

**CA SiteMinder®**

**Web Agent Release Notes**

**r12.0 SP2**



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- 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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# Chapter 1: Welcome

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



# Chapter 2: New Features

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This section contains the following topics:

[SiteMinder Information Card Authentication Scheme \(ICAS\)](#) (see page 11)

[Web Agent DNS Lookup Enhancement \(76981/82791\)](#) (see page 11)

[OverlookSessionForMethodUri Enhancement Request \(76978/82794\)](#) (see page 11)

[Log/TraceFilesToKeep Enhancement \(76979/82793\)](#) (see page 12)

[Traditional Agent Backwards Compatibility Enhancement \(74775, 80146\)](#) (see page 12)

[Microsoft Outlook Web Access Support](#) (see page 12)

[Certification of Web Agent on Apache Software Foundation 2.2 Web Server on the RedHat Enterprise Linux 5.0 \(80689\)](#) (see page 12)

## SiteMinder Information Card Authentication Scheme (ICAS)

SiteMinder Information Card Authentication Scheme (ICAS) is a SiteMinder authentication scheme that supports Windows CardSpace. Each instance of ICAS is configured as a custom authentication scheme in the Administrative UI and implemented like any other SiteMinder custom authentication scheme.

## Web Agent DNS Lookup Enhancement (76981/82791)

A new Web Agent configuration parameter, `DisabledDNSLookups`, disables DNS Lookups by the Web Agent to help prevent DNS attacks.

STAR Issue # 16920888:02

## OverlookSessionForMethodUri Enhancement Request (76978/82794)

A new Web Agent configuration parameter, `OverlookSessionForMethods`, has been added. This parameter allows an administrator to specify one or more methods that serve to instruct a Web agent to skip updating session cookies.

STAR issue # 16209156:02

## Log/TraceFilesToKeep Enhancement (76979/82793)

Two new Web Agent configuration parameters have been added, TraceFilesToKeep and LogFilesToKeep, which dictate how many of each type of log file to keep. At rollover time, the appropriate log file beyond the FilesToKeep value is deleted.

STAR Issue # 17231016:02

## Traditional Agent Backwards Compatibility Enhancement (74775, 80146)

### **Symptom:**

The Framework Agents did not use the old encoding scheme when communicating with Traditional Web Agents.

### **Solution:**

A new agent configuration parameter, "LegacyPostPreservationEncoding" is added. This configuration parameter allows to the Framework Web Agents to communicate using the old encoding scheme with older Traditional Web Agents.

## Microsoft Outlook Web Access Support

The SiteMinder *Web Agent Installation Guide* now explains how to protect a Microsoft Outlook Web Access web site with SiteMinder.

## Certification of Web Agent on Apache Software Foundation 2.2 Web Server on the RedHat Enterprise Linux 5.0 (80689)

The SiteMinder Web Agent is certified to operate on version 2.2 of an Apache Software Foundation web server that runs on the Red Hat Enterprise Linux 5.0 operating system.

# Chapter 3: Operating System Support

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For a list of supported platforms:

1. Log in to the [Technical Support](#) web site.
2. Search for the SiteMinder Platform Matrix.

**Note:** Some platforms supported in previous releases may no longer be supported. For more information on required service packs or patches, see the *Web Agent Installation Guide*.



# Chapter 4: Installation and Upgrade Considerations

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This section contains the following topics:

[JDK/JRE Considerations](#) (see page 15)

[Missing Patch Warning for Apache Web Servers Running on HPUX 11i](#) (see page 16)

[Agent Installation Does Not Terminate When there is Insufficient Disk Space \(26152\)](#) (see page 16)

[ETPKI Library Installation](#) (see page 16)

[For UNIX Installations in Non-Default Directories, Update the ca\\_wa\\_env.sh File Manually \(72693\)](#) (see page 17)

[Back Channel Connections Using AES Ciphers Fail on IIS 6.0](#) (see page 17)

[Windows 2008 SP2 Silent Installation and DLL Files](#) (see page 18)

## JDK/JRE Considerations

Consider the following when using a supported JDK/JRE:

- JDK 1.5.0\_06 through JDK 1.5.0\_09 leaks handles on Windows and Solaris platforms.

This issue is a result of a Sun Microsystems bug. [Refer to Sun bug number 6399321](#).

- JDK 1.5.0\_05 through JDK 1.5.0\_09 causes ServletExec to crash on dual processor machines.

