
HP Service Oriented Architecture Policy Enforcer

for the Windows®, HP-UX, Linux, and Solaris operating systems

Release Notes

Software version: 3.10/13 February 2009

This document provides an overview of the changes made to HP Service Oriented Architecture Policy Enforcer (SOA PE) Software version 3.10. It contains important information not included in the manuals or in the online help.

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In This Version

- Better policy enforcement visibility
 - Policy enforcement exceptions are now visible in the Dashboard in place of service performance metrics
 - Policy visibility GUI component to identify the policies enforced on a service during the request and response phases.
- Support for policy distribution to third party Policy Enforcement Point (Sona ServiceNet)
- Support for WS-Reliable Messaging 1.1 specification
- Support for WS- Security Security Security Assertion Markup Language (SAML) token profile specification at outbound
- Platform Updates:
 - Solaris 10
 - HP-UX 11.31 (PA-RISC and Itanium)
- Terminology Updates
 - Changed *alerts* throughout the GUI to *notifications*
 - *Renamed Technical Policies* to *Policies*
- Functionality Removed:
 - Removed agents and related information
 - Performance metrics and related alerts

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 SOA PE, are documented in the *HP SOA Policy Enforcer 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 SOA PE, make sure that your system meets the following minimum requirements:

Hardware

- SOA PE

DVD-ROM Drive	
Processor	Intel® platforms: 1 GHz or higher, x86 platforms: 1 GHz or higher ,PA-RISC 1 GHz
RAM	Windows or UNIX®: 512 MB per processor with a minimum of 1 GB

- SOA PE Broker

DVD-ROM Drive	
Processor	Intel® platforms: 1 GHz or higher, x86 platforms: 1 GHz or higher ,PA-RISC 1 GHz
RAM	Windows or UNIX®: 512 MB per processor with a minimum of 1 GB

- Disk space

Component	Requirement
SOA PE	1.14 GB (installation), 1 GB (runtime)
SOA PE Broker	600 MB (installation), 1 GB (runtime)

Operating System Platforms

Component	Supporting platform
SOA PE	Microsoft Windows® Server 2003, HP-UX 11.11i, HP-UX 11.23 Itanium, HP-UX 11.23 PA-RISC, HP-UX 11.31 Itanium, HP-UX 11.31 PA-RISC, Red Hat Linux Advanced Server 4.0, Solaris 10
SOA PE Broker	Microsoft Windows Server 2003, HP-UX 11.11i, HP-UX 11.23 Itanium, HP-UX 11.23 PA-RISC, HP-UX 11.31 Itanium, HP-UX 11.31 PA-RISC, Red Hat Linux Advanced Server 4.0, Solaris 10

- Software

- SOA PE

Java	JDK 1.4.2_16 and later or JDK 1.5 (recommended), JRockit 1.4, JRockit 1.5
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.

- SOA PE Broker

Java	JDK 1.4.2_16 and later or JDK 1.5, JRockit 1.4, JRockit 1.5
Browsers	IE 6/7, Mozilla Firefox 2.0

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

- WSDLs that import other documents from remote locations are handled properly.
- Identity propagation using HTTP header: SOA PE Broker propagates identity of the authenticated user along with other LDAP attributes to the functional service.

Fixes

- Allow deletion of services provisioned from HP SOA Systinet if the service is not available in the Registry.
- Fix for displaying end points when both SOAP and non SOAP end points are configured for a service in the Registry.

Known Problems, Limitations, and Workarounds

Installation

- 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 PE 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 PE on Linux platform do not work correctly due to the presence of white space characters in the directory path for the shortcuts.
- On Microsoft Windows systems, if the operating system is installed on any drive other than the C drive, 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 SOA PE 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.

Service Provisioning

Service provisioning fails due to schema download error in the following scenario:

- Provision a service that is configured to import another WSDL
- The imported WSDL in turn imports a schema

Workaround: The failure occurs as the schema is attempted to be imported as a WSDL. You must import the XSD as a schema to resolve this issue.

User 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 PE.
- While accessing SOA PE user interface, if the session expires, it is advised to close the browser window and log in again.
- Logging in to SOA PE user interface displays an error when the load on SOA PE Broker is very high. Workaround: Increase the maximum memory for the specific processes.

SOA PE Systinet Integration Issues

When a policy is deleted from SOA PE, the policy is deleted from the repository; however you must manually remove the policy from the required registries and other SOA PE(s).

JMS Support

- JNDI and connection security parameters can be specified only for the vendor in SOA PE Broker. It is not possible to define different security parameters for each service.
- It is not possible to attach or remove JMS mediation policies during service modification. This policy can be associated only while provisioning the service.
- Protocol switching between Http and JMS has problems when JMS provider is Weblogic 8.1 and Broker is running on JDK 1.5. This is a known issue with WebLogic 8.1, see <http://forums.bea.com/thread.jspa?threadID=200080799> for more details.

Security

- Every authorization policy is associated with an intermediary group. When an intermediary group is deleted the associated authorization policies must be manually deleted.
- SOA PE updates the policy enforcement exception count in the event of an authentication failure when accessing a service to which an X.509 certificate is associated. SOA PE does not update the exception count in the event of a failure to access the service due to other reasons such as an unsuccessful decryption, an invalid certificate, and so on.

Integration with Other HP Software Solutions

- HP SOA Systinet 3.10: Integrated solution for SOA governance and improved lifecycle transition.
- 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.
- HP Diagnostics 8.00: Provides advanced service monitoring features.

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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For information about third-party and/or open source license agreements, see Installation\license\thirdparty directory on the product installation media.

This product includes ANTLR (<http://www.antlr.org>).

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

This product includes CUP Parser Generator.

This product includes software developed by the DOM4J Project (<http://www.dom4j.org>).

This product includes HSQLDB.

This product includes ICU.

This product includes software developed by the Jaxen Project (<http://www.jaxen.org/>).

This product includes Jena.

This product includes software developed by the MX4J project (<http://mx4j.sourceforge.net>).

This product includes copyrighted software developed by E. Wray Johnson for use and distribution by the Object Data Management Group (<http://www.odmg.org/>).

To view open source code, see the Installation\license\thirdparty\source directory on the product installation media.

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Product name:

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