

Release Notes

Dell Equal Logic Storage Management Pack Suite For Microsoft System Center 2012 Operations Manager, System Center 2007 R2 Operations Manager And System Center Essentials 2010

The Dell EqualLogic Storage Management Pack Suite version 5.0 enables Operations Manager to discover and monitor the status of one or more Dell EqualLogic PS Series Arrays on a defined network segment. The management pack includes icons describing Dell EqualLogic PS Series arrays and its components; failure and pre-failure alerts, and allows you to assess, respond to, and ensure the availability of Dell EqualLogic PS Series Arrays monitored in the System Center Operations Manager environment.

Note: All references to OpsMgr in this document are applicable to Microsoft System Center 2012 R2 Operations Manager, Microsoft System Center 2012 SP1 Operations Manager, Microsoft System Center 2012 Operations Manager, Microsoft System Center 2007 R2 Operations Manager, and Microsoft System Center Essentials 2010, unless otherwise specified.

Version 5.0

Last Revised Date: November 15, 2013

Previous Version 4.1

Importance

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers and software).

What's New

- Support for Microsoft System Center 2012 R2 Operations Manager, and Microsoft System Center 2012 SP1 Operations Manager
- Support for Windows Server 2012 R2 as management server operating system
- Inventory attributes
 - Storage Pool Borrowing Enabled (for Storage Pool)
 - Volume Recovery Enabled (for Group)
 - Member Chassis Flags (for Member Array)
 - Data Center Bridging Capability (for Ethernet Interface)
- Support for SNMP alerts
 - RFC 1157 Traps
 - SCSI Traps
 - iSCSI Traps
- Monitoring of Dell EqualLogic devices on OpsMgr 2007 R2 clustered RMS
- Feature Management dashboard - Import, upgrade, and remove Dell Management Pack Suite features from the OpsMgr console.
- 64-bit version of Dell EqualLogic Helper Utility used by the Management Pack Suite.
- Devices: PS4110, PS6110, and PS-M4110
- Firmware: 5.1, 5.2 and 6.0

Important Notes

Management Pack Suite Structure

The Dell EqualLogic Management Pack Suite consists of the following management packs, which are installed into the installation folder.

Dell.FeatureManagement.Pack.mp

- Dell Feature Management Pack (FMP) provides a dashboard to monitor Dell Management Pack Suite features, import (scalable/detailed), upgrade, and remove management features. For more information, see the Installation Guide.

Dell.EqualLogic.OM07.mp

- Dell EqualLogic Storage Management pack for discovery, monitoring and trap processing of Dell EqualLogic devices with OpsMgr 2007 R2 and SCE 2010.

Dell.EqualLogic.OM12.mp

- Dell EqualLogic Storage Management pack for discovery, monitoring and trap processing of Dell EqualLogic devices with OpsMgr 2012 and OpsMgr 2012 SP1.

Dell.EqualLogic.DetailedMonitoringOn.mp

- Overrides for enabling health monitoring for all component groups for the Dell EqualLogic Group

Dell.EqualLogic.Impl.mp

- Library file for Dell EqualLogic Monitoring

Dell.Model.EqualLogic.mp

- Library file for Dell EqualLogic Monitoring

Dell.OperationsLibrary.EqualLogic.mp

- Library file for Dell EqualLogic Monitoring

Dell.View.EqualLogic.mp

- Library file for Dell EqualLogic Monitoring

Dell.Connections.HardwareLibrary.mp

- Dell Base folder utility for the basic folder structure and Root node

Dell.OperationsLibrary.Common.mp

- Library file used by Dell Management Pack Suite components.

NOTE: The Library folder also contains the Dell EqualLogic Helper Utility DLL used by the components of the Management Pack Suite.

Known Issues

Issue 1: Manual execution of recovery updates NIC Group health incorrectly. When the recovery is initiated on older states of NIC Group Unit Monitors, the current state of the NIC Group health changes to the older state.

Resolution

Manually execute the recovery on the latest state-change.

Versions Affected

OpsMgr

Issue 2: Feature Management dashboard will not be available, if the Management Pack Suite is installed on a clustered RMS node.

Resolution

Install the EqualLogic Management Pack suite on a Management Server which is not clustered and wait for the dashboard to be populated, before installing the management pack suites on the clustered RMS.

Versions Affected

OpsMgr 2007

Corrected Problems

The following problems were reported in earlier releases and have been corrected in this release.

Issue 1

Dell EqualLogic devices are not discovered when OpsMgr 2007 R2 RMS is clustered. (534962)


Issue 2

When a disk is removed from the Dell EqualLogic array, a Disk Status Change Alert is generated with the severity "Warning" and the event description indicates that the alert is not supported by the management pack.

Installation Procedure

For information on installing the Dell EqualLogic Storage Management Pack Suite, see the 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 dell.com/support.
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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