HP Operations Smart Plug-in for Virtualization Infrastructure

Software Version: 12.01
HP Operations Manager for Windows®, HP-UX, Linux, and Solaris operating systems

Release Notes

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The title page of this document contains the following identifying information:

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- Submit and track support cases and enhancement requests

- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract. To register for an HP Passport ID, go to:

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To find more information about access levels, go to:

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HP Operations Smart Plug-in for Virtualization Infrastructure Release Notes

For the HP Operations Manager for Windows®, HP-UX, Linux, and Solaris operating systems.

Software version: 12.01

Publication date: May 2016

This document is an overview of the changes made to the HP Operations Smart Plug-in for Virtualization Infrastructure (VI SPI). It contains important information that is not included in manuals or the Online Help. You can find information about the following in this document:

- What's New in This Release
- Supported Environments
- License for the Software
- Support Matrix
- Installation Notes
- Known Problems and Workarounds
- Limitations
- Documentation Updates
- Localization Support

What's New in This Release

X86 Virtualization Technology Evolution from HP Operations Agent to HP vPV

HP Operations Smart Plug-in for Virtualization (VI SPI) and HP OMi Management Pack for Infrastructure (OMi MP for Infrastructure) users can start to use a monitoring only edition of Virtualization Performance Viewer (HP vPV) for x86 Virtualization technologies such as VMware vSphere, Microsoft Hyper-V, KVM, and Xen.

HP announces the following updates with HP Operations Agent and HP Operations Smart Plug-ins for Infrastructure version 12.01:

- Operations Agent Virtual Appliance is discontinued
- VI SPI will not support X86 Virtualization

For x86 virtualization technologies, you can continue to use the VI SPI and the virtualization component of the OMi Management Pack for Infrastructure till the obsolescence of HP Operations Agent 11.1x. For non-x86 virtualization technologies (HPVM, AIX, Solaris), you can continue to use the VI SPI and VI Management Pack.

Some of the key benefits that you get with the technology evolution to HP vPV are:

- Improved scalability and interoperability
- Improved coverage of metrics

While the technology evolution entitles you to an equivalent capability replacement in HP vPV, you can get enhanced performance troubleshooting and capacity optimization of physical, virtual, and cloud technologies with the premium edition of HP vPV.

For more details visit hp.com/go/vpv.

Supported Environments

Before installing the VI SPI, make sure that your system meets the following minimum requirements for HP Operations Manager (HPOM) management server and managed nodes.

For information about the supported operating system architectures, release versions, and for recent updates, go to the support matrix URL: HP Software Support Matrix.

Management Server Requirements

The Infrastructure SPI is supported on HPOM for Windows, HP-UX, Linux, and Solaris operating systems. The following table lists the HPOM requirements and the HP Software products you must install on the management server. The patches mentioned are the minimum applicable level. Always apply the latest available patches.

Product Name	Operating system	Versions Supported	Patch/Hot fix
HP Operations Manager	Windows	9.00	OMW_00185
		8.16	OMW_00186
	HP-UX	9.21.100	OMUADMINUI_00012.zip, OMHPUX_00013.depot
		9.21.130	OMHPUX_00021
	Linux	9.21.100	OMUADMINUI_00012.zip, OML_00089.rpm
		9.21.120	OML_00098
		9.21.130	OML_00099
	Solaris	9.21.100	OMUADMINUI_00012.zip, ITOSOL_00811.shar
		9.21.120	ITOSOL_00818

Product Name	Operating system	Versions Supported	Patch/Hot fix
HP Performance Manager (to view graphs)	Windows	9.20	-
	Solaris	9.20	-
	Linux	9.20	-
		9.21.120	OML_00098
HP Reporter (to view reports)	Windows - 64 bit	4.00	-
	Windows - 32 bit	3.90	-
		3.80	-

* Contact HP Support to obtain the hotfix

Supported Agent Versions on Managed Nodes

The Infrastructure SPIs provide support to nodes running Windows, AIX, Linux, HP-UX, or Solaris operating systems. The following table lists the agent version that you must deploy on the managed nodes.

Product Name	Version supported
HP Operations Agent	12.01

Supported Virtualization Vendors/Technologies

- IBM AIX LPARs and WPARs
- Oracle Solaris Zones
- HP Integrity Virtual Machines (HPVM)

For supported version and architecture related information, visit the support matrix URL: HP Software Support Matrix

License for the Software

No separate license is required for the VI SPI. It is included with the purchase of HP Operations Agent Software LTUs (License to Use). Separate LTUs for SI SPI, CI SPI, and VI SPI are included with each HP Software Operations Agent LTU.

Support Matrix

You can find the Support Matrix for this product that lists all software and hardware requirements at this location: HP Support matrices.

Note: Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract. To find more information about support access levels, go to Access levels.

To register for an HP Passport ID, go to HP Passport Registration.

Installation Notes

Installation requirements, as well as instructions for installing the VI SPI are documented in the *Installation Guide (HP Operations Agent and Smart Plug-ins for Infrastructure Installation Guide)*.

Known Problems and Workarounds

The reference number for each defect is the Quality Center Change Request (QCCR) number. For more information about open defects, visit HP Software Support Online, or contact your HP Support representative directly.

QCCR1A163772: Installation of Infrastructure SPI 11.10 or above overwrites the policies in the policy group **Infrastructure Management**.

Workaround: Before installing Infrastructure SPI 11.10 or above, rename the policy group **Infrastructure Management**. For example: You can rename the policy group **Infrastructure Management** to **Infrastructure Management 2_01**, where 2_01 is the version number.

QCCR1A162736: Auto Action for node group addition on the server is timed out.

Workaround: Run the following command on the management server:

```
ovconfchg -ns eaagt -set  OPC_KILL_AUTO_ACTION_TIMEOUT 1000
```

QCCR1A153786: `Opcle` aborts when Infrastructure SPI policies are deployed on the node.

Workaround: None.

Limitations

- During the uninstallation of Infrastructure SPIs from HPOM for Windows 9.00 management server where HP Performance Manager 9.00 is installed, the following warning appears.

  ```
  The package HPSpiInfG 11.11.xxx (HP Software SPI for Infrastructure - Graphs);
  cannot be uninstalled. Dependent packages : HP Performance Manager.
  ```

  You can ignore the warning message.

- Some of the nested resource pools may not be discovered due to failure in getting UUID of parent resource pool. For more information, see QCCR1A162251.

Documentation Updates

The following documentation is available for VI SPI:

- HP Operations Agent and Smart Plug-in for Infrastructure Installation Guide
- Concepts Guide
- User Guide

The first page of this document identifies the:

- Version number for the software.
- Software release date.

To check for recent updates or to verify that you are using the most recent edition, visit the HP Software Product Manuals web site.

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Feedback on Release Notes (Operations Smart Plug-in for Virtualization Infrastructure 12.01)

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