**Note:** For a list of supported CA and third-party components, refer to the SiteMinder Platform Support Matrix on the [Technical Support site](#).

### To locate the support matrix from the Technical Support site

1. Click Support By Product.
2. Select CA SiteMinder from the Select a Product list.
3. Click CA SiteMinder Platform Support Matrices under Product Status.

You can download the latest JDK and JRE versions at the [Sun Developer Network](#).

## Missing Patch Warning for Apache Web Servers Running on HPUX 11i

When you run the Web Agent Configuration Wizard on an Apache Web Server running HPUX 11i, the Wizard checks for the linker and loader cumulative patch PHSS\_26560. For loader versions higher than B.11.32, the Wizard displays an error message that the patch is missing; however, the patch is not required. This patch is only required when the ld and libld versions are less than B.11.32.

More information about patch PHSS\_26560 can be found at the HP web site <http://docs.hp.com/en/5991-2805/apbs07.html>.

## Agent Installation Does Not Terminate When there is Insufficient Disk Space (26152)

### Symptom:

If the InstallAnywhere program encounters an insufficient disk space warning when you try to install a Web Agent on a UNIX or Windows platform, the InstallAnywhere proceeds with the installation instead of exiting.

### Solution:

Ensure the installer has enough room to extract the installation files by doing the following tasks:

1. Create an environment variable named IATEMPDIR
2. Set the value of the IATEMPDIR variable to a folder/directory that has enough room for the installer to extract the files.
3. Run the installation.

**Note:** This issue affects Web Agents installed on UNIX or Windows.

## ETPKI Library Installation

The Policy Server and Web Agent installations include a CA ETPKI library which is installed in the following directory:

### installation\_location

Specifies the Policy Server or Web Agent installation path.

Consider the following:

- For Windows platforms, if a CA ETPKI library exists on the machine to which you are installing the Policy Server or Web Agent, the installer upgrades the existing ETPKI library to the version shipped with the component. The CA ETPKI library remains in its current location.
- For UNIX platforms, the installer will install the CA ETPKI library to the `installation_location/ETPKI` directory, even if another CA ETPKI library exists elsewhere on the UNIX file system.

## For UNIX Installations in Non-Default Directories, Update the `ca_wa_env.sh` File Manually (72693)

If you install a SiteMinder Web Agent for a UNIX platform in a non-default directory, you must edit the `ca_wa_env.sh` script manually. Do the following:

1. Open the script with a text editor and replace the following string:

```
wa-loc
```

with this string :

```
non-default_directory/webagent/ETPKI
```

2. Run the script after updating it.

## Back Channel Connections Using AES Ciphers Fail on IIS 6.0

By default, the IIS 6.0 Web Server does not support the AES cipher suites. As a result, attempts to establish a back channel connection using only AES ciphers fail when running in FIPS-Only mode.

### Workaround

To use AES cipher (non-FIPS 140) certificates for the back channel while running in FIPS-only mode, apply the following Windows update to add support for the AES cipher suites in Windows Server 2003:

<http://support.microsoft.com/kb/948963/en-us>

If you require a fully compliant FIPS-only environment, use only back channel certificates that are compatible with FIPS 140.

## Windows 2008 SP2 Silent Installation and DLL Files

If you deploy a SiteMinder Web Agent to Windows 2008 SP2 using a silent installation, the installer automatically overwrites the following dll files:

- Atl71.dll
- MFC71.dll

These files are located in C:\windows\system32.

**Note:** The Windows installation wizard prompts you to overwrite the dll files during the installation.

# Chapter 5: Known Issues

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This section contains the following topics:

[IPv6 Addresses Not Supported by Web Agents Configured as 4.x Agent Types \(65071\)](#) (see page 19)

[Web Agent Installation Fails on 64-bit Linux \(63714, 62738\)](#) (see page 19)

[Web Agent Fails to Load on HP11i Platform \(62185, 61661\)](#) (see page 20)

[Multiple obj.conf Files and nete-wa-config \(18615, 56424\)](#) (see page 21)

[Web Agent Installation May Fail with Older Linux Kernels \(54534\)](#) (see page 21)

## IPv6 Addresses Not Supported by Web Agents Configured as 4.x Agent Types (65071)

Web Agents that are configured to act as 4.x Agents do not support IPv6 addresses. For example, if you configure an r12.0 SP2 Web Agent to operate as a 4.x Web Agent, then this Web Agent will *not* support IPv6 addresses.

