
HP Operations Smart Plug-in for BEA WebLogic 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 BEA WebLogic Application Server (WebLogic 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 BEA WebLogic 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:
 - WLSSPI_0002

Additional platform support

HP Operations Smart Plug-in for BEA WebLogic Application Server for HP Operations Manager for UNIX provides additional support to the following platform: Support for HP-UX MCSG and Veritas Cluster

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 WebLogic SPI, are documented in the *Installation and Configuration Guide for HP Operations Smart Plug-in for BEA WebLogic 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 WebLogic 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 WebLogic SPI 7.0x from SPI DVD 2009 and SPI DVD 2010 on an HPOM 9.0x, which has the WebLogic 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 WebLogic SPI to version 7.0x. Once the WebLogic 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/wls 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/wls 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 WebLogic SPI version 6.00 (migrated from HPOM 8.xx) and WebLogic 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 WebLogic 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 WebLogic SPI 7.0x installed on HPOM 9.0x systems, which also has the WebLogic SPI 6.00 as well, the following points are true:
 - You must configure the newly added managed nodes using the WebLogic SPI 7.0x.
 - No configuration is possible on the existing or old managed nodes monitored by the WebLogic SPI 6.00.

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

- Patches for the WebLogic SPI version 6.00 must be installed before you start the HPOM migration process. Once the WebLogic SPI version 7.0x is installed, no patches or hot-fixes pertaining to the WebLogic SPI version 6.00 can be installed on the HPOM server.
- To launch the GUIs related to WebLogic 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 WebLogic 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

[QCCR1A89016](#): OMi Support Required for WLSSPI

[QCCR1A89488](#): Collector process leaves behind too many unclosed file & process handles

[QCCR1A90053](#): WLSSPI 6.x and WBSSPI 6.x shows multiple hung JSpiCola processes

[QCCR1A92053](#): WLSSPI 6.x should Support Oracle WebLogic Server 10g3

[QCCR1A92844](#): Discovery fails on RHEL 5.2 DCE for WLSSPI_6.10

[QCCR1A96738](#): Editing any WLSSPI configuration file stops rmid process

Known Problems, Limitations, and Workarounds

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

- **Problem:** A scheduled metric failed message appears for the WLSSPI-Logfile-Monitor policy. For WLSSPI-Logfile-Monitor policy to work, le.dat and wls.log files must be created under the SPI log directory. These files are created only after the collector is run successfully for the first time. Hence the WLSSPI-Logfile-Monitor policy (that is scheduled to run after every minute) fails with a critical message until the 5min collector metric starts working.
- **Problem:** On restarting the WebLogic Application Server, the WebLogic SPI 7.0 collector might log negative values for the metrics WLSSPI_0070, WLSSPI_0071, and WLSSPI_0076 in the first collection cycle. The collector logs the correct values for these metrics in all the subsequent collection cycles.
- **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 WebLogic 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.

Local Language Support

HP Operations Smart Plug-In for BEA WebLogic Server Installation and Configuration Guide is localized in Japanese.

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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