

# CA SiteMinder®

## SAML Affiliate Agent Release Notes

6.x QMR 6



Third Edition

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

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# Chapter 1: Welcome

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Welcome to CA SiteMinder SAML Affiliate Agent. This file contains product installation considerations, operating system support, known issues, and information about contacting CA Technical Support.



# Chapter 2: System Requirements

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This section contains the following topics:

[SAML Affiliate Agent System Requirements](#) (see page 9)

## SAML Affiliate Agent System Requirements

For a list of system requirements, see the *SAML Affiliate Agent Guide*.



# Chapter 3: Operating System Support

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Before you install the SAML Affiliate Agent, ensure you are using a supported operating system and third-party software.

## **To locate the support matrix on the Support site**

1. Click Technical Support.
2. Click Support By Product.
3. Select CA SiteMinder from the Select a Product Page list.
4. Scroll to Product Status and click Platform Support Matrices.



# Chapter 4: Installation and Upgrade Issues

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For installation and upgrade information on the SAML Affiliate Agent, see the *SAML Affiliate Agent Guide*.

## Upgrades and Microsoft Visual Studio

### Valid on Windows

SiteMinder r6.0 SP6 components are compiled using Microsoft Visual Studio® 2005 (VC 8). Consider the following:

- Previous versions of SiteMinder were compiled using Microsoft Visual Studio 2003 (VC 7). Although we expect that all custom code compiled with Microsoft Visual Studio 2003 (VC 7) to continue to work, we recommend testing all custom code with SiteMinder r6.0 SP6.
- If you are using layered products, we recommend referring to the respective Platform Support Matrix to determine if the product is certified with SiteMinder r6.0 SP6. Examples of layered products include the following:
  - Application server agents
  - ERP agents
  - Advanced Password Services
  - The Secure Proxy Server
  - Identity Manager



# Chapter 5: Defects Fixed for SAML Affiliate Agent 6.x

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This section contains the following topics:

[Defects Fixed for SAML Affiliate Agent 6.x QMR 6](#) (see page 15)

[Defects Fixed for SAML Affiliate Agent 6.x QMR 5](#) (see page 15)

[Defects Fixed for SAML Affiliate Agent 6.x QMR 4](#) (see page 18)

[Defects Fixed for SAML Affiliate Agent 6.x QMR 3](#) (see page 20)

[Defects Fixed for SAML Affiliate Agent 6.x QMR 2](#) (see page 21)

[Defects Fixed for SAML Affiliate Agent 6.x QMR 1](#) (see page 22)

## Defects Fixed for SAML Affiliate Agent 6.x QMR 6

### SAML Affiliate Agent Guide does not Document IIS WildCard Mapping (81736)

**Symptom:**

The *CA SiteMinder SAML Affiliate Agent Guide* does not offer instructions on adding SAML Affiliate Agent wildcard mappings for IIS.

**Solution:**

Information about IIS wildcard mappings has been added to the Troubleshooting chapter of the *SAML Affiliate Agent Guide r6.0 SP6*.

STAR Issue: 17826355

## Defects Fixed for SAML Affiliate Agent 6.x QMR 5

### Secure Flag Cannot Be Set in Affiliate Site Cookies (48404)

**Symptom:**

The SAML Affiliate Agent did not provide any configuration setting to set the secure flag in affiliate site cookies.

**Solution:**

The SAML Affiliate Agent has been enhanced to provide the UseSecureCookies setting in the AffiliateConfig.xml file. This setting lets you set the secure flag in cookies.

## Agent Fails to Increase Thread Pool When flexiblethreadpool=YES (48963)

**Symptom:**

The SAML Affiliate Agent is failing to increase the thread pool when the flexiblethreadpool parameter is set to Yes and the threadpoolsizes is set.

**Solution:**

This is no longer an issue.

## Log Messages Contain %s Instead of Actual Value (47957)

**Symptom:**

In the Affiliate.log file, the formatting string %s was found in the log message instead of the actual value.