**Note:** To configure 4.x Web Agent support, select the Supports 4.x Agents check box in the Administrative UI.

## Web Agent Installation Fails on 64-bit Linux (63714, 62738)

### Symptom:

I cannot install a Web Agent on my server that runs on a 64-bit Linux system.

### Solution:

Install the following patches:

#### For Web Agents running on 64-bit Linux systems

- Binutils 2.17
- GCC 4.1.0

## Web Agent Fails to Load on HP11i Platform (62185, 61661)

### **Symptom:**

A Web Agent installed in the following environment will not load:

#### **Policy Server**

SiteMinder r12 (build 161) on Windows Server 2003 R2 Sp2

#### **Web Agent**

SiteMinder r12 (build 163) on HPUX 11.11 (PARISC)

#### **Web Server**

Sun One 6.1 sp4

#### **Policy Store**

SQL 2005 on Windows R2 SP2

### **Solution:**

Configure the web server using LD\_PRELOAD to explicitly load the libcryptocme2.sl shared library, which is part of the ETPKI install.

The default path for this library is as follows:

```
/opt/CA/SharedComponents/ETPKI/lib/libcryptome2.sl
```

## Multiple obj.conf Files and nete-wa-config (18615, 56424)

### Symptom:

Prior to Sun ONE/Sun Java System v6.0, all configuration information went into a single obj.conf file. For Sun ONE/Sun Java System v6.0, the mechanism to configure virtual servers changed. You can configure one or more new classes, and virtual classes in the instance.

By default, a new server instance has one virtual server class, named default class, whose configuration file is obj.conf.

Each additional class in the instance has an administrator-assigned name. The process of creating a new class and a virtual server within the class in the instance creates an associated configuration file, named *new\_class*.obj.conf, by default. Normally, *new\_class* is the name of the virtual server class, but you can configure the server to use a different name. The mappings between the configuration files and virtual server classes is done in the server.xml file.

Running the Web Agent configuration script, ca-wa-config, updates the obj.conf file; however, the AuthTrans, NameTrans, and PathCheck directives, and Service lines, are not written into *new\_class*.obj.conf files.

### Solution:

Update a *new\_class*.obj.conf file manually, by copying the AuthTrans, NameTrans, and PathCheck directives, and Service lines, from obj.conf to the top section of *new\_class*.obj.conf.

**Note:** To find these lines easily, you can run a "diff" program on the obj.conf and newclass.obj.conf files after running the Agent configuration script.

## Web Agent Installation May Fail with Older Linux Kernels (54534)

### Symptom:

Linux users using the JRockit JVM and Linux kernel versions lower than 2.4.21-27.EL may experience a failure to install the web agent.

### Solution:

This problem was resolved in the RHEL3 U4 kernel on 1-Dec-2004 (in kernel version 2.4.21-27.EL).



# Chapter 6: Defects Fixed in r12.0 SP2

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This section contains the following topics:

