Contents

Identity Server 6.0 Policy Agents Release Notes

Updated April 2003

Overview

This edition of the release notes contains important information on the new Sun™ One Identity Server 6.0 Policy Agents, version 2.0.

Read this document before installing the product. This document contains the following sections:

- What's New
- Supported Platforms
- General Notes
- For More Information
- Sending Your Comments

What's New

The Policy Agents 2.0 support the following Web Servers and Applications Servers.

Web and Proxy Servers

- Sun ONE Web Server 6.0 SPx

- Sun ONE Web Server 4.1 SP8

- Sun ONE Web Proxy Server 3.6 (in reverse proxy mode)

- Apache 1.3.26

- Microsoft IIS 4.0

- Microsoft IIS 5.0

- IBM HTTP Server 1.3.19

- Lotus Domino 5.0.10

Application Servers

- WebLogic 6.1 SP2

- IBM Websphere 4.0.4 AE

- Sun ONE Application Server 7.0

Supported Platforms

This section lists the supported platforms for the Identity Server Policy Agents. For information on product enhancements, installation notes, and/or known problems for individual Policy Agents, click the link for the appropriate platform.

Web and Proxy Agents

- Policy Agents for Solaris 8 and 9

- Policy Agent for Windows 2000

- Policy Agent for Windows NT

- Policy Agent for Red Hat Linux 7.2

J2EE Agents

- Policy Agent for WebLogic 6.1 SP2

- Policy Agent for WebSphere 4.0.4 AE

- Policy Agent for Sun ONE Application Server 7.0

Key Features

Web Agents

- A redesigned enhanced Policy Evaluation API in C, which supports more elaborate policies defined on the Sun ONE Identity Server.

- Support for POST Data Preservation in Sun ONE Web Server agents.

- New Policy Agents on Red Hat Linux 7.2 and Solaris 9 platforms.

- Global Not Enforced IP Address List.

- Setting Fully Qualified Domain Name.

- Global Enforced URL List.

- Enforcing Authentication Only without Enforcing Policies.

NOTE   Key features of the J2EE Agents are provided in the respective chapter for each agent.

General Notes

It is highly recommended that Identity Server and Agent administrators delete all the debug files that get created when running the product in debug mode immediately after its usage. In debug mode, all activities performed by the Identity Server and agents are dumped into the debug files for fault detection and may contain sensitive data. Consequently, debug files take a lot of space on disk which may hamper optimal system performance.

For More Information

Useful Sun ONE information can be found at the following Internet locations:

- Sun ONE release notes and other documentation --- `http://docs.sun.com/db/prod/sunone/`

- Sun ONE product status --- `http://www.sun.com/products/`

- Sun Support information --- `http://www.sun.com/service/support/`

- Sun ONE Middleware developer information --- `http://www.sun.com/developers/support/`

Sending Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. Email your comments to Sun at this address:

`docfeedback@sun.com`

Policy Agents for Solaris 8 and 9

These release notes contain important information on the Policy Agents for Solaris versions 8 and 9.

Read this document before installing the product. Topics include:

- Installation Notes
- Supported Servers
- New Features
- Notes
- Fixed Problems
- Known Problems

Installation Notes

Detailed steps to install Sun ONE Identity Server Policy Agents for the supported servers are provided in the Policy Agent Guide.

Supported Servers

On Solaris 8

- Sun ONE Web Server 6.0 SPx
- Sun ONE Web Server 4.1 SP8

- Sun ONE Web Proxy Server 3.6 (in reverse proxy mode)

- Apache 1.3.26

- IBM HTTP Server 1.3.19

- Lotus Domino 5.0.10

On Solaris 9

- Sun ONE Web Server 6.0 SPx

- Apache 1.3.26

New Features

This section provides a list of new features available with the Policy Agents.

IBM HTTP Server Policy Agent

- A redesigned enhanced Policy Evaluation API in C, which supports more elaborate policies defined on the Sun ONE Identity Server.

- Global Not Enforced IP Address List

- Setting Fully Qualified Domain Name

- Global Enforced URL List

- Enforcing Authentication Only without Enforcing Policies

Lotus Domino Policy Agent

- A redesigned enhanced Policy Evaluation API in C, which supports more elaborate policies defined on the Sun ONE Identity Server.

