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DELL(TM) CHASSIS MANAGEMENT CONTROLLER VERSION 3.2

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Version: 3.2

Release Date: 15 March 2011

This document contains updated information about the Dell Chassis Management Controller (CMC).

For more information about the CMC, including installation and configuration information, see the "Dell Chassis Management Controller Firmware Version 3.2 User Guide" and the "Dell OpenManage(TM) Server Administrator User's Guide." These documents are located on the Dell Support website at "support.dell.com."

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CRITICALITY

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1 - Critical

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MINIMUM REQUIREMENTS

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SUPPORTED SYSTEMS

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CMC version 3.2 is supported on the following Dell PowerEdge(TM) systems in the Dell PowerEdge M1000-e system enclosure:

- * Dell PowerEdge M600
- * Dell PowerEdge M605
- * Dell PowerEdge M610
- * Dell PowerEdge M610X
- * Dell PowerEdge M710

- * Dell PowerEdge M710HD
- * Dell PowerEdge M805
- * Dell PowerEdge M905
- * Dell PowerEdge M910

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SUPPORTED WEB BROWSERS

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CMC version 3.2 is supported on the following web browsers:

- * Microsoft Internet Explorer 7: Windows XP 32-bit SP3, Windows Vista SP2 x32 and x64 SP2, 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 SP2 x32 and x64, Windows 7 x32 and x64, Windows Server 2003 SP2 x32 and x64, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- * Microsoft Internet Explorer 8 (x64): Windows Vista SP2 x64, Windows 7 x64, Windows Server 2003 SP2 x64, Windows Server 2008 x64, Windows Server 2008 R2 x64.
- * Mozilla Firefox 3.5: Windows XP 32-bit SP3, Windows Vista SP2 x32 and x64, Windows 7 x32, Windows Server 2003 SP2 x32 and x64, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- * Mozilla Firefox 3.6: Windows XP 32-bit SP3, Windows Vista SP2 x64, Windows 7 x32 and x64, Windows Server 2003 SP2 x32 and x64, Windows Server 2008 x32 and x64, Windows Server 2008 R2 x64.
- * Mozilla Firefox 3.6 (x64): Windows 7 x64, Windows Server 2008 R2 x64.

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FIRMWARE VERSIONS

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CMC Firmware Version: 3.2

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RECOMMENDED MODULE FIRMWARE VERSIONS

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The following chassis module firmware versions are recommended additionally if CMC version 3.2 is installed:

- * iDRAC Firmware Version:
 - 3.20 for Dell PowerEdge M610, M610X, M710, M710HD, M910
 - 1.53 for Dell PowerEdge M600, M605, M805, M905
- * Dell Lifecycle Controller Version:
 - 1.5 for Dell PowerEdge M610, M610X, M710, M710HD, M910
- * BIOS Version:
 - 3.0.0 for Dell PowerEdge M610, M610X, M710

- 2.0.0 for Dell PowerEdge M710HD
- 2.1.0 for Dell PowerEdge M910

- 2.3.1 for Dell PowerEdge M600
- 5.4.1 for Dell PowerEdge M605
- 2.3.3 for Dell PowerEdge M805, M905

* CPLD Version:

- 1.0.3 for Dell PowerEdge M610, M610X, M710
- 1.0.0 for Dell PowerEdge M710HD
- 1.0.1 for Dell PowerEdge M910
- 1.1.1 for Dell PowerEdge M600
- 1.1.0 for Dell PowerEdge M605, M805, M905

 RELEASE HIGHLIGHTS
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- * Resolves a vulnerability in CMC3.0 and CMC3.1 firmware versions, which can allow a non-Administrator user to perform Administrator operations over the WS-MAN interface.
- * Firmware update of server component(s) across multiple servers in the chassis using Lifecycle Controller.
- * Extended Non-Volatile (persistent) Storage, using 2 GB Secure Digital (SD) media in the CMC card slot(s).
- * Power Cap can be set to 16685W AC.
- * Chassis Group Quick Launch and Single-Sign On (SSO) from the leader to iDRAC GUI and KVM.
- * Support for the following new hardware:
 - * QLogic QME8242-k CNA Mezz Card
 - * PowerConnect M8024-k 10Gb Ethernet Switch
 - * Dell 10Gb Ethernet Pass Through -k
 - * QLogic QMD8252-k CNA NDC
 - * Broadcom 57712-k NDC

- * Support for remote management of MAC addresses.

 KNOWN ISSUES FOR BROWSERS
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No known issues for this release.

 KNOWN ISSUES FOR CMC Version 3.2
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- * The new one to many Lifecycle Controller based update feature requires

server firmware versions be updated before using this feature. Refer to the "RECOMMENDED MODULE FIRMWARE VERSIONS" section for the proper version numbers. The modules should be updated in the following order:

- BIOS
- Lifecycle Controller
- iDRAC6

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

- CMC 3.2 or later versions of firmware, ensure that the Remote RACADM client version 6.3.0 or later is installed.
- CMC with an earlier version of 3.2 firmware, ensure that the Remote RACADM client version earlier than 6.3.0 is installed.

* 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 Policies, must ensure 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.

KNOWN ISSUES FOR USER INTERFACE ONLINE HELP
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No known issues for this release.

KNOWN ISSUES FOR DOCUMENTATION
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No known issues for this release.

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