- [Domino Web Agent Removes Characters from Redirect URL \(82059\)](#) (see page 26)
- [localconfigfile Warning Is Output to Web Agent Log \(82955\)](#) (see page 26)
- [Web Agent and Policy Server Crash at Startup \(83324\)](#) (see page 26)
- [Silent Installation and Configuration of Web Agent Fails in IBM Environment \(85165\)](#) (see page 27)
- [Failover to the Second Policy Server in the Cluster Not Working with SOA Agent \(78289\)](#) (see page 27)
- [Mime Type of the Application Request Changed with Post Preservation \(83267\)](#) (see page 27)
- [Custom page that posts to an FCC with invalid credentials causes the agent to redirect to login.fcc \(69552/80254\)](#) (see page 28)
- [IIS 6 Crashing Intermittently \(75715/81043\)](#) (see page 28)
- [Change in Behavior Between 5.0.8 and 6.0.5 WA for AllowCacheHeaders Parameter \(73604/80256\)](#) (see page 28)
- [Error Message for Failed Shared Memory/Semaphore Allocation Does Not Show errno Message \(75110/82743\)](#) (see page 29)
- [Password Change Page Shows Encoded Message If Old Password Is Wrong \(75232/80259\)](#) (see page 29)
- [Performance Issues with Domino Web Agent \(75503/80260\)](#) (see page 29)
- [IHS Web Server on AIX Crashes Under Load Test \(80262/76647\)](#) (see page 30)
- [TLI Tracing Not Working \(80273/78843\)](#) (see page 30)
- [ServerErrorFile did not Work on IIS if the SMAGENT value was invalid](#) (see page 30)
- [Back-end Server of Reverse Proxy Configuration not Trusting Proxy Session when ProxyTrust parameter set to yes \(81619/80349\)](#) (see page 31)
- [IIS 6.0 Running on Windows Server 2003 has Application Pools Crash \(80275/79088\)](#) (see page 31)
- [Web Agent Did not Read LocalConfig.conf Settings of LogFile and LogFileName Parameters \(80147/78824\)](#) (see page 32)
- [Colons Encoded in URLs Caused FCC Redirect Failure \(80148/77990\)](#) (see page 32)
- [POST Preservation Data Does Not Work with X509 Client Certificate or Form Template Authentication Scheme \(77783/80271\)](#) (see page 33)
- [Apache Agent on UNIX Changes the File Permissions When Creating the Web Agent and Trace Logs \(77153/82737\)](#) (see page 33)
- [Basic Authentication Prompt Appears over SSL Login Popup Twice after the SMSESSION Cookie Expired \(77014/80152\)](#) (see page 33)
- [Agent Intermittently Failing on Startup of Web Server \(76931/80270\)](#) (see page 34)
- [After Upgrading from 5QMR7 to 6QMR5, the Web Agent fails To Resolve the URL Properly \(76622/80268\)](#) (see page 34)
- [LegacyTransferEncoding Parameter Not Working As Expected \(76082/80267\)](#) (see page 34)
- [Web Agent Metrics seem to report anomalous data \(76541/82506\)](#) (see page 35)

[Accessing an FCC with the Target Site in a Query String but without the SMAGENTNAME Parameter does not Map to the Agent \(82493/78339\)](#) (see page 35)

[CA Wily Introscope Needed One View Monitor Enabled \(68995\)](#) (see page 35)

[Web Agents Returned 500 Error with Anonymous Authentication Scheme \(59617\)](#) (see page 36)

[IIS 6.0 Agents Shutdown Abnormally \(69287\)](#) (see page 36)

[Web Agents Corrupted Cookies Whose Names Started with SMSESSION \(71575\)](#) (see page 36)

[Abnormal Termination when Logging Used with more than 256 Virtual Servers](#) (see page 37)

[The selectlogin.fcc Sample Code was Incorrect \(72806\)](#) (see page 37)

[SharePoint Re-Authenticates when using NTLM \(73611\)](#) (see page 37)

[Sharepoint Problems with Subsequent Login/Logout as Different Users \(73105\)](#) (see page 38)

[Missing Path to SMHost.conf File not Logged \(72096\)](#) (see page 38)

[Web Agents Would Hang when Server Process Terminated Abnormally](#) (see page 38)

[Step Up Authentication with Cookie Providers \(69488\)](#) (see page 39)

[500 Errors in Legacy Cookie Mode and POST Requests not Preserved \(69700\)](#) (see page 39)

[Failure of smreghost Command \(70866\)](#) (see page 39)

[Duplicate Cookie Names Caused Login Loop \(71038\)](#) (see page 40)

[Removable HTTP Header Variable from IIS Web Server Enhancement \(71356\)](#) (see page 40)

[Incorrect DNS Configuration Caused Abnormal Web Agent Terminations \(72151\)](#) (see page 40)

[FCC Files Required Trailing Carriage Return and Line Feed Pairs \(69825\)](#) (see page 41)

[URI Paths Were Translated if DisableDirectoryList Parameter Value was Yes \(69593\)](#) (see page 41)

[URL Protocol Needs Lowercase Characters Enhancement \(69649\)](#) (see page 41)

[Posts with SMPostPreserve Set Returned Information \(70151\)](#) (see page 42)

[Web Agent Load Balancer Did Not Check for Divide-by-Zero Errors \(70726\)](#) (see page 42)

[Receiving Zero-length Packet While Chunk Encoding Terminated Web Agent Abnormally \(64954\)](#) (see page 42)

[Cross-site Scripting Vulnerability with %00 Character Sequence \(69191\)](#) (see page 43)

[Remind me Later Button Did Not Validate Domain \(67561\)](#) (see page 43)

[FCC Cross-site Scripting Vulnerability \(67582\)](#) (see page 43)

[FCC and Java Servlet Cross-frame Scripting Vulnerability \(68827\)](#) (see page 44)

## Domino Web Agent Removes Characters from Redirect URL (82059)

**Symptom:**

A Domino Web agent removes characters from the target query string in the redirect URL during the URL normalization process. This behavior occurs even when the Agent Configuration Object (ACO) parameter DominoNormalizeURLs is set to No.

