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 "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.

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 "DellOOBServer" (group should ideally display respective object names, instead of "DellOOBServer").

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 toaccess the documents.

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