
HP Operations Smart Plug-in for IBM WebSphere Application Server

for HP Operations Manager for Linux

Release Notes

Software version: 7.01/April 2010

This document provides an overview of the changes made to HP Operations Smart Plug-in for IBM WebSphere Application Server (WebSphere SPI) for the release 7.01. It contains important information not included in the manuals or online help.

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In This Version

The HP Operations Smart Plug-in for IBM WebSphere Application Server is for HP Operations Manager for Linux version 9.01.

New Features

- Support for HP Operations Manager for Linux version 9.01.
- The following metric is removed:
 - WBSSPI_0002

For information about customer-related enhancements and software fixes, see [Enhancements and Fixes](#).

Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.
- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, visit the following URL:

<http://h20230.www2.hp.com/selfsolve/manuals>

This site requires that you register for an HP Passport and sign-in. To register for an HP Passport ID, go to:

<http://h20229.www2.hp.com/passport-registration.html>

Or click the **New users - please register** link on the HP Passport login page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details.

NOTE: To view files in PDF format (*.pdf), Adobe Acrobat Reader must be installed on your system. To download Adobe Acrobat Reader, go to the following web site:

<http://www.adobe.com/>

Installation Notes

Installation requirements, as well as instructions for installing the WebSphere SPI, are documented in the *Installation and Configuration Guide for HP Operations Smart Plug-in for IBM WebSphere Application Server* provided in Adobe Acrobat (.pdf) format. The document file is included on the product's DVD media in the documentation directory.

Software and Hardware Support

Refer to the Support Matrix (SUMA) link

<http://support.openview.hp.com/selfsolve/document/KM323488> for the supported HP Operations Manager, application servers, HP Performance Agent, HP Performance Manager, and HP Reporter version.

For information on the archived obsolescence programs, refer to the Obsolescence Archive link

http://support.openview.hp.com/encore/om_spis_2009.jsp.

Upgrade Notes

You can upgrade the WebSphere SPI from HP Operations Manager for UNIX version 8.0x to HP Operations Manager for UNIX version 9.0x and HP Operations Manager for Linux version 9.0x. Be aware of the following limitations when you plan to install the WebSphere SPI 7.0x from SPI DVD 2009 and SPI DVD 2010 on a HPOM 9.0x, which has the WebSphere SPI 6.00 installed from SPI DVD 2008.

- You must complete the migration process from HPOM 8.xx to HPOM 9.0x before upgrading the WebSphere SPI to version 7.0x. Once the WebSphere SPI 7.0x is installed, migrating from HPOM 8.xx is not supported.
- You must take the backup of the content in the `/opt/OV/wasspi/wbs` directory before upgrading the SPI to the version 7.0x, in case you want to reuse the old content. When you upgrade the SPI to the new version, the old content in the `/opt/OV/wasspi/wbs` directory will be lost permanently.
- The HP-UX binary files will not work when migrated from HPOM for UNIX 8.0x to HPOM for Linux 9.0x.
- Having the WebSphere SPI version 6.00 (migrated from HPOM 8.xx) and WebSphere SPI version 7.0x (newly installed from SPI DVD 2009 or SPI DVD 2010) on HPOM 9.0x is an intermediate mode and you must move all managed nodes to the WebSphere SPI version 7.0x as soon as possible.
- If you have multiple SPIs deployed on a managed node, you can monitor the node either by SPI DVD 2008 SPIs or by SPI DVD 2009 or SPI DVD 2010 SPIs. Monitoring a node by combination of SPIs from SPI DVD 2008 and SPI DVD 2009 or SPI DVD 2010 is not supported.

- If you have the WebSphere SPI 7.0x installed on HPOM 9.0x systems, which also has the WebSphere SPI 6.00 as well, the following points are true:
 - You must configure the newly added managed nodes using the WebSphere SPI 7.0x.
 - No configuration is possible on the existing or old managed nodes monitored by the WebSphere SPI 6.00.

This is because the WebSphere SPI 6.00 configuration tools are overwritten by the WebSphere SPI 7.0x tools and these tools are incompatible.

