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DELL(TM) Server PRO Management Pack 1.0 FOR MICROSOFT(R)
SYSTEM CENTER VIRTUAL MACHINE MANAGER (SCVMM) 2008 - README

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CUSTOMER RELEASE

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Version: 1.0
Release Date: May 2009

This release of the Dell PRO Management Pack enables you to proactively manage virtual environments and ensure high availability of your Dell Servers running 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 1.0 which can be imported to System Center Operations Manager (SCOM) 2007 SP1/System Center Essentials (SCE) 2007 SP1.

This file contains updated information for the "Dell Server PRO Management Pack 1.0 for SCVMM 2008 User's Guide" and any other technical documentation included with the Dell Server PRO Management Pack.

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This file contains the following sections:

- * Release Highlights
- * Installation and Upgrade
- * OS Support
- * User Notes
- * Known Limitations

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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 maintenance mode based on alerts generated by the host.

* Support for Dell OpenManage(TM) Server Administrator version 5.3 to 5.5 for x8xx to xx0x systems and 6.0.1/6.0.2 for xx1x Systems.

For further details of features supported in this release see the "Dell Server PRO Management Pack For SCVMM 2008 User's Guide".

INSTALLATION/UPGRADE
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Installation
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See the "Dell Server PRO Management Pack 1.0 For SCVMM 2008 User's Guide".

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Uninstallation
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See the "Dell Server PRO Management Pack 1.0 For SCVMM 2008 User's Guide".

OPERATING SYSTEM SUPPORT
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The Dell PRO Pack supported operating systems is captured in the following list.

Managed Node:

- Windows Server 2008 x64 Enterprise/DCE Hyper-v enabled
- Windows Server 2008 x64 Enterprise/DCE SC Hyper-v enabled
- Windows Server 2008 x64 STD Hyper-V enabled without Clustering
- Windows Hyper-V Server 2008 x64

Management Station:

- SCOM+SCVMM or SCE+SCVMM
- Windows Server 2008 x64 STD/ENT/DCE - Single System Setup

Distributed:

SCOM/SCE

- Windows Server 2003 with SP1, STD/ENT/DCE x86 & x64 Edition
- Windows Server 2008 with SP1, STD/ENT/DCE x86 & x64 Edition

SCVMM

- Windows Server 2008 x64 STD/ENT/DCE

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USER NOTES

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This section provides information to help enhance your experience with Dell PRO Pack for SCVMM '08

- * Dell Server PRO Management Pack Version 1.0 does not monitor informational alerts. You must take appropriate action by looking at the system health in SCOM/SCE state view, after implementing PRO Tips.
- * Dell Server PRO Management Pack Version 1.0 does not have multiple alerts on sensors (inclusive of Current, Voltage, Fan, and Temperature). This implies that there will be only one sensor event reported for any sensor state transition on a given system. After you have cleared the alert, the subsequent occurrence of the alert will be reported.
- * Dell Server PRO Management Pack Version 1.0 provides the default discovery cycle of 24 hours. You can override the discovery cycle time.
- * The Management Station Action Account needs Administrator privileges for discovery of the servers and power shell execution.
- * After a system discovery, if OpenManage Server Administrator is uninstalled or OpenManage Server Administrator services are stopped, then the health of the Dell PRO Pack discovered system still remains "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 Version 1.0

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KNOWN ISSUES

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This section provides information on open issues with this release of Dell PRO Pack for SCVMM '08

- * DF290142: If VMM service restart occurs while PRO Tip implementation is in progress, the running PRO Tip could be in hung state indefinitely.

- * DF290310: When you remove Dell PRO Pack Managed system from SCVMM, the associated alerts and PROTIPs are not removed in SCOM and SCVMM. Also, the Managed System would not be undiscovered in SCOM.
- * DF289065: When you change the PRO configuration in SCVMM, you need to wait for several minutes to see the PRO settings in effect due to the time lag involved in SCOM/SCE-SCVMM synchronization.
- * DF296984: When you override an "Error" severity monitor to generate a "Warning" severity alert, the PRO alert filter would not recognize the override.
- * DF293063: SCVMM runs the discovery process every 6 hours by default. Due to this reason, PRO Tips will not be seen for alerts generated prior to the discovery process being run.
- * DF297601: When you select multiple PRO Tips on SCVMM PRO Tip window and dismiss them, the SCVMM console may crash.
- * DF297123: When you choose to implement multiple PRO Tips during an alert storm, then some of the PRO Tips may end up in a failed state.

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