**Solution:**

A Domino Web agent only removes characters from the target query string in the redirect URL when the ACO parameter DominoNormalizeURLs is set to Yes.

STAR Issue: 17382179;01

## localconfigfile Warning Is Output to Web Agent Log (82955)

**Symptom:**

The following warning is output to the Web agent log repeatedly:

CONFIG: Missing required configuration setting 'localconfigfile'.

This warning occurs even when the AllowLocalConfig parameter is set to No in the Agent Configuration Object (ACO).

**Solution:**

This problem is no longer an issue.

STAR Issue: 17929760-01

## Web Agent and Policy Server Crash at Startup (83324)

**Symptom:**

When a trace log filename is specified without the .log extension, the Web agent and Policy Server crash at startup.

**Solution:**

This problem is no longer an issue.

STAR Issue: 17969275-01

## Silent Installation and Configuration of Web Agent Fails in IBM Environment (85165)

**Symptom:**

Silent installation and configuration of a Web agent fails on an AIX 5.3 operating system and IHS 6.1 Web server.

**Solution:**

This problem is no longer an issue.

STAR Issue: 18057139;01+18092126;01

## Failover to the Second Policy Server in the Cluster Not Working with SOA Agent (78289)

**Symptom:**

Failover to the second policy server in the cluster was not working with SOA Agent on Web servers.

**Solution:**

This is no longer an issue.

## Mime Type of the Application Request Changed with Post Preservation (83267)

**Symptom:**

The Mime type of the application request is changed when the user is redirected from SMMakeCookie.ccc URL to the application URL.

Star Issue # 16586329;01

**Solution:**

This is no longer an issue.

## Custom page that posts to an FCC with invalid credentials causes the agent to redirect to login.fcc (69552/80254)

**Symptom:**

Custom page that posted to an FCC with invalid credentials caused the agent to redirect to login.fcc instead of that custom page.

Star issue #16987873

**Solution:**

A new smaceauth.fcc file containing new directive @smacefcc has been introduced that deals with proper redirection and setting of new password in case the fcc is used with ACE authentication. The directive should be set to 1 in case the user wishes to use the fcc with ACE authentication.

## IIS 6 Crashing Intermittently (75715/81043)

**Symptom:**

IIS 6 crashing intermittently; ISAPIExtension causing stack corruptions.

Star issue #17460931;01

**Solution:**

This is no longer an issue.

## Change in Behavior Between 5.0.8 and 6.0.5 WA for AllowCacheHeaders Parameter (73604/80256)

**Symptom:**

The problem is that after logoff, a request for protected resource redirect8 is met with a 304 and causes an auth reject. User flow is attached as smaccess\_UAT\_log\_cacheissue.txt in UAT.zip. In the customer's WA 5.0.8.02 UAT environment it gives a 200 response, but in the customer's WA 6.0.5.19 SIT environment it gives an undesired 304 response.

**Solution:**

This is no longer an issue.

STAR Issue: 17365359:1

## Error Message for Failed Shared Memory/Semaphore Allocation Does Not Show errno Message (75110/82743)

**Symptom:**

Error message for failed shared memory/semaphore allocation does not show errno message as expected.

Star issue #17415983;02

**Solution:**

This is no longer an issue.

## Password Change Page Shows Encoded Message If Old Password Is Wrong (75232/80259)

**Symptom:**

Password change page shows encoded message if old password is wrong.

Star issues 17416747-1; 17494129-1; 17154401-1; 17568597-1

**Solution:**

This is no longer an issue.

## Performance Issues with Domino Web Agent (75503/80260)

**Symptom:**

Performance issues with Domino Web agent. A user authenticates from IIS6 Web Agent, and then navigates to Domino 7.0.2. All requests to Domino resources are validated against the Policy Server. Requests were not processed in cache; they went to the Policy Server over and over.

Star issue #17422044;01

**Solution:**

Update Session Start and Expire time appropriately in ThisUser as per the information available from the validated session, so as to prevent the user session from getting expired.

## IHS Web Server on AIX Crashes Under Load Test (80262/76647)

**Symptom:**

Web Agents running on an IHS web server on the AIX operating environment would consume 100% of the CPU resources during a load test.