- Global Not Enforced IP Address List

- Setting Fully Qualified Domain Name

- Global Enforced URL List

Notes

Policy Agent for Apache 1.3.26 updates cache through polling mode only. By default, the following property in `AMAgent.properties` is set to `false`:

```
com.sun.am.policy.am.notificationEnabled = false
```

The user should not change this property to `true` for this Agent.

Fixed Problems

IBM HTTP Server 1.3.19

- First value not displayed for objectclass attribute

  Occasionally, the first value is not displayed for objectclass attribute that is added to HTTP LDAP header. (#4772908)

Known Problems

IBM HTTP Server Policy Agent

Error message not displayed when a null value or space is entered for installation directory.

During agent installation, if space or null value is entered for installation directory, the installation program proceeds without displaying any error message and the agent is installed in the default directory (/opt). (#4780331)

Lotus Domino Policy Agent

- LDAP header attribute setting does not work in Policy Agent 2.0 for Lotus Domino.

  Ensure that the `AMAgent.properties` file property `com.sun.am.policy.am.fetchHeaders` is set to false.

- The Policy agent does not support upper case letters in URL. Domino Web Server converts all upper case letters present in URL to lower case letters. However, it supports mixed case letters in the Domino database (`.nsf` files).

- Domino agent does not support more than one cookie set for `cookie_reset_enabled` property.

Policy Agent for Windows 2000

These release notes contain important information on the Policy Agent for Windows 2000.

Read this document before installing the product. Topics include:

- Installation Notes

- Supported Servers

- New Features

- Known Problems

Installation Notes

Detailed steps to install Sun ONE Identity Server Policy Agents for the supported servers are provided in the Policy Agent Guide.

Supported Servers

- Lotus Domino 5.0.10

- IIS 5.0

- Sun ONE Web Server 6.0 SPx

New Features

- A redesigned enhanced Policy Evaluation API in C, which supports more elaborate policies defined on the Sun ONE Identity Server.

- Global Not Enforced IP Address List

- Setting Fully Qualified Domain Name

- Global Enforced URL List

Known Problems

Lotus Domino 5.0.10

- LDAP header attribute setting does not work in Policy Agent 2.0 for Lotus Domino.

  Ensure that the `AMAgent.properties` file property `com.sun.am.policy.am.fetchHeaders` is set to false.

- The Policy agent does not support upper case letters in URL. Domino Web Server converts all upper case letters present in the URL to lower case letters. However, it supports mixed case letters in the Domino database (`.nsf` files).

- Agent for Domino does not support more than one cookie set for `cookie_reset_enabled` property.

Microsoft IIS 5.0

After installing a Policy Agent on IIS 5.0, stopping individual web sites may occasionally lead to memory corruption messages. You can ignore these messages and restart the IIS server.

Policy Agent for Windows NT

These release notes contain important information on the Policy Agent for Windows NT.

Read this document before installing the product. Topics include:

- Installation Notes

- Supported Server

- Fixed Problems

- Known Problems

Installation Notes

Detailed steps to install Sun ONE Identity Server Policy Agents for the supported servers are provided in the Policy Agent Guide.

Supported Server

Microsoft IIS 4.0

Fixed Problems

None

Known Problems

Internet Services Hang When Attempting Shutdown Of Individual Websites
It is highly recommended that you do not shut down your websites individually.
Instead, you should shut them down collectively by stopping the IIS Admin
Service, restarting the IIS Admin Service, and then restarting the individually
managed services.

1. To stop the IIS Admin Service, execute the following command from the
   command line:

   ```
   c:\>net stop iisadmin /y
   ```

   Alternatively, you can shutdown the IIS Admin Service from the Services
   menu:

   a. Under the Start menu, select Control Panel.

   b. Click on Services.

   c. Select IIS Admin Service.

   d. Click Stop.

   This will shutdown all internet services managed by the IIS admin process,
   including FTP services, WWW services and SMTP services.

2. To restart the ISS Admin Service, execute the following command from the
   command line:

   ```
   c:\>net start iisadmin
   ```

   Alternatively, you can restart the services from the Services menu:

   a. Under the Start menu, select Control Panel.

   b. Click on Services.

   c. Select IIS Admin Service.

   d. Click Start.

