

CA Technologies SiteMinder®

Agent for SAP Web AS Release Notes r12.0



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SiteMinder Agent for SAP Web AS Product References

This document references the following CA Technologies products:

- CA Technologies SiteMinder
- CA Technologies SiteMinder SessionLinker
- CA Technologies Federation Manager

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At <http://ca.com/support>, you can access the following resources:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

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If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

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Chapter 1: Welcome

Welcome to the CA Technologies SiteMinder Agent for SAP Web AS. These Release Notes contain the following information:

- Product installation considerations
- Operating system support
- Known issues
- How to contact CA Technologies Technical Support

Chapter 2: New Features

This section contains the following topics:

- [SiteMinder Single Sign On Security Zones](#) (see page 9)
- [IPv6 Addresses and Fully-qualified Domain Names](#) (see page 9)
- [FIPS/AES Encryption](#) (see page 9)
- [Policy Server Clusters](#) (see page 9)
- [Federation Manager Integration](#) (see page 10)
- [Installation and Configuration Wizards](#) (see page 10)

SiteMinder Single Sign On Security Zones

The SiteMinder Agent for SAP Web AS supports Single Sign on Security Zones when the Agent for SAP Web AS operates in SSO mode.

Note: For more information about configuring SSO Security Zones, see the *SiteMinder Web Agent Configuration Guide*.

IPv6 Addresses and Fully-qualified Domain Names

The SiteMinder Agent for SAP Web AS now supports IPv6. All fields using IP addresses accept both IPv4 and IPv6 addresses.

All fields will also accept fully-qualified domain names.

FIPS/AES Encryption

The SiteMinder Agent for SAP Web AS supports encryption using FIPS/AES algorithms.

Note: FIPS is a US government computer security standard that accredits cryptographic modules which meet the Advanced Encryption Standard (AES).

Policy Server Clusters

The SiteMinder Agent for SAP Web AS supports Policy Server Clusters. A Policy Server cluster consists of one primary server and one or more failover servers.

Note: For more information, see the *CA Technologies SiteMinder Policy Server Administration Guide*.

Federation Manager Integration

The SiteMinder Agent for SAP Web AS supports integration with CA Technologies Federation Manager.

Note: For more information, see any of the following documents:

- For use cases and SiteMinder Agent for SAP Web AS configuration procedures, see the *SiteMinder Agent for SAP Web AS Guide*.
- For Federation Manager information and configuration procedures, see the *Federation Manager Guide*.

Installation and Configuration Wizards

Wizards now simplify the installation and configuration tasks. Previous versions required editing configuration files manually.

Chapter 3: Operating System Support

The SiteMinder Platform Support Matrix contains the latest information about supported operating environments. CA maintains the Platform Support Matrix at <http://www.ca.com/support>.

Follow these steps:

1. Log on to the support site.
2. Click Support by Product.
3. In the Select a Product page drop-down list, type SiteMinder.
A link for CA Technologies SiteMinder appears.
4. Click the link.
The SiteMinder product page appears.
5. Scroll down to the Product Status section, and then click the following link:
CA Technologies SiteMinder Platform Support matrices
The Platform Support matrices page appears.
6. Locate the version of the SiteMinder Agent for SAP Web AS you want, and then click the PDF link.
The Platform Support Matrix for the SiteMinder Agent for SAP Web AS appears.

CA Technologies Software Prerequisites

The SiteMinder Agent for SAP Web AS requires the following CA Technologies products:

- SiteMinder
- Federation Manager (for Federation Mode)
- SessionLinker

Chapter 4: Installation Considerations

This section contains the following topics:

- [Upgrade Support](#) (see page 13)
- [Verify Permissions on Executable Files in UNIX or Linux](#) (see page 13)
- [Installation Program Throws Java Exception and Exits](#) (see page 14)
- [Configuration Wizard Attempts Re-Configuration After Fresh Install \(96597\)](#) (see page 14)
- [Installation Wizard Does Not Accept IP Address](#) (see page 14)

Upgrade Support

Upgrades are only supported if both the r5.6 SP4 and r12.0 versions run on the same operating environment. For example, upgrading is possible *only* if both of the following components run on the same version of Solaris:

- SiteMinder Agent for SAP Web AS r5.6 SP4
- SiteMinder Agent for SAP Web AS r12.0

Verify Permissions on Executable Files in UNIX or Linux

Symptom:

I cannot run the SiteMinder executable file on a UNIX or Linux system.

Solution:

Add execute permissions to the file (with a command such as chmod, for example).

Installation Program Throws Java Exception and Exits

Valid on UNIX or Linux

Symptom:

The installation program throws a Java exception and exits.