- Patches for the WebSphere SPI version 6.00 must be installed before you start the HPOM migration process. Once the WebSphere SPI version 7.0x is installed, no patches or hot-fixes pertaining to the WebSphere SPI version 6.00 can be installed on the HPOM server.
- To launch the GUIs related to WebSphere SPI 7.0x, you must install X-windows client software on the machine from which you will launch the HPOM for UNIX 9.0x or HPOM for Linux 9.0x server Operator GUI.
- Installing patches that would be released in the future for the WebSphere SPI version 6.00 are not supported on HPOM for UNIX 9.0x or HPOM for Linux 9.0x after migration. However, a patch can be installed on the HPOM for UNIX 8.xx server and migrated to HPOM for UNIX 9.0x or HPOM for Linux 9.0x environment.
- Migration of Java Metric Builder (JMB) to HPOM for UNIX 9.0x server is not supported.
- Graph templates cannot be invoked from automatic action or Operator initiated action of alerts.
- After migration from HPOM 8.xx to HPOM 9.0x, when you run license reporting tool from HPOM 9.0x, the following errors would be reported. This is an expected behavior. You can ignore this error.

```
ERROR: (oprel-407) License status for 'SPI Name' is: Error
Can't check license status because of missing ID mapping file.
Please install the missing component and make sure that a
sufficient number of licenses is installed.
Error: '(oprel-130) ID mapping file does not exist: (oprel-129)
Can't find ID mapping file '/opt/OV/misc/EL/registration/<SPIname>.xml'
for plug-in '<SPIname>'. '
ERROR: (oprel-407) License status for 'SPI Name remote' is: Error
Can't check license status because of missing ID mapping file.
Please install the missing component and make sure that a
sufficient number of licenses is installed.
Error: '(oprel-130) ID mapping file does not exist: (oprel-129)
Can't find ID mapping file '/opt/OV/misc/EL/registration/<SPIname>.xml'
for plug-in '<SPIname>'. '
```

Enhancements and Fixes

To display details about each software enhancement or fix, click the reference number link to go to the HP Software Online Support web site. The first time you click a link, you must enter your HP passport information. To set up your passport profile, go to:

<http://h20229.www2.hp.com/passport-registration.html>

Fixes

[QXCR1000785668](#): < 5.10><WEBSPPHERE 6.0 ><OVOW/WIN2003> <WIN2003><SystemOut.log
errormessage>

[QCCR1A90228](#): Documentation defect for PMI Counters for UDM

[QCCR1A89015](#): OMi Support Required for WBSSPI

[QCCR1A91990](#): wasspi_wbs_files wbstextlogs shows repeated files in the command output

Known Problems, Limitations, and Workarounds

This release contains the following unresolved problems. Workarounds are provided wherever applicable.

- **Limitation:** The metrics WBSSPI_0220 to WBSSPI_0225 returns a valid value only if Entity Beans are present in the applications deployed on the WebSphere Application Servers.
- **Limitation:** The first run of WebSphere collection takes around 30 minutes.
- **Problem:** If the instrumentation files of more than one Web Application Server SPI are deployed on the same node, an error message (File name collision detected) appears in the HPOM message browser whenever a multiple occurrence of an instrumentation file is identified.
- **Problem:** When the instrumentation files of the WebSphere SPI and SHS component are deployed on the same node, an error message (File name collision detected) appears in the HPOM message browser whenever a multiple occurrence of XMLParser.pm is identified. This does not affect the configuration. You can ignore this error message.
- **Problem:** The output of Check WebSphere tool displays date format in English, in all locales. There is no workaround for this problem, in the current release.

Local Language Support

The SPI installers obtain the HPOM for UNIX locale from the ctrl.env namespace before proceeding with the SPI installation. Verify if the namespace has been set using the following command:

```
# /opt/OV/bin/ovconfget ctrl.env LANG
```

If the ctrl.env namespace is not set by the HPOM, run the following command on the HPOM Server before starting the SPI installation:

```
# ovconfchg -ns ctrl.env -set LANG <HPOM locale> where <HPOM locale> could be C, ja_JP, ko_KR, or zh_CN
```

Example: `ovconfchg -ns ctrl.env -set LANG ja_JP`

Depending on the <HPOM locale> value, the LANG variable in the ctrl.env namespace will be set to C.utf8, ja_JP.utf8, ko_KR.utf8, or zh_CN.utf8.

Documentation Errata

None

Support

You can visit the HP Software support web site at:

www.hp.com/go/hpsoftwaresupport

This web site provides contact information and details about the products, services, and support that HP Software offers.

HP Software online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- 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 an active support contract. To find more information about support access levels, go to the following URL:

http://h20230.www2.hp.com/new_access_levels.jsp

To register for an HP Passport ID, go to the following URL:

<http://h20229.www2.hp.com/passport-registration.html>

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