STAR Issue # 17530738:01

**Solution:**

This issue has been fixed.

## TLI Tracing Not Working (80273/78843)

**Symptom:**

Transaction Layer Interface (TLI) tracing was not working on the Web Agent.

STAR Issue # 17619466:01

**Solution:**

This issue has been fixed.

## ServerErrorFile did not Work on IIS if the SMAGENT value was invalid

**Symptom:**

The ServerErrorFile did not work on an IIS web server when the request was sent to the web agent and the SMAGENT value was invalid.

STAR Issue # 17587745:01

**Solution:**

This issue has been fixed.

## Back-end Server of Reverse Proxy Configuration not Trusting Proxy Session when ProxyTrust parameter set to yes (81619/80349)

**Symptom:**

The back-end server in a reverse-proxy configuration was not trusting the session even though the value of the proxytrust parameter was set to yes on the proxy server.

**Solution:**

This issue has been fixed.

STAR Issue: 17609461:01

## IIS 6.0 Running on Windows Server 2003 has Application Pools Crash (80275/79088)

**Symptom:**

An IIS Web Server running on the Windows Server 2003 operating environment had application pool crashes.

STAR Issue # 17663373:01

**Solution:**

This issue has been fixed.

## Web Agent Did not Read LocalConfig.conf Settings of LogFile and LogFileName Parameters (80147/78824)

### **Symptom:**

When the value of the AllowLocalConfig parameter was set to no in a Web Agent Configuration Object, the Web Agent still read any parameter values in the WebAgent.conf file on the web server.

STAR Issue # 17627472:02

### **Solution:**

This issue has been fixed. The Web Agent now uses "white-list parsing" and loads *only* the following parameters from the WebAgent.conf file :

- HostConfigFile
- AgentConfigObject
- EnableWebAgent
- ServerPath
- LocalConfigFile
- EnableIntroscopeAgentSupport
- LoadPlugin

## Colons Encoded in URLs Caused FCC Redirect Failure (80148/77990)

### **Valid on UNIX**

### **Symptom:**

If the URL of a target resource contained a colon (:), the Web Agent would not redirect to the Forms Credential Collector (FCC) properly.

STAR Issue # 17582660:01

### **Solution:**

This issue has been fixed.

## POST Preservation Data Does Not Work with X509 Client Certificate or Form Template Authentication Scheme (77783/80271)

**Symptom:**

If a resource is protected by an "X509 client certificate" or "form template" authentication scheme, and if the user authenticates by using form credentials, then POST Preservation data is lost. If Client Certificate is used, then POST Data is preserved.

Star issue #17514370-1

**Solution:**

This is no longer an issue.

## Apache Agent on UNIX Changes the File Permissions When Creating the Web Agent and Trace Logs (77153/82737)

**Valid on UNIX**

**Symptom:**

The Apache Web Agent changes the file permissions from 644 to 600 when creating the Web Agent logs and trace logs.

**Solution:**

This is no longer an issue.

STAR Issue: 17547538:01

## Basic Authentication Prompt Appears over SSL Login Popup Twice after the SMSESSION Cookie Expired (77014/80152)

**Symptom:**

Basic authentication prompt appears over SSL login popup twice after the SMSESSION cookie expired, only on Firefox browser.

Star issue 17385666;01

**Solution:**

This is no longer an issue.

## Agent Intermittently Failing on Startup of Web Server (76931/80270)

**Symptom:**

Agent intermittently failing on startup of Web Server.

Star issue #17530547-01

**Solution:**

This is no longer an issue.

## After Upgrading from 5QMR7 to 6QMR5, the Web Agent fails To Resolve the URL Properly (76622/80268)

**Symptom:**

After upgrading from 5QMR7 to 6QMR5, the Web Agent fails to resolve the URL properly.

Star issue # 17546358-1

**Solution:**

This is no longer an issue.

## LegacyTransferEncoding Parameter Not Working As Expected (76082/80267)

**Symptom:**

LegacyTransferEncoding parameter not working as expected.

Star issue #17068787-1

**Solution:**

This is no longer an issue.

## Web Agent Metrics seem to report anomalous data (76541/82506)

**Symptom:**

SiteMinder Web Agent metrics seem to report anomalous data when used with Wily Introscope.

STAR Issue # 17733759:01, 17502633:01

**Solution:**

This issue has been fixed.

