

HP Operations Smart Plug-in for PeopleSoft

Software Release Notes



Manufacturing Part Number: None

Version 3.01

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1 **Announcements**

Announcements

HP Operations for Unix/Linux HP Operations Smart Plug-in for PeopleSoft version 3.01 is now available. The PeopleSoft SPI version 3.01 provides a market leading solution for the central monitoring and management of a PeopleSoft environment, including all the features summarized in this section.

Summary of Features in the PeopleSoft SPI

In combination with HP Operations for Unix/Linux, the HP Operations Smart Plug-in for PeopleSoft 3.01 provides:

- event-based management of the PeopleSoft environment
- pro-active notification of problems
- applications that allow centralized management of the different layers of a PeopleSoft environment
- monitoring of important PeopleSoft-specific components and parameters

In addition, if used in conjunction with HP Performance Manager and the HP Service Navigator, the HP Operations Smart Plug-in for PeopleSoft provides:

- communication with HP Performance Manager via the HP Performance Agent using the Data Source Integration feature
- both **system** and **instance** views of the monitored components in the PeopleSoft environment using the HP Service Navigator

Available Documentation

The following documentation is provided for HP Operations Smart Plug-in for PeopleSoft 3.01:

- On-line Documentation (PDF format)

On-line Documentation

The following manuals are supplied in portable document format (PDF) :

- *HP Operations Smart Plug-in for PeopleSoft: Administrator's Reference*
- *HP Operations Smart Plug-in for PeopleSoft: Software Release Notes*

NOTE

The documentation is no longer installed as part of the SPI package itself but is available in a separate folder on the HP Operations SPI-DVD.

2 **What's in this Version?**

What's in this Version?

This chapter gives a more detailed description of the main features provided with the PeopleSoft SPI version 3.01. It also indicates where to find more information on PeopleSoft SPI 3.01 and related products.

Features

HP Operations Smart Plug-in for PeopleSoft version 3.01 includes the following features:

- Supports OS versions HP-UX 11.31, Solaris 10, RedHat Enterprise Linux 5.2, 5.3 on the HPO/Unix management server
- Supports managed nodes running: HP-UX 11.11/11.23/11.31, AIX 5.2/5.3/6.1, Solaris 9/10, Windows 2003/2008, Linux 2.6
- Supports HPO/Unix 9.0 on HP-UX, Solaris and Linux management servers.
- Supports HPO/Unix 9.0 HTTPS agents.
- Supports PeopleSoft 8.44 - 8.50.
- Supports DB2 on Windows and Unix managed nodes.
- Supports Oracle on Windows and Unix managed nodes.
- Supports MSSQL on Windows managed nodes.
- PeopleSoft servers running on Windows managed nodes are integrated automatically into the PeopleSoft SPI service tree.
- Non-root Agent Support: PeopleSoft SPI is able to work in non-root agent environment. Additional configuration step is described in Administrator's Reference.
- Support for several Process Schedulers for one PeopleSoft database. The PeopleSoft SPI is able to monitor (monitors, logfiles, service tree) several Process Schedulers on one computer for the same PeopleSoft database.
- Encrypted passwords in PeopleSoft application and batch servers are supported.
- Uses the HP Operations SPI for Databases and IBM DB2 for all database access.
- Monitors, detects, and displays the status of PeopleSoft batch jobs as well as components such as the process scheduler
- Monitors log-files dynamically to keep track of any important events registered in the various, distributed error logs from PeopleSoft, Tuxedo, and any databases. The data are consolidated in a central

What's in this Version?

Features

log file for quicker and easier access.

- Provides pre-configured automatic actions help to ensure minimum server down time
- Pre-defined reports identify the owners of batch jobs that are causing problems (such as high system load) and help to prevent performance bottlenecks
- Monitors the status of all the crucial components in the PeopleSoft environment, such as applications and application servers, database servers, and sub-systems such as Tuxedo
- Monitors the status of WebLogic web servers on UNIX, the status of Windows WebLogic service. Monitors log-files for these web servers.

Related PeopleSoft SPI Products

The HP Operations Smart Plug-in for PeopleSoft product supports the following HP OpenView products:

- ❑ HP Operations for Unix 9.0 (and later).
- ❑ HP Reporter 3.7 (and later) and HP Performance Agent
- ❑ HP Operations Smart Plug-in for Databases A.09.00 or higher
- ❑ HP Operations DB2SPI A.03.50 or higher.

Information on the HP Operations Web Pages

For more information on HP Operations products check out the HP Operations web site found at:

<http://www.managementsoftware.hp.com/>

For patch information access the following HP Operations website:

<http://support.openview.hp.com/>

What's in this Version?

Related PeopleSoft SPI Products

3 **Known Problems and Workarounds**

Known Problems and Workarounds

This section describes any problems with the HP Operations Smart Plug-in for PeopleSoft software that are already known and that could not be fixed before release, and where necessary, provides recommended workarounds.

Known Problems

The problems are grouped into the following categories:

- “HPO/Unix Monitors and Commands”
- “Performance Agent Integration”
- “De-installation”
- “Activation”

HPO/Unix Monitors and Commands

1. Symptom

If a PeopleSoft Application server domain crashed or has been aborted ungraceful the SPI TMIB monitor may hang when accessing the Tuxedo TMIB.