**Solution:**

The proper value is now being displayed.

## Port Number Added Twice to the TARGET Query Parameter in the NoAccessURL (82592)

**Symptom:**

When the SAML Affiliate Agent redirects the browser to the NoAccessURL and the AppendTarget parameter is set to Yes, a problem occurs if the SAML Affiliate Agent does not find a query parameter by the name TARGET. The SAML Affiliate Agent appends the originally accessed URL as the TARGET value to the NoAccessURL. In the process of regenerating the TARGET, the port number was being added to the URL twice.

**Solution:**

The port number is no longer being added twice.

## Data in the NoAccessURL Is Not Being Encoded (82810)

**Symptom:**

When the SAML Affiliate Agent redirects the browser to the NoAccessURL, the entire URL content, including query parameters, was not properly encoded.

**Solution:**

Data is now being properly encoded.

## SMCONSUMERURL Query Parameter Subject to Malicious Modification (76739)

### Symptom:

For SAML 1.x artifact binding, the SMCONSUMERURL query parameter of SAML1.x authentication URL can be exploited and the user can be redirected to a malicious site.

### Solution:

To prevent any malicious modification of URLs, specify a value for the Consumer URL setting for the affiliate object. This value is set using the Policy Server User Interface. The Consumer URL takes precedence over SMCONSUMERURL query parameter.

- For SAML1.0, the consumer URL must be set to the SSLInterceptorURL specified in SAML Affiliate Agent configuration. This is set to:  
`https://fqdn:port/smafa/amts/test1.htm`
- For SAML 1.1 artifact when SM is at the consumer site, the Consumer URL must be set to: `http(s)://fqdn:port/affwebservices/public/samlcc`

## User Not Being Redirected to the Correct NoAccessURL (78834)

### Symptom:

The SAML Affiliate Agent is redirecting the user to the wrong URL when the AppendTarget parameter is set to Yes for NoAccessURL setting in the SAML Affiliate Agent configuration

### Solution:

The SAML Affiliate Agent now correctly redirects the user to the value of the NoAccessURL parameter with requested URL added as a TARGET query parameter to the URL.

## URL-encoding of TARGET Query Parameter Not Being Preserved (75988)

### Symptom:

The URL encoding of the TARGET query parameter is not being preserved, which causes the parameter to be double encoded.

### Solution:

A new attribute, SupportURLEncodedTarget, has been added to the GlobalInfo element of the SAML Affiliate Agent config file to preserve the encoding. The value of this element is No, by default, or if the parameter is missing. If the parameter is set to Yes, the SAML Affiliate Agent preserves URL-encoding of the Target query parameter.

## SAML Affiliate Agent Logs Not Displaying Error Messages Correctly (56251)

**Symptom:**

If the assertion retriever service is not available, the error code and error message is not displaying Properly. Instead, the message includes characters %d and %s.

**Solution:**

This is no longer an issue.

## Defects Fixed for SAML Affiliate Agent 6.x QMR 4

### Agent Not Consuming Assertions from Earlier SiteMinder Version (46388)

**Symptom:**

The SAML Affiliate Agent v6x QMR 4 is not able to consume SAML 1.x assertions generated by earlier versions of SiteMinder as a SAML producer.

**Solution:**

This is no longer an issue.

### Protected Page Content in Redirect to Credential Collector (46794)

**Symptom:**

SAML Affiliate Agent includes content of protected page in redirect to portal credential collector.

**Solution:**

This is no longer an issue.

### HTTP 404 Error Using Mozilla Browser with SAML Affiliate Agent (46856)

**Symptom:**

SunONE 6.1 Web Server returns an HTTP 404 "File not found" error to a Mozilla Web browser when the SAML Affiliate Agent is installed on the same Web Server.

**Solution:**

An error is no longer returned.

## Back Channel Socket Left Open if Response Not Received (47003)

**Symptom:**

Agent leaves back channel communication socket open if agent fails to receive response to assertion request.

