

CA SiteMinder® Agent for IBM WebSphere

Release Notes r12.0 SP2



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Chapter 1: Welcome

This document contains information on SiteMinder Agent for IBM WebSphere features, operating system support, and known issues.

Chapter 2: New Features

This section contains the following topics:

[IPv6 TCP/IP Support](#) (see page 9)

[FIPS-140 Support](#) (see page 9)

[Java 1.6 Support](#) (see page 10)

IPv6 TCP/IP Support

When configuring SiteMinder objects in the [insert SiteMinder version number] Administrative UI, you can enter both IPv4 and IPv6 addresses.

Note the following IPv6 considerations:

- IPv6 support is not available when the Policy Server is operating in 5.x/r12 or 6.x/r12 mixed-mode.
- SiteMinder IPv6 support relies on operating system, Web server, directory server, and database support of IPv6. If all of these components in your environment support IPv6, SiteMinder supports IPv6.

Note: More information on IPv6 support exists in the SiteMinder Platform Support Matrix for [insert SiteMinder version number] on the [Technical Support site](#).

FIPS-140 Support

The SiteMinder Agent supports the Federal Information Processing Standards (FIPS) 140-2 specification. FIPS-140 specifies the requirements for using cryptographic algorithms within a security system protecting sensitive, unclassified data.

SiteMinder can operate in a pre-FIPS mode or in a FIPS-only mode. The cryptographic boundaries, that is, the way SiteMinder applies encryption, are the same in both modes, but the algorithms are different.

In FIPS-only mode, SiteMinder uses the following algorithms:

- AES Key Wrap for key encryption.
- AES in OFB mode (HMAC-SHA 256) for channel encryption.
- AES in CBC mode (HMAC-SHA 224) for encrypting tokens used to facilitate single sign-on.

The SiteMinder Agent makes extensive use of encrypted data, encrypting the following:

- Cookies using an Agent Key retrieved from the Policy Server
- Data sent to the Policy Server using a Session Key
- A Shared Secret using the Host Key. The encrypted Shared Secret is stored in the Host Configuration file.

Java 1.6 Support

The SiteMinder Agent supports the Java 1.6 runtime environment. For specifics Java Runtime Environment (JRE) version information, see the SiteMinder Agent for Application Servers Platform Support Matrix on the [Technical Support site](#).

To locate the support matrix

1. Login to the [Technical Support site](#).
2. Click Support By Product in the navigation bar.
3. Enter "CA SiteMinder" in the Select a Product page combo box.
4. Click CA SiteMinder Family Platform Support Matrices in the Product Status group box.
5. Locate the SiteMinder Agent for Application Servers Platform Support Matrix in the list presented.

Chapter 3: Operating System Support

Before you install the SiteMinder Agent for IBM WebSphere, ensure that you are using a supported operating system. For a complete list of supported operating systems, see the SiteMinder Agent for Application Servers Platform Support Matrix on the [Technical Support site](#).

To locate the support matrix

1. Login to the [Technical Support site](#).
2. Click Support By Product in the navigation bar.
3. Enter "CA SiteMinder" in the Select a Product page combo box.
4. Click CA SiteMinder Family Platform Support Matrices in the Product Status group box.
5. Locate the SiteMinder Agent for Application Servers Platform Support Matrix in the list presented.

Chapter 4: Known Issues

This section contains the following topics:

[Host Configuration File Compatibility](#) (see page 13)

Host Configuration File Compatibility

The SiteMinder Agent 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 — many other SiteMinder Agent types cannot use an SmHost.conf file created for the SiteMinder Agent to establish their connections with the Policy Server.

Chapter 5: International Support

An *internationalized* product is an English product that runs correctly on local language versions of the required operating system and required third-party products, and supports local language data for input and output.

Internationalized products also support the ability to specify local language conventions for date, time, currency and number formats.

A *translated* product (sometimes referred to as a *localized* product) is an internationalized product that includes local language support for the product's user interface, online help and other documentation, as well as local language default settings for date, time, currency, and number formats.

In addition to the English release of this product, SiteMinder supports *only* those languages listed in the following table.

Language	Internationalized	Translated
Brazilian-Portuguese	Yes	No
Chinese (Simplified)	Yes	No
Chinese (Traditional)	Yes	No
Czech	Yes	No
Danish	Yes	No
Dutch	Yes	No
Finnish	Yes	No
French	Yes	No
German	Yes	No
Greek	Yes	No
Hungarian	Yes	No
Italian	Yes	No
Japanese	Yes	No
Korean	Yes	No
Norwegian	Yes	No
Polish	Yes	No

Language	Internationalized	Translated
Russian	Yes	No
Spanish	Yes	No
Swedish	Yes	No
Turkish	Yes	No

Note: If you run the product in a language environment *not* listed in the table, you may experience problems.

Chapter 6: Documentation

This section contains the following topics:

[Guide Names](#) (see page 17)

[Release Numbers on Documentation](#) (see page 17)

Guide Names

The names of the SiteMinder Agent for IBM WebSphere guides are as follows:

Guide Name	File Name
<i>Release Notes</i>	SMWebSphereAgent_rel_enu.pdf
<i>Agent Configuration Guide</i>	SMWebSphere_conf_enu.pdf

To view PDF files, you must download and install Adobe Reader from the Adobe web site if it is not already installed on your computer.

Release Numbers on Documentation

The release number on the title page of a document does not always correspond to the current product release number; however, all documentation delivered with the product, regardless of release number on the title page, supports the current product release.

The release number changes only when a significant portion of a document changes to support a new or updated product release. If no substantive changes are made to a document, the release number does not change. For example, a document for r12 can still be valid for r12 SP1. Documentation bookshelves always reflect the current product release number.

Occasionally, we must update documentation outside of a new or updated release. To indicate a minor change to the documentation that does not invalidate it for any releases that it supports, we update the edition number on the cover page. First editions do not have an edition number.

Appendix A: Acknowledgements

This section contains the following topics:

[Apache](#) (see page 19)

Apache

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