Dell Chassis Management
Controller
Version 4.31

Readme

This readme contains information for CMC 4.31.

The Dell Chassis Management Controller (CMC) is a hot-pluggable systems management hardware and software solution designed to provide the following functions for Dell PowerEdge M1000e chassis system:

- Remote management capabilities
- Power control
- Cooling control.

What's New

The following are the new features in this release:

- Includes features released in CMC 4.30
- Fixed propagation of CMC port speed setting to standby CMC, when not in auto-negotiate mode
- Security fix

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Hardware and Software Requirements

For information on Hardware and Software requirements see the *Dell Chassis Management Controller Firmware Version 4.30 User's Guide*.

Installation

For information on Installation see the *Dell Chassis Management Controller Firmware Version 4.30 User's Guide*.

Prerequisites

For information on Pre-requisites see the *Dell Chassis Management Controller Firmware Version 4.30 User's Guide*.

Supported Systems

CMC version 4.3 is supported on the following Dell PowerEdge(TM) systems in the Dell PowerEdge M1000e system enclosure:

- Dell PowerEdge M420
- Dell PowerEdge M520
- Dell PowerEdge M600
- Dell PowerEdge M605
- Dell PowerEdge M610
- Dell PowerEdge M610X
- Dell PowerEdge M620

- Dell PowerEdge M710
- Dell PowerEdge M710HD
- Dell PowerEdge M805
- Dell PowerEdge M820
- Dell PowerEdge M905
- Dell PowerEdge M910
- Dell PowerEdge M915

Supported Web Browsers

CMC version 4.3 is supported on the following web browsers:

- Microsoft Internet Explorer 7: Windows XP 32-bit SP3, Windows Vista SP2 x32 and x64, Windows Server 2003 SP2 x32 and x64, Windows Server 2008 SP2 x32 and x64.
- Microsoft Internet Explorer 8: Windows XP 32-bit SP3, Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2003 x32 and x64 SP2, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- Microsoft Internet Explorer 8 (x64): Windows Vista X64 SP2, Windows 7 x64, Windows Server 2003 x64 SP2, Windows Server 2008 x64, Windows Server 2008 R2 x64.
- Microsoft Internet Explorer 9: Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2008 R2 x64.
- Microsoft Internet Explorer 9 (x64): Windows Vista x64 SP2, Windows 7 x64, Windows Server 2008 R2 x64.
- Microsoft Internet Explorer 10: Windows 8 x32 and x64, Windows Server 2012 x32 and x64.
- Safari 5.2
- Mozilla Firefox 6.0: Windows XP 32-bit SP3, Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2003 x32 and x64 SP2, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- Mozilla Firefox 7.0: Windows XP 32-bit SP3, Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2003 x32 and x64 SP2, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- Mozilla Firefox 15.0: Windows XP 32-bit SP3, Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2003 x32 and x64 SP2, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- Mozilla Firefox 16.0: Windows XP 32-bit SP3, Windows Vista x32 and x64 SP2, Windows 7 x32 and x64, Windows Server 2003 x32 and x64 SP2, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.

Installation and Configuration Notes

For information on Installation and Configuration see the *Dell Chassis Management Controller Firmware Version 4.3 User's Guide*.

Upgrade

See the "Prerequisites" section for the proper version numbers. The modules should be updated in the following order:

1. BIOS

2. Lifecycle Controller

3. iDRAC6/iDRAC7

NOTE: Before you update the server component firmware modules listed above, you must update CMC firmware.

NOTE: To update firmware using Lifecycle Controller, iDRAC firmware must be of version 3.2 or greater.

If manually updating firmware using Dell Update Packages (DUPs), the firmware should be updated in the following order:

1. BIOS

2. Lifecycle Controller

3. iDRAC6/iDRAC7

NOTE: To update iDRAC firmware to 3.0 or greater from an iDRAC version less than 2.3, you must first update the iDRAC firmware to version 2.3 before updating to version 3.0 or greater.

Notes

While using the command "racadm config -f" with:

• CMC 3.21 or later versions of firmware, make sure that the Remote RACADM client version 6.3.0 or later is installed.

• CMC with an earlier version of 3.21 firmware, make sure that the Remote RACADM client version earlier than 6.3.0 is installed.

Uninstallation

For information, see the *Dell Chassis Management Controller Firmware Version 4.3 User's Guide*.

Limitations

- The remote racadm testfeature command "racadm -r <IP Address> testfeature …" does not support the -d (debug) option.

- For Single Sign-On and Smart Card login, the client system must be a part of the Active Directory domain and Kerberos Realm. On Windows 7, clients under the Local Security Polices, make sure to configure the security option "Network security: Configure encryption types allowed for Kerberos." This policy setting allows you to set the encryption types that Kerberos is allowed to use. The DES_CBC_MD5 encryption type must be selected. If this encryption type is not selected, the encryption type will not be allowed. This setting may affect compatibility with client computers or services and applications.

- When you add a member chassis to a chassis group using the Multi-Chassis Management feature, you cannot specify the group members with an IPv6 address.

Open Issues and Resolutions

Issue 1

Description

Versions 6.0 and 7.0 of Mozilla Firefox Web Browser do not support IPv6 addresses.

Resolution

You must use URLs that contain a registered hostname when accessing a CMC or iDRAC Server that has an IPv6 address. If the CMC or iDRAC Server also has an IPv4 address, then that is supported.

Versions Affected

CMC version 2.1 or greater.

Global Support

For information on technical support, visit **www.dell.com/contactus**.

For information on documentation support, visit **dell.com/support/manuals**. Select **Choose from a list of all Dell products** and click **Continue**. Click **Software, Monitors, Electronics & Peripherals** ->**Software**. Click the required category to access the documents based on the product and the version number.

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