```
##############################################################################
```

Integrated DELL(TM) REMOTE ACCESS CONTROLLER (iDRAC) Version 2.00

```
##############################################################################
```

This document contains updated information about the Integrated Dell
Remote Access Controller (iDRAC).

For more information about iDRAC, including installation and
configuration information, see the "Integrated Dell Remote Access
Controller 6 (iDRAC6) Enterprise for Blade Servers Version 2.0 User
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".

```
##############################################################################
```
TABLE OF CONTENTS
```
##############################################################################
```

This file contains the following sections:

* Criticality

* Minimum Requirements

* Release Highlights

* Known Issues for iDRAC 2.00

* Known Issues for Documentation

```
##############################################################################
```
CRITICALITY
```
##############################################################################
```

2 - Recommended

```
##############################################################################
```
MINIMUM REQUIREMENTS
```
##############################################################################
```

```
==============================================================================
```
SUPPORTED SYSTEMS
```
==============================================================================
```

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

* Dell PowerEdge M610
* Dell PowerEdge M710

```
##############################################################################
```

RELEASE HIGHLIGHTS (FIRMWARE VERSION 2.00)
###

* Initial release for M610 and M710

###
KNOWN ISSUES FOR iDRAC 2.00
###

This section provides additional information about known issues with
the iDRAC Firmware version 2.00

* iDRAC power consumption numbers do not match values displayed in CMC

Currently CMC displays per-blade real time power consumption values on the
Chassis -> Power Management -> Power Consumption page in watts AC but
iDRAC GUI displays the same value in watts DC.

* Using virtual devices on VMware(R) ESX Console, after an iDRAC Update

Please reboot the managed server running VMware ESX 3.x one time
after an iDRAC update is completed. This will ensure that VMware ESX
re-enumerates the virtual devices and enables virtual floppy and virtual
CDROM features of the iDRAC. After that reboot, the virtual devices,
including virtual Floppy, work fine.

* Possible Active Sessions vs. Current Active Sessions in Server
  Administrator

In Server Administrator, the number of "Current Active Sessions"
displayed for iDRAC refers only to the number of current IPMI transaction
sessions active, and does not include web GUI or ssh/SM-CLP sessions.

* Using special keys in "keyboard passthrough" mode

Special keys such as the Microsoft(R) Windows(R) key, CTRL-Prnt Scrn,
and ALT-Function key combinations in keyboard passthrough mode will be
problematic, as some combinations are sent to the Viewer itself and
might produce undesirable behavior. Special provision is made in the
Java and ActiveX viewers for macros under the Keyboard menu pulldown
which allow the user to send such combinations and special keys
directly to the managed server.

* Accessing remote floppy disks and CD-ROMs from (VMWare) VMs

Accessing remote floppy disks and CD-ROMs from (VMWare) VMs is NOT
supported.

Only devices directly connected to an ESX server or a floppy or CD-ROM
ISO image present in the ESX Service Console can be made accessible to
the VM. Avoid this issue by creating an image of the floppy or CD-ROM
and copying it to the Service Console.

* Updating iDRAC using DOS update utility, from a PXE network setup

The iDRAC can be updated using the DOS utility when DOS is booted using PXE. However, the new FW image has to be on a local media on the server for this to work properly. Local media can be a RAMDISK, HD or USB key on the server. Alternatively, the update of iDRACs on multiple servers has to be sequenced; that is, done one server after the other, with the 1st completing update and the 2nd starting update and so on to 3rd after 2nd is done, 4th after 3rd is done.

* RACADM restore default configuration behavior

The racresetcfg command in RACADM restores all properties except cfgDNSRacName in the cfgLanNetworking group to their default values.

* Configuring iDRAC using RACADM config

The actual time the user needs to wait after executing the racresetcfg command within racadm may vary depending on the network speed.

* iDRAC Media Redirection using floppy disks on Microsoft Windows Vista(R)
  management station with IE7 and ActiveX

The iDRAC's IP address needs to be added to the 'Trusted Sites' list, before launching the Console Redirection session on a management station running Windows Vista with IE7.

1 Click Tools-> Internet Options-> Security-> Trusted sites.
2 Click Sites and enter the IP address or DNS name of the iDRAC.
3 Click Add.

* Configuring specific DNS parameters using 'racadm config -f <filename>'

DHCP has to be enabled on the iDRAC for the following two DNS parameters to be configurable, using 'racadm config -f <filename>' -
1) cfgDNSServersFromDHCP, 2) cfgDNSDomainNameFromDHCP.

* Behavior of the iDRAC Virtual Media functionality, when the media is removed

On Windows -

When the media is removed, the Explorer window(s) for this media do not close by themselves.

User action IS required. Please close the Explorer window(s), when the media is removed.

On Linux -

When the media is removed, the file browser window(s) for this media do close by themselves.

User action is NOT required.

* Using the iVMCLI tool from within a system running Windows Vista

To use iVMCLI from within a system running Windows Vista -

The user has to start up the 'cmd' with 'Run as Administrator'.
(iVMCLI requires the user has 'administrator' privileges when it is used.)

NOTE -

The user can log in as a non-admin user, but when using iVMCLI, the user
has to start 'cmd' with 'Run as Administrator' thereby giving them
admin privileges to enable using iVMCLI.

###
KNOWN ISSUES FOR DOCUMENTATION
###

This section provides additional information about known issues with
the iDRAC Firmware version 2.00 User's Guide.

* None - Initial release

###

Information in this document is subject to change without notice.
(C) 2009 Dell Inc. All rights reserved.

Reproduction in any manner whatsoever without the written permission
of Dell Inc. is strictly forbidden.

Trademarks used in this text: "Dell", "OpenManage", and
"PowerEdge" are trademarks of Dell Inc.; "Microsoft", "Windows",
"Windows Server", "Windows Vista", and "Active Directory" are
trademarks or registered trademarks of Microsoft Corporation;
"Red Hat" and "Linux" are registered trademarks of Red Hat, Inc.;
VMware is a registered trademark of VMware, Inc. in the United States
and/or other jurisdictions.

Other trademarks and trade names may be used in this document to refer
to either the entities claiming the marks and names or their products.
Dell Inc. disclaims any proprietary interest in trademarks and trade
names other than its own.

March 2009