

Dell OpenManage
Connection for IBM Tivoli
Netcool/Omnibus 7.3.1
Version 2.0

Readme



The Dell OpenManage Connection for IBM Tivoli Netcool/OMNIBus 7.3.1 provides SNMP traps monitoring capability for Dell Systems and helps user to take further remedial action.

What's New

- Out-of-Band alerts monitoring from Dell 12G Servers.
- Monitoring alerts from Dell Chassis Management Controllers (CMC).
- Enhanced monitoring of new OpenManage Server Administrator (OMSA) and OpenManage Storage Management (OMSS) alerts (OM release 7.0 to 7.1) from Dell Servers.
- Enhanced monitoring of SCSI and iSCSI alerts from Dell EqualLogic systems.
- Support for integrated Dell Remote Access Controller (iDRAC) console launch.
- Support for Dell Chassis Management Controller (CMC) console launch.
- Support for Dell OpenManage Essentials (OME) console Launch.

Installation

For more information, see the "Dell OpenManage Connection 2.0 for IBM Tivoli Netcool/OMNIBus Installation Guide."

Prerequisites

Before installing the Dell OpenManage Connection, ensure that your system meets the following requirements:

Software Requirements

Managing System

- IBM Tivoli Netcool/OMNIBus 7.3.1 with the following components installed:
 - ObjectServer
 - Multi-Thread Trapd SNMP Probe
 - Desktop
 - Web GUI
- Proper DNS Configuration
- Default browser configured

Managed System

- Supported Windows operating systems on Dell PowerEdge and PowerVault systems.
- Supported Linux operating systems on Dell PowerEdge systems.
- Supported ESXi version on Dell PowerEdge systems.
- The supported versions of Dell OpenManage Server Administrator for Windows, Linux, and ESXi systems are 6.5 to 7.1.
- The supported iDRAC7 firmware versions for Dell 12G Servers are 1.00.00 to 1.20.20.
- SNMP service enabled with proper configuration.
- SNMP Trap destination configured to the SNMP Probe Server.

- The supported firmware versions for Dell EqualLogic Storage Arrays are 5.0 to 6.0.
- The supported firmware versions for Dell Chassis Management Controller are 4.1 and 4.2.
- Proper DNS Configuration.

For information on supported Dell Devices, see "Dell OpenManage Connection 2.0 for IBM Tivoli Netcool/OMNIBus User's Guide."

Operating System Supported on the Management Server

Ensure that you follow the requirements for management server and console as per the guidelines provided in the "IBM Tivoli Netcool/OMNIBus Installation Guide."

NOTE: For more information, see "Dell OpenManage Connection 2.0 for IBM Tivoli Netcool/OMNIBus User's Guide."

Operating System Supported on the Managed Node

For the list of supported Operating Systems, see "Dell OpenManage Connection 2.0 for IBM Tivoli Netcool/OMNIBus User's Guide."

Upgrade

For upgrading Dell OpenManage Connection 1.0 to 2.0 for IBM Tivoli Netcool/OMNIBus, see "Dell OpenManage Connection 2.0 for IBM Tivoli Netcool/OMNIBus Installation Guide."

Open Issues and Resolutions

Issue 1

Description: 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

Issue 2

Description: The "eqLDiskStatusChange" 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.

Issue 3

Description: 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").

Traps affected:

- 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.
- 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.

Global Support

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

For information on documentation support, visit support.dell.com/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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