

CA SiteMinder®

Agent for Microsoft® SharePoint® Release Notes r12.0



Second Edition

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CA Technologies Product References

This document references the following CA Technologies products:

- CA Technologies SiteMinder®

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Contact CA Support

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Chapter 1: Welcome

Welcome to the CA Technologies SiteMinder Agent for SharePoint. These Release Notes contain product installation notes, operating system support, known issues, and information about contacting CA Technologies Technical Support.

Chapter 2: New Features

This section contains the following topics:

[SiteMinder Management UI](#) (see page 9)

[Dedicated Agent Configuration Object](#) (see page 9)

[Documentation Bookshelf Included with Management UI](#) (see page 9)

SiteMinder Management UI

The SiteMinder Agent for SharePoint features a new user interface, the SiteMinder Management UI, that is deployed as an integrated part of your SharePoint server.

Dedicated Agent Configuration Object

The SiteMinder Agent for SharePoint includes an Agent Configuration Object specifically designed for your SharePoint resources.

Documentation Bookshelf Included with Management UI

The SiteMinder Management UI includes a bookshelf with both PDF and HTML versions of the Agent for SharePoint documentation. This bookshelf is automatically installed with the Management UI and can be opened using the Windows Start menu.

More information:

[SiteMinder Agent for SharePoint Bookshelf](#) (see page 44)

Chapter 3: Operating System Support

For a list of supported platforms:

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

Chapter 4: Installation Considerations

Reinstallation Steps for SharePoint Farm Deployments (98483, 102021)

Symptom:

How do I remove and reinstall the Agent for SharePoint in a SharePoint server farm?

Solution:

Installation or removal must be done on all servers in a farm.

Use the following process:

1. Remove the Agent for SharePoint from the primary server.
2. Remove the Agent for SharePoint from the secondary servers.
3. Install the Agent for SharePoint on the primary server.
4. Install the Agent for SharePoint on the secondary servers.

Secondary Site Collection Administrators Removed During Upgrade of SiteMinder Agent for SharePoint (101908)

Symptom:

I upgraded the SiteMinder Agent for SharePoint and the secondary Site Collection administrators were removed from the SharePoint Central Administration UI.

Solution:

As a workaround, use the SharePoint Central Administration UI to add the secondary Site Collection administrators back to their respective site collections after the upgrade.

Chapter 5: Forms Based Authentication (FBA) Limitations

This section contains the following topics:

[FBA Limitations Organized by Function and Feature](#) (see page 15)

FBA Limitations Organized by Function and Feature

The forms-based authentication method used by the SiteMinder Agent for SharePoint has certain limitations. These limitations are listed according to their overall function in SharePoint, and then listed according to their specific feature. For example, the Collaboration function contains the following SharePoint features:

- Document Sharing
- Task Tracking
- Calendars

The following table lists the functions, features, and known limitations that affect the FBA method:

Function	Feature	Known Limitations
Portal	Personalization User profiles and the profile Data Store	Requires manual configuration to help ensure that any My Sites can be accessed by FBA users. The Shared Services Provider also needs to be protected by SharePoint Forms Authentication Mode
	Audience Targeting	FBA users cannot be used in audience targeting rules for web parts. As a workaround, create SharePoint groups and assign FBA users to the groups.
Enterprise Search	Relevance	Searches work for FBA applications protected with FBA only if the default zone is protected using Windows mode.
	People Search	
	Business Data Search	
	User Experience	
	Security	

Content Management	Search Extensibility	The Business Data Catalog is a type of Shared Services Provider. Use the related SSP procedures as a guide if you want to protect your Business Data Catalog with FBA.
	Search manageability and Scalability	
Data Catalog	Business Intelligence (with Excel Services)	Delegation is <i>not</i> supported for FBA users. To use an Excel Services Web Part that connects to a SQL Server database using FBA, use trusted subsystem mode. For more information, go to the Microsoft TechNet site, and then search for any of the following items:
		<ul style="list-style-type: none">■ Plan external data connections for Excel Services■ cc262899
Office Client Integration	SPSESSION cookie expiration	After the SPSESSION cookie time out occurs, the Office Document may challenge the user for access.
User Migration	All	Personalization permissions for MySites cannot be migrated because they are not supported by the Microsoft API. Permissions given to individual users through Policy for web applications is not supported in user Migration by the Microsoft MigrateUserAccount API."
Windows Delegation		Excel Services delegation of the Windows Identity to SQL Server for FBA users is explicitly prevented by the Excel Services web-part code.