**Solution:**

A new configuration parameter, sockettimeout, has been added to the Affiliate Server properties file, affiliateserverconf.properties. The default value for the parameter is 300,000 milliseconds (5 min). The maximum value allowed is 2,147,483,647 milliseconds (597 hours).

## URIs Containing a Colon Fail (47575)

**Symptom:**

The SAML Affiliate Agent will fail when the user requests any resource with a colon (:) in the URI. It does not matter whether the colon is in the query string or as part of the URI path or resource.

**Solution:**

This is no longer an issue.

## Logs Not Being Append to Affiliate.log (51563)

**Symptom:**

The SAML Affiliate Agent creates a new affiliate.log file when the setting Append is set to Yes instead of appending content to the existing log file.

**Solution:**

Logs are now being appended properly.

## Target URL is Not Constructed Properly When the Agent is Behind an SSL Accelerator (54563)

**Symptom:**

When the SAML Affiliate Agent sits behind an SSL accelerator it fails to constructing the TARGET URL to the portal correctly even though the Agent's HTTPSPorts parameter is configured properly.

**Solution:**

The TARGET URL is now being constructed correctly.

## Agent Fails to Load When Apache 2.0 Web Server Starts Up (54795)

**Symptom:**

The SAML Affiliate Agent fails to load when an Apache 2.0 web server on Linux starts up.

**Solution:**

This is no longer an issue.

## Defects Fixed for SAML Affiliate Agent 6.x QMR 3

### SAML Affiliate Agent Redirects to Target URLs to Another Domain (40236)

**Symptom:**

The SAML Affiliate Agent allows a redirect to a target URL that has a different domain.

**Solution:**

An error message is now logged if the Agent redirects to the wrong cookie domain and access to the resource is refused.

### ThreadPool Setting Ignored (40681)

**Symptom:**

The Affiliate Server ignores the flexiblethreadpool setting from the affiliateserverconf.properties file.

**Solution:**

This is no longer an issue.

## Cannot Process Requests for Unprotected Resources without a Fully Qualified Domain Name (41647)

### Symptom:

The Affiliate Agent cannot process requests for unprotected resources without a fully qualified domain name in the host header. This requirement restricts a Web Agent form operating behind a load balancer in some configurations.

### Solution:

The SAML Affiliate Agent now processes requests for unprotected resources without a fully qualified domain name in the host header in the following situations:

- If the requested resource is unprotected.
- The file of the requested resource is configured to be ignored using the SAML Affiliate Agent's IgnoreExtensions parameter.
- The requested resource is protected but the SAML Affiliate Agent is disabled.

## Defects Fixed for SAML Affiliate Agent 6.x QMR 2

### Missing Windows Files Causes Agent Installation to Fail (39061)

#### Symptom:

If you are installing a SAML Affiliate Agent on an IIS 5.0 Web Server, the SAML Affiliate Agent filter will not load properly if certain files are missing from the Windows system.

#### Solution:

If your Windows system does not have the following files already installed:

- atl.dll
- mfc42.dll
- msvcirt.dll
- MSVCP60.DLL
- msvcr7.dll
- msvcr70.dll

The SAML Affiliate Agent installation will install these files under the System32 directory. If these files already exist, the installation will not overwrite them.

## SAML Affiliate Agent Requires AssertionIssuerID to be a URI (36164)

**Symptom:**

The SAML Affiliate Agent requires that the AssertionIssuerID parameter be set to a URI, while the SAML 1.1 specification allows the value to be a string.

**Solution:**

The SAML Affiliate Agent now allows the AssertionIssuerID setting to be a URI or a string.

## Defects Fixed for SAML Affiliate Agent 6.x QMR 1

None known.

# Chapter 6: International Support

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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.

SiteMinder has been internationalized and localized to the extent indicated in the platform support matrix for SiteMinder r6.0 SP6.



# Chapter 7: Documentation

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This section contains the following topics:

[SiteMinder Bookshelf](#) (see page 25)

[Release Numbers on Documentation](#) (see page 25)

## 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](#).

## 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.

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