Solution:

If you are installing in GUI mode by Telnet or other emulation software, run an XWindows session in the background, and set the DISPLAY variable to your local terminal, as shown in the following example:

```
DISPLAY=127.0.0.1
export DISPLAY
```

Configuration Wizard Attempts Re-Configuration After Fresh Install (96597)

Symptom:

After installing the SiteMinder Agent for SAP Web AS, the configuration wizard prompts to re-configure a previous installation of the Agent for SAP Web AS instead of prompting to configure a new installation.

Solution:

An installation directory from a previous installation remains on your system. Manually remove directory from the previous installation.

Installation Wizard Does Not Accept IP Address

Symptom:

Although the user supplies an IP address to the installation wizard, the IP address panel may display a warning message: IP Address cannot be blank.

Solution:

To workaround this issue, navigate through the panel using the key board. (Tab to choose and space to "click" the OK button)

Chapter 5: Known Issues

This section contains the following topics:

- [Manually Remove Installation Directory After Uninstall \(96596\)](#) (see page 15)
- [Manually Remove Binaries from Application Server After Uninstall](#) (see page 15)
- [NPSEncrypt Tool Does not Run \(96407\)](#) (see page 17)

Manually Remove Installation Directory After Uninstall (96596)

Symptom:

After removing the SiteMinder Agent for SAP Web AS, the installation directory and some subdirectories remain.

Solution:

Remove the installation directory manually.

Manually Remove Binaries from Application Server After Uninstall

After running the uninstaller on all the platforms, some binaries remain on the SAP Web Application Server install location. You must delete these files manually each time you un-install the SAP Web AS Agent. These binaries have no impact on a reinstall of the SAP Web AS Agent.

On HP-UX Itanium platforms delete the following files from /usr/sap/sid/instance_name/j2ee/os_libs directory:

- libetpki2_thread_posix.so
- libetpki_openssl_crypto.so
- libetpki_openssl_ssl.so
- libetpki2.so
- libsmerelog.so
- libsmjavaagentapi.so
- libsmcommonutil.so
- libJDecrypt.so

On Solaris platforms delete the following files from
/usr/sap/sid/instance_name/j2ee/os_libs:

- libetpki2_thread_posix.so
- libetpki_openssl_crypto.so
- libetpki_openssl_ssl.so
- libsmcommonutil.so
- libJDecrypt.so
- libsmerrlog.so
- libetpki2.so
- libsmjavaagentapi.so
- libcryptocme2.so

On Redhat platforms delete the following files from
/usr/sap/sid/instance_name/j2ee/os_libs:

- libetpki2_thread_posix.so
- libetpki_openssl_crypto.so
- libetpki_openssl_ssl.so
- libsmcommonutil.so
- libJDecrypt.so
- libsmerrlog.so
- libetpki2.so
- libsmjavaagentapi.so

On AIX platforms delete the following files from
/usr/sap/sid/instance_name/j2ee/os_libs:

- libJDecrypt.a
- libetpki_openssl_ssl.a
- libetpki2.so
- libetpki_openssl_ssl.so
- libetpki2_thread_posix.so
- libsmcommonutil.so
- libetpki_openssl_crypto.a
- libsmerrlog.so

- libetpki_openssl_crypto.so
- libsmjavaagentapi.so

On Windows platforms delete the following files from
drive:\usr\sap\sid\instance_name\j2ee\os_libs:

- JDcypt.dll
- smjavaagentapi.dll
- smerrlog.dll
- smcommonutil.dll
- libetpki2.dll
- libetpki2_thread.dll
- libetpki2_openssl_ssl.dll
- libetpki2_openssl_crypto.dll
- ipthread.dll

NPSEncrypt Tool Does not Run (96407)

Symptom:

The NPSEncrypt tool does not run.

Solution:

Do one of the following:

- For the Windows operating environment, restart the computer after installing the SiteMinder Agent for SAP Web AS.
- For the UNIX or Linux operating environments, run the following script to set the environment variables:

ca_sapwebas_env.sh

Chapter 6: Documentation

This section contains the following topics:

- [Guide Names](#) (see page 19)
- [Release Numbers on Documentation](#) (see page 19)
- [SiteMinder Bookshelf](#) (see page 20)

Guide Names

The names of the SiteMinder Agent for SAP Web AS guides are as follows:

Guide
SiteMinder Agent for SAP Web AS Guide
SiteMinder Agent for SAP Web AS <i>Release Notes</i>

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.

SiteMinder Bookshelf

You can find complete information about SiteMinder by installing the SiteMinder bookshelf. The SiteMinder bookshelf lets you:

- Use a single console to view all documents published for SiteMinder.
- Use a single alphabetical index to find a topic in any document.
- Search all documents for one or more words.

SiteMinder product documentation is installed separately. We recommend that you install the documentation before beginning the installation process.

Documentation installation programs are available for download from the [CA Technical Support site](#).