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INTEGRATED DELL(TM) REMOTE ACCESS CONTROLLER 6 (iDRAC6) VERSION 1.50

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Version 1.50
Release Date: July 2010

This readme contains updated information about the Integrated Dell Remote Access Controller 6 (iDRAC6).

For more information about iDRAC6, including installation and configuration information, see the "Integrated Dell Remote Access Controller 6 (iDRAC6) Version 1.5 User's Guide" and the "Dell OpenManage(TM) Server Administrator User's Guide." These documents are located on the Dell Support site at "support.dell.com/manuals."

On the "Manuals" page, click "Software" > "Systems Management." Click on the appropriate product link on the right-side to access the documents.

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TABLE OF CONTENTS

#####

This file contains the following sections:

- * Criticality
- * Minimum Requirements
- * Release Highlights
- * Known Issues for iDRAC6 v1.50
- * Known Issues for Documentation

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CRITICALITY

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2 - Recommended

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MINIMUM REQUIREMENTS

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The following subsections list the minimum requirements for iDRAC6.

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SUPPORTED SYSTEMS

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iDRAC6 is supported on the following Dell PowerEdge(TM) and PowerVault(TM) systems:

- *PowerEdge R710
- *PowerEdge T610
- *PowerEdge R610
- *PowerEdge T710
- *PowerEdge T410
- *PowerEdge R410
- *PowerEdge R210
- *PowerEdge R510
- *PowerEdge T310
- *PowerEdge R810
- *PowerEdge PER910
- *PowerEdge R815
- *PowerEdge R310
- *PowerEdge R715
- *PowerVault DL2100
- *PowerVault NX3000
- *PowerVault NX300
- *PowerVault DX6000
- *PowerVault DX6012S
- *PowerVault NX3100
- *PowerVault DL2200

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SUPPORTED MANAGED SERVER OPERATING SYSTEMS
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The iDRAC6 is supported by the following operating systems:

- * Microsoft(R) Windows Server(R) 2003 family

The Windows Server 2003 family includes

- Windows Server 2003 SP2.
- Windows Server 2003 R2.

- * Microsoft(R) Windows Server(R) 2008 family

The Windows Server 2008 family includes

- Windows Server 2008 SP2.
- Windows Server 2008 SBS SP2.
- Windows Server 2008 EBS SP1.
- Windows Server 2008 EBS R2.

- * SUSE(R) Linux Enterprise Server (SLES) 10 SP3(x86_64)

- * SUSE(R) Linux Enterprise Server (SLES) 11(x86_64)

- * Red Hat(R) Enterprise Linux (RHEL) 4.8 (x86, x86_64)

- * Red Hat(R) Enterprise Linux (RHEL) 5.5 (x86, x86_64)

- * ESX(TM) 4.0 U1
- * ESX 4.1 U1
- * ESXi(TM) 4.0 U1 HDD
- * ESXi 4.1 U1 HDD
- * ESXi 4.0 U1 Flash
- * ESXi 4.1 U1 Flash
- * XenServer(TM) 6.0 HDD
- * Hyper-V(TM)
- * Hyper-V R2

SUPPORTED WEB BROWSERS

- * Microsoft Internet Explorer(R) 7 for Windows XP 32-bit SP3, Windows Vista(R) 32-bit SP2, Windows Vista x64 SP2, Windows Server 2003 SP2, Windows Server 2003 x64 SP2, Windows Server 2008 SP2, and Windows Server 2008 x64 SP2
- * Microsoft Internet Explorer 8 for Windows XP 32-bit SP3, Windows Vista 32-bit SP2, Windows Vista x64 SP2, Windows 7 32-bit, Windows 7 x64, Windows Server 2003 SP2, Windows Server 2003 x64 SP2, Windows Server 2008 SP2, Windows Server 2008 x64 SP2, and Windows Server 2008 R2 x64
- * Microsoft Internet Explorer 8 x64 for Windows Vista x64 SP2, Windows 7 x64, Windows Server 2003 x64 SP2, Windows Server 2008 x64 SP2, and Windows Server 2008 R2 x64
- * Mozilla(R) Firefox(R) 3.0 on Windows XP 32-bit SP3, Windows Vista 32-bit SP2, Windows Vista x64 SP2, Windows 7 32-bit, Windows Server 2003 SP2, Windows Server 2003 x64 SP2, Windows Server 2008 SP2, Windows Server 2008 x64 SP2, and Windows Server 2008 R2 x64
- * Mozilla Firefox 3.5 on Windows Vista 32-bit SP2, Windows Vista x64 SP2, Windows 7 32-bit, Windows Server 2003 SP2, Windows Server 2003 x64 SP2, Windows Server 2008 SP2, Windows Server 2008 x64 SP2
- * Native browser on SLES 10 x64 SP3, SLES 11 x64, SLES 11 x64 SP1, RHEL 4.8 32-bit, RHEL 4.8 x64, RHEL 5.5 32-bit, RHEL 5.5 x64, RHEL 6.0 x64

