

Description

For an Intel(R) Ethernet X520 10GbE Dual Port KX4-KR Mezzanine card, after the firmware is downgraded from version 14.0.12 to version 13.5.6, the View Current Versions page displays the firmware version for the card as 5.6 instead of 13.5.6.

Resolution

Update the firmware by running the Update Package through the operating system.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitations

Limitation 1

Description

The following characters are supported for 'User Name' and 'Password':
- Digits (0–9)
- Alphanumeric (a–z, A–Z)
- Hyphen (-)

Note: For 'Domain Name', a period (.) is allowed. For example, 'x123.com'.

Versions/Systems Affected

All

Limitation 2

Description

While updating an iDRAC firmware by using a tool other than Lifecycle Controller, Lifecycle Controller must not be open, or running; because, it results in an unknown behavior. Use Lifecycle Controller after the firmware is successfully updated.

Versions/Systems Affected

All

Limitation 3

Description

If the iDRAC firmware update is interrupted for any reason, wait for 30 minutes before attempting another firmware update.

Versions/Systems Affected

All

Limitation 4

Description

Only Windows operating systems can be deployed on systems with a software RAID controller.

Versions/Systems Affected
All

Limitation 5

Description

Firmware update is supported for LAN on Motherbaords, Network Daughter Cards, network adapters from Broadcom, QLogic, and Intel, and some of the Qlogic and Emulex fiber channel cards. For the list of supported fiber channel cards, see Lifecycle Controller 2 User's Guide.

Versions/Systems Affected
Lifecycle Controller 2 version 1.1.1

Limitation 6

Description

After the CPLD firmware is updated on modular servers, the **View Current Versions** page in **Firmware Update** displays the firmware update date as Jan 1, 2000 regardless of the actual update date.

Versions/Systems Affected
Lifecycle Controller 2 version 1.1.1

Limitation 7

Description

Rollback is not supported for CPLD.

Versions/Systems Affected
Lifecycle Controller 2 version 1.1.1

Limitation 8

Description

After updating a license, to apply the license, ensure that you re-launch Lifecycle Controller.

Versions/Systems Affected
Lifecycle Controller 2 version 1.1.1

Limitation 9

Description

On some modular systems, after a Firmware Update, the **Lifecycle Log** displays the date in the time stamp as 1999-12-31, instead of the date on which Firmware Update was performed.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitation 10

Description

Windows Server 2012 does not support S110 software RAID controller.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitation 11

Description

The Emulex fiber channel card firmware cannot be rolled back from version 01.03.01 to version 01.01.06.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitation 12

Description

Lifecycle Controller cannot update Emulex FC card from version 1.01.06 to version 1.03.01.

Resolution

While updating from version 1.01.06 to version 1.03.01, run the Emulex firmware Update Package twice, and then reboot after each update.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitation 13

Description

Lifecycle Controller operating system driver pack contains the drivers for only supported FC cards. For the list of supported fiber channel cards, see Lifecycle Controller 2 User's Guide.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Limitation 14

Description

Dell software RAID S110 is currently not supported on Windows Server 2012.
For the latest updates about driver support, see en.community.dell.com/techcenter/os-applications/w/wiki/3872.dell-out-of-box-driver-support-for-windows-server-2012.aspx.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.1

Installation

Prerequisites

iDRAC7 version 1.35.35

Installation Procedure

Not Applicable

Contacting Dell

Note: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit **www.dell.com/support**.

2. Select your support category.

3. Verify your country or region in the **Choose a Country/Region** drop-down menu at the top of page.

4. Select the appropriate service or support link on the basis of your need.

For information about documentation support:

1. Go to **www.dell.com/support/manuals**.

2. Select **Choose from a list of all Dell products** and click **Continue**.

3. Click **Software, Monitors, Electronics & Peripherals** ->**Software**.

4. Click **Remote Enterprise System Management**, and then click the required product version to view the documents.