3. To restart the individual services, execute the following command from the
   command line:

   ```
   c:\>net start w3svc
   ```

   Alternatively, you can restart the individual services from the Services menu:

   a. Under the Start menu, select Control Panel.

    b. Click on Services.

    c. Select World Wide Web Publishing.

    d. Click Start.

IIS 4.0 Stop Problem

After installing a Policy Agent on IIS 4.0, stopping individual web sites may occasionally lead to memory corruption messages. You can ignore these messages and restart the IIS server.

Known Problems

Policy Agent for WebLogic 6.1 SP2

These release notes contain important information on the Policy Agent for WebLogic, version 6.1 SP2.

Read this document before installing the product. Topics include:

- Installation Notes
- New Features
- Fixed Problems
- Known Problems

Installation Notes

Detailed procedures to help you install the Policy Agent for WebLogic 6.1 SP2 are provided in the Policy Agent Guide.

New Features

- The SSO Token associated with the logged on user is now available throughout the system including the Servlet Container and the EJB Container. Please refer to the documentation for exact API details.

- Stand alone installation program.

- Support for complete Sun ONE Identity Server Software Development Kit APIs, which can be used to create security aware applications that take advantage of Sun ONE Identity Server features and services.

Fixed Problems

The following are the known problems from previous WebLogic Agent releases which have been fixed in this release:

- Agent cache is not updated when the user profile changes in Identity Server.

  This problem has now been fixed and any changes made to the user profile in the Identity Server are picked up by the Agent immediately.

- Agent restores WebLogic Server configuration to its previous state on uninstallation.

  In this release, the Agent uninstaller does not modify the existing `config.xml` file of WebLogic Server. All the necessary changes that must be made to this file for uninstalling the Agent must be done using the WebLogic Console. Refer to *Policy Agent Guide*.

- WebLogic Server does not startup correctly when LDAPS is configured.

  This problem has been fixed and the Agent can now be configured to use LDAPS communication with Identity Server's Directory Server instance, thereby providing complete end-to-end SSL support for deployment requirements as needed.

Known Problems

None

Policy Agent for WebSphere 4.0.4 AE

These release notes contain important information on the Policy Agent for IBM WebSphere 4.0.4 AE.

Read this document before installing the product. Topics include:

- Installation Notes
- New Features
- Fixed Problems
- Known Problems

Installation Notes

Detailed procedures to help you install the Policy Agent for IBM Websphere 4.0.4 AE are provided in the Policy Agent Guide.

New Features

- The SSO Token associated with the logged on user is now available throughout the system including the Servlet Container and the EJB Container. Please refer to the documentation for exact API details.

- Support for complete Sun ONE Identity Server Software Development Kit APIs, which can be used to create security aware applications that take advantage of Sun ONE Identity Server features and services.

Fixed Problems

- Expanding the installer panels does not resize the screen. (#4770281)

- Command-line installation does not allow user to go back to previous step.

- The uninstallation program does not remove the package `SUNWamwas` if WebSphere configuration is done manually. (#4776991)

- User may encounter session synchronization problem if Apache or iPlanet Web Server Policy Agent is used. (#4766715)

- Segmentation error

  The child process is exited with a segmentation error when Apache server is used. This is identified as bug in Apache API ap_custom_response(..), which is used in the Agent code for redirection to Identity Server.

- WebSphere Server does not start properly when LDAPS is configured. (#4714511)

Known Problems

When a request is passed from Identity Server to Web Agent, the LDAP Attribute header name containing the lower case characters change to upper case, the header is prefixed with "HTTP" key, and hyphen (-) is changed to underscore (_). These changes are undone when the request is passed from Web Server to WebSphere Application Server. (#4767485)

Policy Agent for Sun ONE Application Server 7.0

These release notes contain important information on the Policy Agent for Sun ONE Application Server 7.0.

Read this document before installing the product. Topics include:

- Installation Notes
- New Features
- Fixed Problems
- Known Problems

Installation Notes

Detailed procedures to help you install the Policy Agent are provided in the Policy Agent Guide.

New Features

- The SSO Token associated with the logged on user is now available to the application through the Web Container and the EJB Container. Please refer to the documentation for exact API details.

Fixed Problems

- Sun ONE Application Server instance does not start properly when LDAPS is configured. (#4714511)

Known Problems

None