## Accessing an FCC with the Target Site in a Query String but without the SMAGENTNAME Parameter does not Map to the Agent (82493/78339)

**Symptom:**

Accessing an FCC URL that contains the URL of a target site in the query string portion, did not map to the Web Agent properly if the query string portion did not also contain the SMAGENTNAME parameter.

STAR Issue # 17434864:01

**Solution:**

This issue has been fixed.

## CA Wily Introscope Needed One View Monitor Enabled (68995)

**Symptom:**

The SiteMinder One View monitor needed to be enabled to use CA Wily Introscope with SiteMinder.

**Solution:**

This issue has been fixed.

## Web Agents Returned 500 Error with Anonymous Authentication Scheme (59617)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents.**

**Symptom:**

Web Agents returned an internal server (500) error when the anonymous authentication scheme was used.

**Solution:**

This is no longer an issue. These Web Agents now return a Forbidden (403) error when the anonymous authentication scheme is used.

## IIS 6.0 Agents Shutdown Abnormally (69287)

**Symptom:**

IIS 6.0 Web Agents terminated abnormally when shutting down.

**Solution:**

This is no longer an issue.

STAR Issue: 16979512:1

## Web Agents Corrupted Cookies Whose Names Started with SMSESSION (71575)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents.**

**Symptom:**

Web Agents would corrupt cookies whose names started with "SMSESSION"

**Solution:**

This is no longer an issue.

STAR Issue: 16992793:01

## Abnormal Termination when Logging Used with more than 256 Virtual Servers

**Valid on Solaris.**

**Symptom:**

The Web Agent terminated abnormally when logging was in use and more than 256 virtual servers were configured.

**Solution:**

This is no longer an issue.

STAR Issue: 17394594:01

## The selectlogin.fcc Sample Code was Incorrect (72806)

**Symptom:**

The code in the sample of the selectlogin.fcc forms-credential collector (FCC) was incorrect.

**Solution:**

This is no longer an issue. The code has been corrected.

STAR Issue: 17343399:01

## SharePoint Re-Authenticates when using NTLM (73611)

**Symptom:**

When SiteMinder was used with Microsoft SharePoint and NLTM authentication, users who logged out would be automatically re-authenticated by SharePoint using NLTM.

**Solution:**

This is no longer an issue. A new signout form is included with SiteMinder which prevents SharePoint from re-authenticating a user.

## Sharepoint Problems with Subsequent Login/Logout as Different Users (73105)

**Symptom:**

SiteMinder and Sharepoint integrations did not handle subsequent logins and logouts as a different user correctly.

**Solution:**

This is no longer an issue.

## Missing Path to SMHost.conf File not Logged (72096)

**Symptom:**

The Web Agent logs would not record an error message if the WebAgent.conf file contained an empty path to the SmHost.conf file.

**Solution:**

This is no longer an issue.

## Web Agents Would Hang when Server Process Terminated Abnormally

**Valid on UNIX for re-architected Apache 2.0 and Sun Java System**

**Symptom:**

The web agents would hang if there had been an abnormal termination of the web server process.

**Solution:**

This is no longer an issue. The Web Agents can now recover from a hung state in this situation.

STAR Issue: 16265136:1

## Step Up Authentication with Cookie Providers (69488)

**Valid on IIS 5.0, Domino and Apache 1.3 Agents**

**Symptom:**

Step up authentication with a cookie provider did not work correctly.

**Solution:**

This is no longer an issue.

STAR Issue: 16804956:1

## 500 Errors in Legacy Cookie Mode and POST Requests not Preserved (69700)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Agents**

**Symptom:**

The Web Agent returned a 500 error in a scenario where the legacy cookie mode was set and the POST request was not used for post-preservation.

**Solution:**

This is no longer an issue.

## Failure of smregghost Command (70866)

**Symptom:**

On some faster operating environments, the smregghost utility would return a bad handshake error and fail to connect.

**Solution:**

This is no longer an issue.

STAR Issue: 17188582:1

## Duplicate Cookie Names Caused Login Loop (71038)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents**

**Symptom:**

When existing cookies ended with the same name as the zone cookie, the Web Agent went into a login loop.

**Solution:**

This is no longer an issue.

## Removable HTTP Header Variable from IIS Web Server Enhancement (71356)

**Valid on IIS 6.0 Agents**

**Symptom:**

The server HTTP header variable could not be removed from the Web Agent responses.

