

Release Notes

Dell OpenManage Connection Version 2.1 for IBM Tivoli Netcool/OMNIbus 7.3.1 and 7.4

In environments managed by IBM Tivoli Netcool/OMNIbus, Dell OpenManage Connection version 2.1 for IBM Tivoli Netcool OMNIbus 7.3.1 and 7.4 provides event monitoring and console launch capabilities for Dell devices.

Version 2.1

Release Date: August 28, 2013

Previous Version 2.0

Importance

RECOMMENDED: Dell recommends the customer review specifics about the update to determine if it applies to your system. The update contains changes that impact only certain configurations, or provides new features that may/may not apply to your environment.

Platforms Affected

Dell PowerEdge Servers (9G-12G):

1900, 1950, 1955, 2900, 2950, 2970, 6950, M420, M520, M605, M610, M610x, M620, M710, M710HD, M805, M820, M905, M910, M915, R200, R210, R210 II, R320, R410, R510, R515, R520, R610, R620, R710, R715, R720, R720xd, R415, R420, R805, R810, R815, R820, R905, R910, T100, T105, T110, T110 II, T310, T320, T410, T420, T610, T620 and T710

Dell PowerVault Storage Servers (9G-12G):

DX6000, NX200, NX300, NX3000, NX3100, NX400, NX3200 and NX3300

Dell Chassis:

M1000e (Chassis Management Controller), PowerEdge VRTX (VRTX Chassis Management Controller), and 1955 (Dell Remote Access Controller Modular Chassis)

Dell EqualLogic Storage Arrays PS Series:

PS5000, PS5500, PS4000, PS6000, PS6010, PS4100, PS6100, PS6500, PS6510 PS4110, PS6110 and PSM4110

Dell PowerVault MD Storage Arrays:

MD3000, MD3000i, MD3200, MD3200i, MD3220, MD3220i, MD3600i, MD3600f, MD3620i, MD3620f, MD3260, MD3260i, MD3660i and MD3660f

What is Supported

For the list of supported hardware, software, operating systems, web browsers and other requirements, see "Dell OpenManage Connection 2.1 for IBM Tivoli Netcool/OMNIBus User's Guide."

What's New

- Monitor alerts from Dell PowerVault MD Storage Arrays.
- Monitor Out-of-Band alerts correlation from Dell PowerEdge 12th Generation Servers.
- Monitor alerts from Dell VRTX Chassis Management Controllers (CMC).
- Enhancement to support new alerts of OpenManage Server Administrator (OMSA)

and OpenManage Storage Management (OMSS) (OM release 7.1 to 7.3) from Dell PowerEdge and Dell PowerVault Servers.

- Support for Dell Modular Disk Storage Manager console (MDSM) launch.
- Support for Dell Connections License Manager console (DCLM) launch.
- Support for Dell knowledge base console launch for 12G server trap configuration information.
- Simplified installation of Dell OpenManage connection.
- Support for Dell polled events only if Dell OpenManage Connection Version 1.0 for IBM Tivoli Network Manager (ITNM) IP Edition 3.9 is also integrated.

Fixes

- The following Dell Server alerts are displayed on the OMNIbus console with severity as "Indeterminate" and group as "DellServerAdministratorStorageMgmt"
 - An EMM has been removed
 - An EMM has been inserted
- In the OMNIbus Console, the following Dell 12G out-of-band server traps are displayed with severity as "Indeterminate" and group as "DellIOOBServer" (group should ideally display respective object names, instead of "DellIOOBServer").
 - Battery Object Traps
 - BAT1000 : Battery on <controller name> is missing.
 - BAT1008 : Write policy on <controller name> was changed to Write Through.
 - BAT1021 : The charge level for the battery on <controller name> is below the normal threshold.
 - BAT1024 : Errors detected with battery on <controller name>.
 - BAT1025 : <controller name> is unable to recover cached data from the Battery Backup Unit (BBU).
 - BAT1033 : The battery on <controller name> was removed.
 - Controller Object Traps
 - CTL48 : A foreign configuration was detected on <controller name>.
 - CTL72 : The foreign configuration overflow has occurred on <Controller name>.
 - CTL73 : Foreign configuration is imported only partially. Some configurations failed to import on <Controller name>.
 - PhysicalDisk Object Traps
 - PDR73 : Copyback failed from <physical disk> to <physical disk>.

- PDR85 : Security subsystem errors detected for <physical disk>.
 - PDR86 : Bad block table on <physical disk> is full.
 - PDR95 : Microcode update on <physical disk> has failed.
- o PowerSupply Object Traps
 - PSU1 : Power supply in <Enclosure name> was disrupted.
 - PSU2 : The power supply in <Enclosure name> is switched OFF.
 - PSU11 : Power supply in <Enclosure name> has failed.

Important Notes

To visit Dell TechCenter for accessing whitepapers, blogs, wiki-articles, Product communities and forums, see: <http://en.community.dell.com/techcenter/systems-management/w/wiki/4115.dell-openmanage-connections-and-integrations.aspx>

Known Issues

- The "eqIDiskStatusChange" trap with "diskStatus" 0 and "diskSlot" 0 is displayed on the Netcool/OMNIbus console with severity as "Indeterminate" and summary as "The status of the EqualLogic Disk (0) has changed to (unknown)"

Note: This issue is applicable only to EqualLogic firmware version 5.x.

- OpenManage Server Administrator page will open when OpenManage Server Administrator Web Server console tool is configured with an IPv4 address and is launched from an event or trap having an IPv6 IP address as host name.

In such cases, User should click on the link "Manage Remote Node" and populate the field "Hostname / IP address" with the managed node IP address.

Limitations

NA

Installation Prerequisites

For the installation prerequisites, see "Dell OpenManage Connection 2.1 for IBM Tivoli Netcool/OMNibus Installation Guide."


Installation Procedure

For installation or update related information, see the "Dell OpenManage Connection 2.1 for IBM Tivoli Netcool/OMNibus Installation Guide."

Installation and Configuration Notes

For installation and configuration related information, see the "Dell OpenManage Connection 2.1 for IBM Tivoli Netcool/OMNibus Installation Guide."

Contacting Dell

 **NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit support.dell.com.
2. Select your support category.
3. If you are not a U.S. customer, select your country code at the bottom of the support.dell.com page, or select All to see more choices.
4. Select the appropriate service or support link based on your need.

For information on documentation support, visit www.dell.com/support/manuals. On the Manuals page, click **Software ->Systems Management**. Click on the specific product on the right-side to access the documents.

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