Chapter 6: Known Issues

This section contains the following topics:

[Protecting Resources in Parent Directories with the Agent for SharePoint While Leaving Resources in Child Directories Unprotected \(CQ122228, CQ126609\)](#) (see page 18)

[Audience Rules for Shared Service Providers Protected with FBA not Supported \(89534, 102022\)](#) (see page 18)

[SharePoint Search Function Not Working After the Default Zone of a Web Application is Protected \(89755, 102028\)](#) (see page 18)

[Cannot Browse for Users in a Directory using SharePoint \(88824\)](#) (see page 19)

[Enable Paging for Searches of Active Directory User Stores \(32-bit systems\)](#) (see page 20)

[The SiteMinder Agent for SharePoint Protects All Site Collections Under the same Web Application \(87196\)](#) (see page 21)

[Manually Verify a Successful Removal of the SiteMinder Agent for SharePoint \(99348\)](#) (see page 22)

[Manually Resolve Removal Problems \(99348\)](#) (see page 24)

[Restore SharePoint Central Administration Site after Removing SiteMinder Agent for SharePoint](#) (see page 26)

[SiteMinder Impersonation Authentication Scheme Session Continues After Clicking End Session \(99568 95755 90973\)](#) (see page 34)

[Parameters not in Shown SharePointDefaultSettings Agent Configuration Object \(100414/99867\)](#) (see page 35)

[Wildcard Mappings not Allowed in Searches for Groups in People Picker \(87019, 102010\)](#) (see page 35)

[Users from All Zones in a Web Application are shown in the Migration Screen \(93295, 102018\)](#) (see page 35)

[SiteMinder Anonymous Authentication Scheme with SharePoint Produces Access Denied Error \(85909, 102031\)](#) (see page 36)

[Migration Issue for Users of Sites in Different Zones \(89394, 102027\)](#) (see page 36)

[Cannot Find Active Directory Users in People Picker \(97229, 102035\)](#) (see page 37)

[User Must Close Browser After Logging Off with X.509 Authentication Scheme \(90155, 102019\)](#) (see page 37)

[Behavior of the SPDisableClientIntegration Web Agent Configuration Parameter \(109670\)](#) (see page 38)

[Special Characters in SharePoint Farm Administrator Passwords \(CQ\)](#) (see page 38)

Protecting Resources in Parent Directories with the Agent for SharePoint While Leaving Resources in Child Directories Unprotected (CQ122228, CQ126609)

Symptom:

I want to protect some resources with the Agent for SharePoint, but leave other resources that are in child directories unprotected. When I configured my SiteMinder Policy to leave the resources in the child directories unprotected, I had problems with the Agent for SharePoint.

Solution:

As a workaround, protect the resources in the child directories with a SiteMinder Anonymous Authentication scheme instead.

STAR Issue # 19593115:01

Audience Rules for Shared Service Providers Protected with FBA not Supported (89534, 102022)

Symptom:

When I try to create audience rules for my Shared Service Provider site that is protected with a forms-based authentication, I receive the following error:

Account format is Invalid

Solution:

Audience rules are not supported for this situation. This is due to a limitation in a third-party product.

SharePoint Search Function Not Working After the Default Zone of a Web Application is Protected (89755, 102028)

Symptom:

The search function does not work after I protect the default zone of a SharePoint web application with SiteMinder.

Solution:

This is due to a limitation in a third-party product.

Cannot Browse for Users in a Directory using SharePoint (88824)

Symptom:

I can use the browse buttons on the SharePoint pages to search for groups, but I cannot search for users the same way.

Solution:

This occurs because some directory servers do not support sorting and paging. This issue is with a third-party product.

Enable Paging for Searches of Active Directory User Stores (32-bit systems)

Valid for Policy Servers that are installed on Windows 32-bit operating environments that are connected to Active Directory servers.

Symptom:

I cannot use the SharePoint people picker to search my Active Directory user store.

Solution:

The Active Directory namespace does not support paging, causing searches of more than 1000 users to fail. To support searches of large numbers of users in the Active Directory namespace, set the EnablePagingADNameSpace registry key to one.

To enable paging for searches on your Windows Policy Server:

1. Open the Windows registry editor.
2. Locate the following registry key:

```
HKEY_LOCAL_MACHINE\SOFTWARE\Netegrity\SiteMinder\CurrentVersion\Ds\LDAPProvider\EnablePagingADNameSpace
```

3. Set the value of the key to 1.

To enable paging for searches on your UNIX Policy Server:

1. Navigate to *policy_server_installation_directory/siteminder/registry*
2. Open sm.registry in a text editor.
3. Locate the following text in the file:

```
HKEY_LOCAL_MACHINE\SOFTWARE\Netegrity\SiteMinder\CurrentVersion\Ds\LDAPProvider\EnablePagingADNameSpace
```

4. Set the value of the key to 1.

More information:

[Cannot Find Active Directory Users in People Picker \(97229, 102035\)](#) (see page 37)

The SiteMinder Agent for SharePoint Protects All Site Collections Under the same Web Application (87196)

Symptom:

My SharePoint web application contains some site collections that I want to protect with the SiteMinder Agent for SharePoint and some that I do not want to protect.

Solution:

Extend the site collections that you do *not* want to protect to a different zone.

Manually Verify a Successful Removal of the SiteMinder Agent for SharePoint (99348)

Symptom:

I ran the uninstaller to remove the SiteMinder Agent for SharePoint from my computer. How can I verify that all of the components were removed?

