

Release Notes

Dell Server Performance and Resource Optimization Management Pack

This readme provides information on the Dell Server Performance and Resource Optimization (PRO) Management Pack version 4.0, which you can import into Microsoft System Center 2012 R2 Operations Manager, Microsoft System Center 2012 SP1 Operations Manager and Microsoft System Center 2012 Operations Manager.

Dell Server PRO Pack works with System Center 2012 R2 Virtual Machine Manager, System Center 2012 SP1 Virtual Machine Manager and System Center 2012 Virtual Machine Manager to manage Dell physical devices and their hosted virtual machines using the available health information from Dell hardware devices.

Dell PRO Pack recommends remedial actions when monitored objects transition to an unhealthy state (for example, virtual disk failure or predictive drive error), by leveraging the monitoring and alerting capabilities of Operations Manager and remediation capabilities of VMM 2012.

Version 4.0

Release Date: September 8, 2014

Previous Version: 3.0.1

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 is Supported

List of Operating Systems supported on the Management Station and Managed Node:
Refer to the list of supported configurations for the following
Operations Manager/SCVMM versions:

- Operations Manager 2012 R2, 2012 SP1, and 2012 -
<http://technet.microsoft.com/en-us/library/hh205990.aspx>
- Virtual Machine Manager 2012 R2, 2012 SP1, and 2012 -
<http://technet.microsoft.com/en-us/library/gg610592.aspx>

What's New

- Support for Dell OpenManage Server Administrator version from 7.2 to 8.0.1 on 10th generation to 13th generation of Dell PowerEdge servers
- Support for 27 new alerts from OpenManage Server Administrator
- Support for 13 new EEMi alerts from OpenManage Server Administrator

Important Notes

This section provides information to enhance your experience with Dell

- Dell Server PRO Management Pack does not monitor informational alerts. You must take appropriate action by looking at the system health in Operations Manager (Operations Manager) State view, after implementing PRO Tips.
- Dell Server PRO Management Pack does not provide multiple alerts on sensors (inclusive of current, voltage, fan, and temperature). This means that there is only one sensor event reported for any sensor state transition on a given system. After you have cleared the alert, any subsequent alert is reported.
- Dell Server PRO Management Pack has a default discovery cycle of 24 hours. You can override the discovery cycle time.
- The "Management Station Action Account" needs Administrator privileges to discover systems and PowerShell execution.
- After a system is discovered, if you uninstall Dell OpenManage Server Administrator or Dell OpenManage Server Administrator services are stopped, the health of the Dell PRO Pack discovered system will display as "healthy." However, no alert and PRO Tip is displayed in Operations Manager and SCVMM, respectively
- All Unit Monitors are disabled by default in Dell Server PRO Management Pack. You can override any of the following recovery actions.
 - You can override the remedial action of restricting server from hosting new virtual machines
 - You can override the remedial action of migrating virtual machines when restricting server from hosting new virtual machines

For more details, see the "Dell Server PRO Management Pack 4.0 For Microsoft System Center Virtual Machine Manager User's Guide".

Known Issues

Issue (156163): Deleting, and re-importing the Dell Server PRO Management Pack MP, may result in PRO tip implementation failure.

Resolution: Restart the Virtual Machine Manager Service after re-importing the MPs.

Installation Instructions

Installation Detail

For complete installation instructions, see the "Dell Server PRO Management Pack 4.0 For Microsoft System Center Virtual Machine Manager Installation Guide"

Upgrade

For complete upgrade instructions see the "Dell Server PRO Management Pack 4.0 For Microsoft System Center Virtual Machine Manager Installation Guide"

Uninstallation

For complete uninstallation instructions see the "Dell Server PRO Management Pack 4.0 For Microsoft System Center Virtual Machine Manager 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. Verify your country or region in the **Choose a Country/Region** drop-down menu at the top of page.
4. Select the appropriate service or support link based on your need.

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