FIRMWARE VERSIONS

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* iDRAC6 Firmware Version: 1.50

RELEASE HIGHLIGHTS (FIRMWARE VERSION 1.50)
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- * vFlash
- * Clarity GUI
- * Console Identification
- * Reset iDRAC Using GUI
- * Consistent Feature Branding
- * Remote File Share
- * Virtual Console Preview
- * Plugin-less Single Sign-On (SSO)
- * Firefox SSO
- * Power Features Using Command Line Interface (CLI)
- * Extended Schema SSO
- * 64-bit Browser and Plug-in Support
- * Default Serial Over LAN (SOL)
- * Default LCD

KNOWN ISSUES FOR iDRAC6 v1.50
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This section provides additional information about known issues with the iDRAC6 Firmware version 1.50.

- * If a remote RACADM session is active, the local RACADM command "racadm closessn -a" cannot close all sessions. Repeat this RACADM command to close all sessions.
- * When creating partition from image using RACADM, incorrect message is displayed in the following scenarios:
 1. If a partition is created using an image when an existing SD card initialization process is in-progress
 2. If a partition creation using an image is requested and the partition is already existing

The following message is displayed in both these cases:

“The upload operation has been started. Completion time may vary based on network performance and image size. (For example, a 1GB image may take over 1 hour.) To avoid data corruption do not reset the DRAC while the operation is progressing.”

This error will be fixed in the next iDRAC firmware release using the following messages:

1. For scenario #1 above, the message "Partition is busy" or "SD card is busy" will be displayed
2. For scenario #2 above, the message “A partition already exists with this index” will be displayed

* For the standard SD card, setting a detached partition as a first boot device displays an incorrect error message "Object value modified successfully." Since you can only set attached partitions as the first boot device, this message should be "ERROR: The specified object value is not valid."

Note: A standard SD card refers to a normal off-the-shelf SD card that supports only limited vFlash features.

* Sometimes the "Save As" and "Clear Log" buttons on the "Remote Access" > "Logs" > "iDRAC Log" page may disappear when the mouse is hovered near those buttons. It is a known limitation with the GUI. To resolve this, click "Refresh".

* Dell OpenManage IT Assistant may display incorrect details for the Module SD Card in the Alert Logs page after the 1.5 version of iDRAC firmware is installed. For example, the Module SD card may be shown as "Present" when the vFlash Media is removed from the system. All the other Alert Logs details will be shown correctly. This is a known incompatibility issue between iDRAC firmware and Dell OpenManage IT Assistant which will be fixed in the future releases.

* On few Windows operating systems, under certain conditions, the iDRAC vmcli.exe will fail. This is due to the run-time components of Visual C++(R) Libraries (VC++ 2008 redistributable package) required to run applications that are not available. To resolve this, download and install Microsoft Visual C++ 2008 Redistributable Package (x86) from the following location:
<http://www.microsoft.com/downloads/details.aspx?familyid=9B2DA534-3E03-4391-8A4D-074B9F2BC1BF&displaylang=en>.

* After using the "racadm vflashsd initialize" command from SSH to initialize a 1GB vFlash SD card, issuing the "racadm vflashsd status" command to get the last process status will return "ERROR: SD card not present." After several seconds, running the same command will return a message that the status is complete. This error message will be replaced with the message "SD card busy or % complete" in the next iDRAC firmware release.

* After using the local racadm command "racadm vflashsd initialize" to

initialize a 8GB vFlash SD card, immediately issuing the "racadm vflashsd status" command to get the last process status will return "ERROR: Media not ready". Running the same command again will return "ERROR: SD card busy". The "ERROR" in the second message will be replaced with the message "SD card busy or % complete" in the next iDRAC firmware release.

* To delete a partition using the local racadm command "racadm vflashpartition delete -i" shows "ERROR: Failed to perform vflash Partition operation." This error message is incorrect since issuing the same command again displays the message "ERROR: partition does not exist". This error message will be replaced with the message "Partition deletion had been initiated" in the next iDRAC firmware release.

KNOWN ISSUES FOR DOCUMENTATION
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This section provides additional information about known issues with the iDRAC6 Firmware version 1.5 User's Guide.

None.

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