

Lifecycle Controller 2
Release 1.0
Version 1.0.8

Readme



Lifecycle Controller 2 GUI provides advanced embedded systems management and is delivered as part of Integrated Dell(R) Remote Access Controller 7 (iDRAC7) Version 1.20.20. The GUI enables systems management in a one-to-one method.

NOTE: For detailed information about Lifecycle Controller, see the documentation available at support.dell.com/manuals. On the **Manuals** page, click **Software > Systems Management > Dell Unified Server Configurator and Lifecycle Controller**. Select the relevant Lifecycle Controller release version and click on the appropriate link to access the documents. The latest Readme is also available at the same location.

What's New

None

Hardware and Software Requirements

License Requirements

- Software licensing has replaced hardware licensing. For more information, see the iDRAC7 User's Guide.
- The features such as Platform Restore and Part Replacement are licensed. You must install the required license to use these features. For more information, see Lifecycle Controller User's Guide.

Supported Systems and Operating Systems

- Lifecycle Controller 2 1.0.8 is supported on the following Dell systems:
 - Dell PowerEdge M620
 - Dell PowerEdge R620
 - Dell PowerEdge R720
 - Dell PowerEdge R720xd
 - Dell PowerEdge T620
 - Dell PowerEdge R820
 - Dell PowerEdge R420
 - Dell PowerEdge R320
 - Dell PowerEdge R520
 - Dell PowerEdge M520
 - Dell PowerEdge M420
 - Dell PowerEdge M820
 - Dell PowerEdge T420
 - Dell PowerEdge T320
- For the list of Dell systems and operating systems that can be deployed on the target systems, see the *Lifecycle Controller - Supported Dell Systems and Operating Systems* section in the *Dell Systems Software Support Matrix* available at support.dell.com/manuals. On the **Manuals** page, click **Software > Systems Management > Dell OpenManage Releases**. Select the relevant OpenManage release version and click **Dell System Software Support Matrix**.
- For more information on supported versions of VMware ESX and ESXi on Dell PowerEdge systems, see the VMware version-specific *VMware vSphere on Dell PowerEdge and Storage Systems Compatibility Matrix* at support.dell.com/manuals.

Supported Web Browsers

NA

Installation

Prerequisites

iDRAC7 version 1.20.20

Installation and Configuration Notes

NA

Upgrade

Only Lifecycle Controller 2 version 1.0.0 and later can be upgraded.

Rollback

NA

Uninstallation

NA

Notes

The drivers exposed by Lifecycle Controller are present in a read-only drive labeled OEMDRV, and the drive is active for 18 hours. During this period:

- Lifecycle Controller, drivers, or hardware diagnostics cannot be updated using a DUP.
- Lifecycle Controller cannot invoke CSIOR.

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

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 Affected

All

Limitation 2

Description

While updating iDRAC firmware 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 Affected

All

Limitation 3

Description

Using Platform Update, the components such as Complex Programmable Logic Device, Backplane, and Physical Disk cannot be updated. However, the **View Current Versions** table displays these components.

Versions Affected

Lifecycle Controller 2 version 1.0.8

Limitation 4

Description

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

Versions Affected

NA

Limitation 5

Description

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

Versions Affected

NA

Limitation 6

Description

Platform update is supported only for LAN On Motherboards, Network Daughter Cards, and network adapters from Broadcom, QLogic, and Intel.

Versions Affected

Lifecycle Controller 2 version 1.0.8

Limitation 7

Description

The Lifecycle Controller operating system driver pack does not contain drivers for Fibre Channel based network cards.

Versions Affected

Lifecycle Controller 2 version 1.0.8

Limitation 8

Description

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

Versions Affected

Lifecycle Controller 2 version 1.0.8

Limitation 9

Description

Lifecycle Controller does not support firmware update for Intel Ethernet X520 10GBE Dual Port KX4 Mezz Card.

Versions Affected

Lifecycle Controller 2 version 1.0.8

Open Issues and Resolutions

Issue 1

Description

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

Resolution

To view the chassis-assigned MAC address, use the iDRAC Web interface or the CMC Web interface.

Versions Affected

All

Issue 2

Description

Windows operating system deployment may intermittently fail 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

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

Versions Affected

Lifecycle Controller 2 version 1.0.8

Issue 3

Description

While deploying Windows 2008 R2 SP1 from Lifecycle Controller GUI > OS Deployment, installation terminates with the following error:

There is no disk in the drive. Please insert a disk into drive \Device\Harddisk0\DRO.

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

Resolution

Retry the operation.

Versions/Systems Affected

All Dell PowerEdge systems with iDRAC7 and Lifecycle Controller 2 version 1.0.8

Global Support

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