Dell Smart Plug-in For HP
Operations Manager 9.0 For
Microsoft Windows
Version 2.0

# Release Notes

# What's New

- Support for HPOM 9.0
- Support for 64 bit
- Support for OpenManage Server Administrator (Server Administrator)  version  6.4 and version 6.5

**OS Supported on the Management Server**

Ensure that you follow the requirements for Management Server and Console as per the guidelines provided in the HPOM 9.0 for Windows Installation Guide.

**New OS Supported on the Managed Node**

- Windows Server 2008 R2
- Windows Server 2008 R2 SP1
- Windows Small Business Server 2011 Essentials
- Windows Small Business Server 2011 Standard
- Windows Server 2008 HPC Edition Server R2 SP1
- Windows Storage Server - System Server
- Windows Storage Server 2008  Basic
- ESXi 4.0 U2 HDD
- ESXi 4.0 U2 Flash
- ESXi 4.0 U3 HDD
- ESXi 4.0 U3 Flash
- ESXi 4.1 U1

For the list of all OS supported, see "Dell Smart Plug-in Version 2.0 for HP Operations Manager 9.0 for Microsoft Windows User's Guide".

**New Platforms supported**

- PE M915
- PE R415
- PE R515
- PE R210II
- PE T110II
- PV NX200

# Installation

For information on installing the Dell Smart Plug-in (Dell SPI) for HP Operations Manager 9.0 for Windows, see the "Dell Smart Plug-in Version 2.0 for HP Operations Manager 9.0 for Microsoft Windows Quick Installation Guide".

## Prerequisites

Before installing the Dell SPI, ensure that your system meets the following minimum requirements:

**Hardware Requirements:**

Ensure that you follow the Hardware requirements for Management Server and Console as per the guidelines provided in the HPOM 9.0 for Windows Installation Guide.

**Software Requirements:**

**Management Server**

* HPOM 9.0 for Windows with the latest patches.
* SNMP service.
* WinRM 2.0 service.
* Proper DNS Configuration.
* WMI SNMP Provider.

**Managed Node**

* Supported Windows operating systems on Dell PowerEdge and PowerVault systems.
* Supported Linux operating systems on Dell PowerEdge systems.
* ESXi version 4.0 and above on Dell PowerEdge systems.
* SNMP service enabled with trap destination configured with management server details for trap communication on Windows, Linux, and ESXi systems.
* Server Administrator on Windows systems. The supported versions of Server Administrator for Windows systems are 5.5 to 6.5.
* Server Administrator on ESXi systems. The supported versions of Server Administrator for ESXi systems are 6.1 to 6.5. Enable the OEM CIM providers and ensure the management server communicates with the systems.
* Server Administrator on Linux systems. The supported versions of Server Administrator for Linux systems are 6.1 to 6.5.
* Proper DNS Configuration.

# Upgrade

The Dell Smart Plug-in Version 2.0 does not support Upgrade from previous versions.

# Open Issues and Resolutions

**Issue 1:**

Description: When you uninstall the Dell SPI, the following error is intermittently displayed: "The Setup must update files or services that cannot be updated while the system is running. If you choose to continue, a reboot will be required to complete the setup".

Resolution: You can ignore this error as the uninstallation of the Dell SPI is successful.

**Issue 2:**

Description: When you uninstall the Dell SPI, the following error is intermittently displayed on the HPOM console: "MMC has detected an error in a snap-in.

Resolution: It is recommended that you shut down and restart MMC. "When this error occurs, you must close the HPOM console and re-launch it again.

**Issue 3:**

Description: The Dell SPI does not support a multi-valued pattern for the fully qualified domain name (FQDN), IP Address, and Node name, for the external nodes. For example, if you provide an IP address pattern like 10.44.176. * to group and monitor nodes within that range, the Dell SPI does not recognize the pattern.

**Issue 4:**

Description: The uninstallation of the Dell SPI may take more than 2 minutes irrespective of the number of Dell devices you monitor.

**Issue 5:**

Description: You cannot launch the Server Administrator tool or the DWS tool from a remote console.

**Issue 6:**

Description: You must always uninstall the Dell SPI first before you uninstall HPOM.

**Issue 7:**

Description: Default values that Dell SPI uses for SNMP timeout and retries are 5 seconds and 1 retry respectively. Servers are not grouped under Dell Managed Systems if they do not respond, before the SNMP timeout value expires even after specified retries. If the servers are grouped under Dell Managed Systems and are not reachable before the SNMP timeout value expires, then the Global Health Status is displayed as a warning against the servers.

**Issue 8:**

Description:  After the installation of Dell SPI, if you manually create Dell Managed Systems Node group, the Dell Servers will not get grouped. To fix the issue, rename or Delete the group.

**Issue 9:**

Description: After the installation of Dell SPI, if you manually create Dell Managed Systems Node group, the Dell Servers will not get grouped. To fix the issue, rename or Delete the group.

Issue 10:

Description: The Manual modification of "Dell Managed Systems" Nodes sub tree and "Dell Hardware" service sub tree are not supported.

Issue 11:

Description: The Dell SPI configurator utility stores and retrieves 'snmptimeout' values only in multiples of 10. The Dell SPI configurator utility stores and retrieves 'snmptimeout' values only in multiples of 10.

# Corrected Problems

The following problems were reported in earlier releases of Dell SPI v1.1 and have been corrected in this release:

### Issue 1(DF407772): Empty node groups are not deleted from Dell Managed Systems group

When all nodes in either "Dell Monolithic Systems" group or "Dell Modular Systems" group or Chassis Service Tag group are deleted, after the grouping cycle the parent node group remains empty without any child nodes. This is taken care in Service Map where when all child nodes are deleted, the parent node group will be automatically deleted.

### Issue 2 (394776): Error message has to be modified for Normal user in Command Line Utility tool

When a user without admin Privilege tries to configure WSMAN username and password, an error message is displayed. The error message is, "Error: Unable to access Registry or Dell SPI is not installed"

### Issue 3 (415980): Size of the Dell SPI Installer increased with every Repair

For every repair action you perform from Add/Remove programs, the file size of the Dell SPI displays an increased value in Add/ Remove programs. However, there is no functionality impact or change in physical size of the Dell SPI.

# Global Support

For information on technical support, visit **dell.com/contactus**.

For information on documentation support, visit support.dell.com/manuals. On the Manuals page, click **Software ->Systems Management**. Click on the right-side, and select the product to access the documents.

**March 2011**