Operations Smart Plug-in for Virtualization Infrastructure

Software Version: 12.04
Operations Manager for Windows®, HP-UX, Linux, and Solaris operating systems

Release Notes

Document Release Date: August 2017
Software Release Date: August 2017

Hewlett Packard Enterprise

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Operations Smart Plug-in for Virtualization Infrastructure Release Notes

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

Software version: 12.04

Publication date: August 2017

This document is an overview of the changes made to the 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

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- Documentation Updates

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What's New in This Release

X86 Virtualization Technology Evolution from Operations Agent to vPV

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

HPE announces the following updates with Operations Agent and 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 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 vPV are:

- Improved scalability and interoperability

- Improved coverage of metrics

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

For more details visit https://saas.hpe.com/en-us/software/cloud-optimizer.

Supported Environments

Before installing the VI SPI, make sure that your system meets the following minimum requirements for Operations Manager (OM) 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: Software Support Matrix.

Management Server Requirements

The Infrastructure SPI is supported on OM for Windows, HP-UX, Linux, and Solaris operating systems. The following table lists the OM requirements and the 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
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
Performance Manager (to view graphs)	Windows	9.20	-
	Solaris	9.20	-
	Linux	9.20	-
		9.21.120	OML_00098
Reporter (to view reports)	Windows - 64 bit	4.00	-
	Windows - 32 bit	3.90	-
		3.80	-

* Contact 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
Operations Agent	12.04

Supported Virtualization Vendors/Technologies

- IBM AIX LPARs and WPARs

- Oracle Solaris Zones

- Integrity Virtual Machines (VM)

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

License for the Software

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

Note: Most of the support areas require that you register as an 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 Passport ID, go to Passport Registration.

Installation Notes

Installation requirements, as well as instructions for installing the VI SPI are documented in the *Installation Guide (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 Software Support Online, or contact your 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 OM for Windows 9.00 management server where Performance Manager 9.00 is installed, the following warning appears.

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

- 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 Software Product Manuals web site.

To retrieve a document, select the:

1. **Product** name.

2. **Version** list.

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