HP Service Oriented Architecture Manager Software

For UNIX and Microsoft Windows operating systems

Release Notes

Software version: 2.51/17 December 2007

This document provides an overview of the changes made to HP Service Oriented Architecture Manager (HP SOA Manager) Software version 2.50. It contains important information not included in the manuals or in the online help.

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In This Version

The features added in this version are as follows.

- Integration with HP SOA Systinet 2.52 (Service Pack 2)for SOA governance

  — Support for design time and run time governance in a SOA environment that includes the following:

    1.) Import services and associated runtime policies from Systinet ,to SOA Manager for runtime governance.

    2.) Provision services imported from Systinet using SOA Manager to define additional runtime policies and create the access points for the services.

    3.) Publish technical policies from SOA Manager to Systinet

    4.) Expose web service performance metrics from SOA Manager to Systinet

    5.) Update Systinet to include technical policy updates

- UDDI version support

  — SOA Manager now supports UDDI version v3 only.

- Service protection policy

  — Users can use this policy to restrict access to end points managed during abnormal peak loads to prevent service disruption.

- Audit Policy Enhancement

  — Enhanced the audit policy to trace and capture the header information for SOAP messages.

- Support for Internet Explorer 6

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, go to the following web site:
http://ovweb.external.hp.com/lpe/doc_serv/

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 HP SOA Manager, are documented in the *HP SOA Manager Installation Guide* provided in Adobe Acrobat (.pdf) format. The document file is included on the product's CD media as:

\Documentation

Software and Hardware Requirements

Before installing HP SOA Manager, make sure that your system meets the following minimum requirements:

Hardware

- SOA Manager

CD-ROM drive	2X
Processor	Intel® platforms: 400 MHz or higher, x86 platforms: 200 MHz or higher
RAM	Windows or UNIX®: 512 MB per processor with a minimum of 1 GB

- WSM Broker

CD-ROM drive	2X
Processor	Intel® platforms: 400 MHz or higher, x86 platforms: 200 MHz or higher
RAM	Windows or UNIX®: 512 MB per processor with a minimum of 1 GB

- WSM J2EE agent

CD-ROM drive	2X
Processor	Intel® platforms: 400 MHz or higher, x86 platforms: 200 MHz or higher
RAM	Windows or UNIX®: 512 MB for a processor with a minimum of 1 GB

- WSM .NET agent

CD-ROM drive	2X
Processor	Intel® platforms: 400 MHz or higher
RAM	512 MB for a processor with a minimum of 1 GB

Operating System Platforms

Component	Supporting platform
SOA Manager server	Microsoft Windows® 2003 Server, HP-UX 11.11i, HP-UX 11.23 Itanium, Red Hat Linux Advanced Server 4.0
WSM broker	Microsoft Windows 2003 Server, HP-UX 11.11i, HP-UX 11.23 Itanium, Red Hat Linux Advanced Server 4.0
WSM J2EE agent	Microsoft Windows 2003 Server, HP-UX 11.11i, Red Hat Linux Advanced Server 4.0
WSM .NET agent	Microsoft Windows 2003 Server

- Software

  — SOA Manager Server

Java	JVM 1.4.2_12 (version 1.5 is not supported)
Optional databases supported	Oracle® 9i and Oracle® 10g. Refer to the Oracle documentation for specific system requirements
Browsers	IE 6/7 and Mozilla Firefox 2.0 with support for Adobe Flash Player 9.0 and later.

  — WSM Broker

Java	JVM 1.4.2_12 (version 1.5 is not supported)
Browsers	IE 6/7, Mozilla Firefox 2.0

  — WSM J2EE Agent

Java	Version provided with WebLogic Server
Application Server	WebLogic Server 8.1.x. Refer to the WebLogic documentation for specific system requirements
Additional software	Ant 1.5.x. Refer to the Ant documentation for specific system requirements

  — WSM .NET Agent

Web Server	Microsoft Internet Information Services (IIS) version 5+. Refer to the IIS documentation for specific system requirements
Additional software	Microsoft .Net Framework version 1.1.4322. Refer to the .NET Framework documentation for specific system requirements

- Disk space

Component	Requirement
SOA Manager server	100 MB (installation), 256 MB (runtime)
WSM broker	100 MB (installation), 256 MB (runtime)
WSM J2EE agent	64 MB (installation), 256 MB (runtime)
WSM .NET agent	64 MB (installation), 256 MB (runtime)

Installation Problems

- After installation, the MIP_JAVA_HOME might not be set to the proper JDK version.
  Workaround: Set MIP_JAVA_HOME environment variable to the JDK HOME directory you selected.

- The SOA Manager short cut is not created in Quick Launch tool bar on Windows 2003 even after choosing the option during installation.
  Workaround: Add the shortcut manually after installation.

- Icons created as shortcuts for SOA Manager on Linux platform do not work correctly due to the presence of white space characters in the directory path for the shortcuts.

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://support.openview.hp.com/support.jsp

Enhancements

- Allow re-provisioning of failed sessions for the service provisioning process

Fixes

Fixes for the following issues and enhancements are included in this release:

- JMS mediation does not work properly if you do not enable security on JMS transport.

- The generated proxy web service WSDL uses the port type corresponding to the binding when the number of bindings in the WSDL is one.

- Enhancement to suppress web server information while sending the response to the client.

Known Problems, Limitations, and Workarounds

Installation

- On Microsoft Windows systems, if the operating system is installed on any drive other than C:\SOA Manager, the components startup script displays error.

Workaround: Edit the environment variable AUTOPASS_HOME and change the drive name from C to the drive where the operating system is installed.

- It is not recommended to install multiple versions of HP SOA Manager on the same computer as an uninstall operation might not cleanup the installation completely.
Workaround: If you had installed multiple versions, use windows uninstaller to ensure all components are completely uninstalled.

HP SOA Web Interface

- There is no support to change the role of a user.
Workaround: To change the role of a user, delete the user and add the user again. Stakeholders must be set again in service configurations if required.

- While setting dependencies, avoid setting cyclic dependency. Cyclic dependency might result in `OutOfMemoryError` in SOA Manager.

- While accessing SOA Manager web interface, if the session expires, it is advised to close the browser window and log in again.

- Logging in to SOA Manager web interface displays an error when the load on SOA Manager Broker is high.
Workaround: Increase the maximum memory for the specific processes.

JMS Support

- JNDI and connection security parameters can be specified only according to the specific vendor in SOA Manager Broker. It is not possible to define different security parameters according to a service.

- JMS Topic type destination style is not supported in this release.

- It is not possible to attach or remove JMS mediation policies during service modification. This policy can be associated only while provisioning the service.

Other HP Software Integrations

SOAM HP Operations Manager for UNIX Plug-in startup script shows `tail: cannot open input` error.

Workaround: To avoid seeing this error, do as follows:

Edit the start-soam-ovou.sh script and disable the following line by commenting it as follows:
`#/usr/bin/tail -1cf /var/opt/OV/log/soam-ovou0.0.en`

When SOA Manager and HP Operations Manager (HPOM) for UNIX Software are installed on the same machine, uninstall of either HPOM or SOA Manager will result in installation inconsistencies.

Integration with Other HP Software Solutions

- HP SOA Systinet 2.52- Integrated solution for SOA governance.

- HP Select Access 6.2:- Basic Security Integration

- HP Service Navigator:- Basic service navigator tree update capability, round trip event notification

- HP BPI:- Extend BPI model for monitoring of Web services for health and business content alerting

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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