

Dell Server Performance  
and Resource Optimization  
Management Pack  
Version 3.0

# Readme



This readme provides information on the Dell Server Performance and Resource Optimization (PRO) Management Pack version 3.0, which you can import into Microsoft System Center Operations Manager (Operations Manager) 2007 R2, Microsoft System Center 2012 Operations Manager, and Microsoft System Center 2012 SP1 Operations Manager.

Dell Server PRO Pack works with Operations Manager 2007 R2, System Center 2012 Virtual Machine Manager (VMM), and System Center 2012 SP1 Virtual Machine Manager (VMM) 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.

## What's New

- Support for Dell OpenManage versions up to 7.0 on x9xx to yx2x systems
- Added support for VMM 2012 and VMM 2012 SP1, which supports Virtual Machines Live Migration
- Added support for additional Open Manage alerts and NIC alerts
- Live Migration is based on the Virtual Machine Priority based on CPU
- Utilization
- In State View, the Managed Nodes are ordered based on Health Status

For details of features supported in this release see the "*Dell Server PRO Management Pack 3.0 For Microsoft System Center Virtual Machine Manager User's Guide.*"

## Hardware and Software Requirements

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 2007 R2 - [technet.microsoft.com/en-us/library/bb309428.aspx](http://technet.microsoft.com/en-us/library/bb309428.aspx)
- Operations Manager 2012 or Operations Manager 2012 SP1 - [technet.microsoft.com/en-us/library/hh205990.aspx](http://technet.microsoft.com/en-us/library/hh205990.aspx)
- VMM 2012 or VMM 2012 SP1 - [technet.microsoft.com/en-us/library/gg610592.aspx](http://technet.microsoft.com/en-us/library/gg610592.aspx)

## Installation

For complete installation instructions, see the "*Dell Server PRO Management Pack 3.0 For Microsoft System Center Virtual Machine Manager Installation Guide.*"

## Upgrade

NOTE: Dell PROPack 2.0/2.1 and Dell PROPack 3.0 are separate versions and upgrade from 2.0/2.1 to 3.0 is not possible.

## Uninstallation

For complete uninstallation instructions, see the "*Dell Server PRO Management Pack 3.0 For Microsoft System Center Virtual Machine Manager Installation Guide.*"

## Notes

This section provides information to enhance your experience with Dell

- Server PRO Management Pack for VMM 2012 or VMM 2012 SP1.
- 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.
- In Dell Server PRO Management Pack, all Unit Monitors are disabled by default. However, to monitor the health of Dell PRO monitored servers, you must enable the Unit Monitors. For more information, see the "Planning The Environment For PRO Tips" section in the "*Dell Server PRO Management Pack 3.0 for Microsoft System Center Virtual Machine Manager Installation Guide*" or the "*Dell Server PRO Management Pack 3.0 For Microsoft System Center Virtual Machine Manager User's Guide*."
- You can override any of the following recovery actions.
  - You can override the remedial action of restricting server from hosting new virtual machines when migrating 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 3.0 For Microsoft System Center Virtual Machine Manager User's Guide*."

## Global Support

For information on technical support, visit [www.dell.com/contactus](http://www.dell.com/contactus).

For information on documentation support, visit [dell.com/support/manuals](http://dell.com/support/manuals).

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