Solution

Always shutdown domains properly. Try to re-boot or re-configure the domain. If this does not help you may need to re-boot the whole system.

Performance Agent Integration

1. Symptom

If a PeopleSoft Application server domain is down, the previous values about all other domain parameters will be used, i.e. the graphs will show a non-zero number of server processes, even if the domain is down.

Solution

Ignore the other graphs if the domain graph shows a zero value.

De-installation

1. Symptom

Known Problems

The de-installation of the SPI does not remove the created services representing the PeopleSoft environment.

Solution

Remove the services manually using the command
`opcservice -remove PS_SPI`

Activation

1. Symptom

After executing the applications **PS Activation** or **Get PS Cfg** on DCE managed nodes from HPO/Unix 9.x, strange messages appear in the message browser, containing long strings of hex numbers. The attributes of the messages are: **Object = FileData, MsgGroup = PSSPI, Application = psspi_spicl.pl.**

Solution

On an HPO 9.x management server, remote actions from DCE type managed nodes are not enabled by default. Thus, the special messages created in the PeopleSoft SPI from DCE managed nodes cannot activate automatic or operator initiated actions.

One solution might be:

- Create a new node group DCE.
- Assign the managed nodes with DCE type agents to this node group (you may only use the nodes which are relevant to the PeopleSoft SPI).
- On the management server, edit the file
`/etc/opt/OV/share/conf/OpC/mgmt_sv/remactconf.xml`
and add a new rule:

```
<rule>
  <doc>Target node MgmtSrv OK if sender in DCE
  node group and uncertified</doc>
  <if>
    <target><mgmtsrv/></target>
    <source><nodegroup>DCE</nodegroup></source>
    <certified>>false</certified>
```

```
</if>  
<allow/>  
</rule>
```

- Restart the failed application.

Known Problems and Workarounds

Known Problems

4 **Compatibility and Installation Requirements**

Compatibility and Installation Requirements

This chapter describes:

- Supported management server platforms, agent platforms, database versions and operating systems.

Operating System and Management Server Platforms Supported by the PeopleSoft SPI

The following tables indicate which versions of the operating system, the HPO/Unix management server software, and the PeopleSoft software are supported by the HP Operations Smart Plug-in for PeopleSoft 3.01.

Table 4-1 Management-Server Platforms and Operating Systems

OS	Supported OS Versions
HP-UX	11.31
Solaris	10
RedHat Enterprise Linux	5.2, 5.3

Table 4-2 HPO/Unix Management-Server Versions

Product Name	Supported Versions
HP Operations for Unix/Linux	9.0

Table 4-3 PeopleSoft Versions Supported with the PeopleSoft SPI

Product Name	Supported Versions
PeopleTools	8.44 - 8.50

Database versions Supported by the PeopleSoft SPI

The HP Operations Smart Plug-in for PeopleSoft 3.01 supports the following versions of the Oracle database on the PeopleSoft servers:

- Oracle (version depends on SPI for Oracle)
- Microsoft SQL server (version depends on SPI for MSS)
- IBM DB2 (version depends on DB2SPI)

Agent Platforms and OS Supported by the PeopleSoft SPI

The following table provides information about the agent platforms and operating systems now supported by the HP Operations Smart Plug-in for PeopleSoft 3.01:

Table 4-4 Agent Platforms and Operating System Support

OS	Supported OS Versions
HP-UX	11.11, 11.23, 11.31
AIX	5.2, 5.3, 6.1
Solaris	9,10
Windows	Windows 2003 Windows 2005
Linux	Linux 2.6

Compatibility and Installation Requirements
Agent Platforms and OS Supported by the PeopleSoft SPI

Product/Release Matrix

This section provides information about inter-product relationships.

Product Version Information

HP Operations Smart Plug-in for PeopleSoft 3.01 is the latest release. The product name is HPOvSpiPeopleSoft.

For more information, see the sections on product bundles and filesets in Appendix A of the *HP Operations Smart Plug-in for PeopleSoft: Administrator's Reference*.

Software Availability

A localized version of HP Operations Smart Plug-in for PeopleSoft is not currently available for this release.

Documentation is available in English.

6 **Version Information and File Placement Plan**

This section lists the directories in which the product files are placed during installation.

Version Strings

The following is an example of the output generated by the `what(1)` string on a system where the HP Operations Smart Plug-in for PeopleSoft is installed:

```
HP Operations Smart Plug-in for PeopleSoft 3.01
```

File Placement Plan

The following is a list of directories locations for product-specific files:

PeopleSoft SPI `/opt/OV/psspi`¹

The following is a list of directories locations for product files on the HPO/Unix management server:

`/var/opt/OV/share/psspi`²

The following is a list of directories locations for product files on the HPO/Unix managed nodes:

`/var/opt/OV/psspi`²

For a list of all files in the product on HP-UX, you can enter the command:

```
/usr/sbin/swlist -l file SPI-PS-CFG
```

For a list of all files in the product on Linux, you can enter the command:

```
rpm -ql HPOvSpiPeopleSoft
```

1. on DCE AIX this is `/usr/lpp/OV/...`
2. on DCE AIX this is `/var/lpp/OV/...`