

CA eTrust SiteMinder Agent r6.0 for IBM WebSphere Release Notes

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1. Features of the SiteMinder Agent for IBM WebSphere

The SiteMinder Agent for IBM WebSphere provides a SiteMinder-based access control solution for the IBM WebSphere Application Server. The IBM WebSphere Application Server is integrated into the SiteMinder environment, enabling you to configure security policies to protect WebSphere-hosted Web applications and EJB resources.

The SiteMinder Agent r6.0 for IBM WebSphere provides the following features:

- SiteMinder integration with the J2EE platform
- Fine-grained access control of the following J2EE resources:
 - Web Applications (including servlets, HTML pages, JSP, image files)
 - EJB components
- Support for bi-directional SiteMinder and WebSphere single sign-on (SSO)
- Support for WebSphere clustering

Additionally the SiteMinder Agent supports:

- J2EE RunAs identity
- EJB standalone client applications
- Multi-byte character usernames
- User mapping to support environments in which WebSphere and SiteMinder are not configured to use the same user store
- Centralized and dynamic agent configurations
- Caching of resource protection decisions and authentication and authorization decisions
- Web application error page processing, so that failure to answer an authentication request results in redirection to an error page

- Logging
- Authorization auditing

2. Supported Platforms

For information on supported platforms for SiteMinder products:

1. Go to the SiteMinder Technical Support site:
<https://support.netegrity.com/>
2. Search for SiteMinder Platform Support Matrices

3. Installation and Configuration Notes

[JVM Patching Prerequisite for Unlimited Cryptography](#)

[Ensure that SiteMinder JSAFE JAR Files Are in the Correct Location](#)

[Pure Java SiteMinder Agent API](#)

The installation and configuration procedures for the SiteMinder Agent r6.0 for IBM WebSphere are described in the *CA eTrust SiteMinder Agent r6.0 for IBM WebSphere Guide* (sm-agent-for-websphere-guide_v60.pdf), shipped with this release.

3.1. JVM Patching Prerequisite for Unlimited Cryptography

The JVM required for use by the SiteMinder Agent Installation and IBM WebSphere must be patched to support unlimited key strength in the Java Cryptography Extension (JCE) package.

WebSphere's 1.4.x IBM JVMs are based on Sun's JVM for HP and Solaris platforms; these patches are available at Sun's website. The patches for all other SiteMinder supported platforms are available at IBM's website. See the IBM documentation for more details.

If the JVM is not patched to support unlimited key strength, host registration will fail during SiteMinder Agent installation and WebSphere will fail to start once the SiteMinder Agent has been configured on WebSphere.

3.2. Ensure that SiteMinder JSAFE JAR Files Are in the Correct Location

If WebSphere encounters problems during startup after the SiteMinder Agent has been installed, verify that `WS_HOME\java\jre\lib\ext` contains `sm_jsafe.jar` and `sm_jsafeJCE.jar` (where `WS_HOME` refers to the installed location of the WebSphere Application Server).

3.3. Pure Java SiteMinder Agent API

The agent is implemented using a new, pure Java SiteMinder Agent API. To find out the version of the API being used, check the `smagentapibuild.properties` file in `WS_HOME\lib\ext\smagentapi.jar` in, where `WS_HOME` is the installed location of the WebSphere Application Server.

4. Limitations

Issue Using the SiteMinder Login Module as a Web-inbound Module
Host Configuration File Compatibility

4.1. Issue Using the SiteMinder Login Module as a Web-inbound Module

HTTP requests are initially handled and populated with a SiteMinder Principal by the SiteMinder TAI on the server which initially received the request. However, versions prior to WebSphere 6.0.2.7 do not invoke TAI modules in subject recreation situations, relying rather on configured Login Modules.

If you have installed the SiteMinder Agent on a IBM WebSphere Application Serverv6.0.2.7, TAI modules are always invoked so there is no issue. If you install the SiteMinder Agent on an earlier version of the WebSphere server, the SiteMinder Login Module is required to recreate the SiteMinder Principal and place the SiteMinder Principal in the Subject.

For more information about how the SiteMinder Agent handles WebSphere propagation tokens, see the *CA eTrust SiteMinder Agent r6.0 for IBM WebSphere Guide*.

4.2. Host Configuration File Compatibility

The SiteMinder Agent for WebSphere is implemented using a pure Java SiteMinder Agent API and cannot use an SmHost.conf file created for another SiteMinder Agent to establish a connection to the Policy Server.

The converse is also true — other SiteMinder Agents cannot use an SmHost.conf file created for the SiteMinder Agent for IBM WebSphere to establish their connections with the Policy Server.

5. Documentation Issues

There are no documentation issues.

6. Training

For information about training, visit the CA web site at:

<http://www.ca.com/education>.

7. Technical Support

You may contact SiteMinder Technical Support as follows:

- Telephone
Toll-free (U.S. and Canada only) (877) 748-3646 (877-SITEMINDER)
Asia-Pacific +603-2055-3333
International +603-7490-1900
- Online
<https://support.netegrity.com>

Please have the following information ready when you contact Technical Support:

- The product name(s) and version number(s)
- The installed components of the product(s)
- The type of computer platforms you are using and the version numbers of the operating systems
- A description of your problem
- Log files indicating the problem

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