**Solution:**

Set the value of the SuppressServerHeader Web Agent configuration parameter to yes.

STAR Issue: 17168050:1

## Incorrect DNS Configuration Caused Abnormal Web Agent Terminations (72151)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents**

**Symptom:**

If DNS was not configured correctly on the web server, the Web Agents terminated abnormally.

**Solution:**

This is no longer an issue.

STAR Issue: 17296085:01

## FCC Files Required Trailing Carriage Return and Line Feed Pairs (69825)

**Symptom:**

FCC files would not work correctly unless they contained a trailing carriage return and line feed pair at the end of the file.

**Solution:**

This is no longer an issue.

STAR Issue: 17117269:1, 17114758:1

## URI Paths Were Translated if DisableDirectoryList Parameter Value was Yes (69593)

**Symptom:**

The Web Agent would translate the URI path even when the Web Agent configuration parameter, DisableDirectoryList, was set to yes.

**Solution:**

This is no longer an issue.

STAR Issue: 16646871:01

**Note:** With this setting, additional HTTP 0.9 messages will not be generated.

## URL Protocol Needs Lowercase Characters Enhancement (69649)

**Symptom:**

Legacy applications required the scheme (protocol) portion to be lowercase. The applications did not comply with RFC 2396.

**Solution:**

Set the value of the LowerCaseProtocolSpecifier Web Agent configuration parameter to yes.

STAR Issue: 17062130:1

## Posts with SMPostPreserve Set Returned Information (70151)

**Symptom:**

Posts with SMPostPreserve set would return information when SiteMinder internal cookies were posted to the web agent.

**Solution:**

This is no longer an issue.

## Web Agent Load Balancer Did Not Check for Divide-by-Zero Errors (70726)

**Symptom:**

The web agent load balancer did not check for or handle divide-by-zero errors.

**Solution:**

This is no longer an issue.

STAR Issue: 17174992:1

## Receiving Zero-length Packet While Chunk Encoding Terminated Web Agent Abnormally (64954)

**Valid on Apache 2.0 Web Agents**

**Symptom:**

If the web agent was performing chunk encoding, receiving zero-length packet caused the Web Agent to terminate abnormally.

**Solution:**

This is no longer an issue.

## Cross-site Scripting Vulnerability with %00 Character Sequence (69191)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents**

**Symptom:**

A cross-site scripting attack vulnerability existed with the use of the %00 character sequence.

**Solution:**

This is no longer an issue.

STAR Issue: 17042893:1

## Remind me Later Button Did Not Validate Domain (67561)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents**

**Symptom:**

The "Remind me later" button on the smpwservice.fcc page did not verify that the target domain was valid even when the ValidDomainTarget Web Agent configuration parameter was enabled.

**Solution:**

This is no longer an issue.

## FCC Cross-site Scripting Vulnerability (67582)

**Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents**

**Symptom:**

There was an FCC cross-site scripting attack vulnerability.

**Solution:**

This is no longer an issue.

## FCC and Java Servlet Cross-frame Scripting Vulnerability (68827)

**Symptom:**

There was a cross-frame scripting attack vulnerability involving FCCs and Java servlets.

**Solution:**

This is no longer an issue.

# Chapter 7: 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.

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

<b>Language</b>	<b>Internationalized</b>	<b>Translated</b>
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
Russian	Yes	No
Spanish	Yes	No

<b>Language</b>	<b>Internationalized</b>	<b>Translated</b>
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 8: Documentation

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This section contains the following topics:

[Guide Names](#) (see page 47)

[Release Numbers on Documentation](#) (see page 48)

[SiteMinder Bookshelf](#) (see page 48)

## Guide Names

The names of the SiteMinder guides are as follows:

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**Guide**

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*Policy Server Release Notes*

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*Web Agent Release Notes*

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*SDK Release Notes*

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*API Reference Guide for Java*

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*Programming Guide for Java*

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*API Reference Guide for C*

---

*Programming Guide for Perl*

---

*SDK Overview Guide*

---

*Policy Server Installation Guide*

---

*Upgrade Guide*

---

*Policy Server Configuration Guide*

---

*Policy Server Administration Guide*

---

*Web Agent Installation Guide*

---

*Web Agent Configuration Guide*

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*Web Agent Option Pack Guide*

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*Federation Security Services Guide*

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*Federation Security Services Release Notes*

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*Directory Configuration Guide*

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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](#).