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DELL(TM)SERVER PRO MANAGEMENT PACK 2.0 FOR MICROSOFT(R)
SYSTEM CENTER VIRTUAL MACHINE MANAGER (SCVMM) 2008 and SCVMM 2008 R2

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DESCRIPTION

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Version: 2.0
Release Date: December 2009

This release of the Dell PRO Management Pack enables you to proactively manage virtual environments and ensure high availability of your Dell Systems running all versions of Microsoft Windows Server 2008 x64 operating systems with Hyper-V enabled.

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This Readme provides information for the Dell Server PRO Management Pack 2.0 which can be imported to System Center Operations Manager (SCOM) 2007 SP1/R2 and System Center Essentials (SCE) 2007 SP1.

It also contains updated information for the "Dell™ Server PRO Management Pack 2.0 For Microsoft® System Center Virtual Machine Manager User's Guide" and any other technical documentation included with the Dell Server PRO Management Pack.

Contents:

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- * Criticality
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- * Release Highlights
- * Installation and Uninstallation
- * User Notes
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Criticality
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* Recommended

COMPATIBILITY/MINIMUM REQUIREMENTS
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The Dell PRO Pack supported operating systems is captured in the following list below

Managed Node:

- Windows Server 2008 Ent/DCE x64 Hyper-V enabled, all versions
- Windows Server 2008 Ent/DCE Server Core x64 Hyper-V enabled, all versions
- Windows Server 2008 STD x64 Hyper-V enabled without Clustering, all versions
- Windows Server 2008 STD Server Core x64 Hyper-V enabled without Clustering, all versions
- Microsoft Hyper-V Server 2008 x64, all versions

Management Station:

Single System Setup (SCOM+SCVMM or SCE+SCVMM)

- Windows Server 2008 STD/Ent/DCE x64, all versions

Distributed:

SCOM/SCE

- Windows Server 2003, STD/Ent/DCE x86, SP2, R2 versions only
- Windows Server 2003, STD/Ent/DCE x64, SP2, R2 versions only
- Windows Server 2008 STD/Ent/DCE x86, all versions
- Windows Server 2008 STD/Ent/DCE x64, all versions

SCVMM

- Windows Server 2008 STD/Ent/DCE x64, all versions

RELEASE HIGHLIGHTS
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- * The Dell Server PRO Management Pack enables remedial action/ recommendation such as movement of virtual machines and placing the host into restricted mode based on alerts generated by the host.
- * Support for Dell OpenManage version 5.3 or greater on x9xx to xx1x systems and Dell OpenManage version 6.0.x/6.1/6.2 on xx1x systems
- * Added support for SCVMM 2008 R2 which supports Virtual Machines Live Migration
- * Added support for Remediation/Recommendation action as a Override feature for Dell PRO Pack default recovery actions
- * Added support for additional OpenManage alerts
- * Improvements made to the resolution of some of the 1.0 release alerts
- * Recovery actions of PRO Pack1.0 "Maintenance mode" and "VM Migration" is changed in PRO Pack 2.0 to "Restrict", and "Restrict and Migrate" mode to differentiate from the "Maintenance mode" defined in SCVMM 2008 R2

For details of features supported in this release see the "Dell™ Server PRO Management Pack 2.0 For Microsoft® System Center Virtual Machine Manager User's Guide".

 INSTALLATION/UNINSTALLATION
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 Installation
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For complete installation instructions, see the "Dell™ Server PRO Management Pack 2.0 For Microsoft® System Center Virtual Machine Manager User's Guide".

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 Uninstallation
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For complete uninstallation instructions, see the "Dell™ Server PRO Management Pack 2.0 For Microsoft® System Center Virtual Machine Manager User's Guide".

USER NOTES
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This section provides information to enhance your experience with Dell Server PRO Management Pack for SCVMM 2008 and SCVMM 2008 R2.

* Dell Server PRO Management Pack does not monitor informational alerts. You must take appropriate action by looking at the system health in SCOM/SCE(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 will be only one sensor event reported for any sensor state transition on a given system. After you have cleared the alert, any subsequent alert will be 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 OpenManage Server Administrator or you stop OpenManage Server Administrator services, the health of the Dell PRO Pack discovered system will display as “healthy”. However, no alert and PRO Tip will be displayed in SCOM/SCE and SCVMM, respectively.

* All Unit Monitors will be disabled by default in Dell Server PRO Management Pack.

* Dell Server PRO Management Pack does not support upgrade from the previous release to the current release. Ensure that you delete Dell Server PRO Management Pack version 1.0 before importing Dell Server PRO Management Pack version 2.0. Any settings that you override for Dell Server PRO Management Pack 1.0 will not be carried forward to Dell Server PRO Management Pack 2.0.

* All Recovery actions can be overridden.(You can override any of the recovery actions.)

Remedial action of restricting server from hosting new virtual machines can be overridden to migrate virtual machines.

Remedial action of migrating virtual machines can be overridden to restrict server from hosting new virtual machines.

For more details, see the "Dell™ Server PRO Management Pack 2.0 For Microsoft® System Center Virtual Machine Manager User's Guide"

KNOWN ISSUES
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* When you choose to implement multiple PRO Tips during an alert storm, some of the PRO Tips may end up in a failed state. [DF297123]

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