Solution:

Use the following process:

1. Verify that the WSP Solution files been removed, by doing the following tasks:
 - a. Open the SharePoint Central Administration page, and then click Operations, Solution Management.
 - b. Verify that none of the following entries appear on this page:
 - CA.SiteMinder.SiteSolution.SiteFeatures.wsp
 - CA.SiteMinder.SiteSolution.SiteDefination.wsp
 - c. If either of the previous entries exists do the following:
 - Select the respective wsp, and then click Retract Solution.
 - Select the wsp again and then click Remove Solution.
2. Check the central administration UI. If there is no option to retract the solution due to an error in deployment, cancel the deployment for these WSPs using the following procedure:
 - a. Open a command prompt and run the following command:

```
C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN>stsadm -o enumdeployments
```

This displays all the solutions that are in deployment state.
 - b. Note the Job IDs of the listed solutions and then the run the following command to cancel the deployment:

```
C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN>stsadm -o canceldeployment -id "DisplayedJobId"
```

For example:

```
C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\BIN>stsadm -o canceldeployment -id e7384d3bfefda67d6f58f84fabaa7c5b
```
 - c. Go to the Central Administration UI and retract and remove the solution as before.
3. Open the SharePoint Central Administration page, and then do the following:
 - a. Verify that the SiteMinder Management UI tab no longer appears in the SharePoint Central Administration UI. If it still exists, delete the application.

- b. Click Application Management, Web Application List
 - c. Verify that the SiteMinder Management web application does not appear in the list (delete it if it does).
 4. Open Internet Information Manager (IIS) and verify the following items:
 - That the SiteMinder management application does not appear in application pools list (delete it if it does).
 - That the SiteMinder management application does not appear in the Web Sites folder (delete it if it does)
 5. Verify that the web application folder used for the SiteMinder management application does not exist. See the following example:
`c:\Inetpub\wwwroot\wss\VirtualDirectories\port_number`
 6. Open the following directory:
`%windir%\assembly`
 7. Verify that all of the following dll files do not appear:
 - CA.SiteMinder.Common.dll
 - CA.SiteMinder.Dashboard.WebUI.dll
 - CA.SiteMinder.MemberRoleProvider.dll
 - CA.SiteMinder.SPConfig.WebUI.dll
 - CA.SiteMinder.SPWebModule.dll
 - CA.SiteMinder.UserMAPI.dll
 - CA.SiteMinder.UserMigration.dll
 - CA.SiteMinder.UserMigration.WebUI.dll
 - CA.SiteMinder.UserProfileImport.dll
 - CA.SiteMinder.UserProfileImport.Intl.dll
 - CA.SiteMinder.UserProfileImport.WebUI.dll
 - CA.SiteMinder.WebConfiguration.dll
 - CA.SiteMinder.WebConfiguration.IIS6.dll
 - CA.SiteMinder.WebConfiguration.IIS7.dll
 8. Open registry editor, and then verify that following entry is not present:
`HKEY_LOCAL_MACHINE\SOFTWARE\CA\SiteMinder Agent for SharePoint`
 9. Open Windows Explorer and verify that the following folder is empty:
`web_agent_home\sharepoint-agent`

Manually Resolve Removal Problems (99348)

Symptom:

I tried to remove the SiteMinder Agent for SharePoint from my system, but the uninstaller displayed error messages.

Solution:

Use the following process:

1. Clean up the WSP files by doing the following steps (for both of the WSP files):
 - a. Open Central Administration, Operations, Solution Management.
 - b. Locate the following entries:
 - CA.SiteMinder.SiteSolution.SiteFeatures.wsp
 - c. CA.SiteMinder.SiteSolution.SiteDefination.wsp
 - d. Click an entry to retract it from the solution.
 - e. Click the Retract Solution link in the action bar.
 - f. Schedule the retraction job or start immediately.
 - g. Wait until the status of wsp becomes not deployed in solution management page.
 - h. Click again on the same wsp, and click the Remove Solution link.
 - i. Click OK.
 - The WSP is deleted.
 - j. Verify that the wsp does not exist anymore in solution management page.
 - k. Repeat Steps 1b through 1i to remove the other WSP.
2. Delete the SiteMinder management web application by doing the following steps:
 - a. Open Central Administration, Application Management, Delete Web Application.
 - b. Choose the SiteMinder management web application from the drop-down list (choose web application).
 - c. Click yes to Delete the content database and the Delete IIS web sites option buttons and click OK.
3. Confirm the SiteMinder management web application does not exist at Central Administration, Application Management, Web Application list.
4. Confirm that Application Pool and Website related to SiteMinder application have been removed from Inetmgr by doing the following steps:
 - a. Open the Inetmgr, and then click Application Pool .

- b. Find the Application pool associated with the SiteMinder Management application, right-click it, and delete it.
 - c. Click the Web Site folder and find the website related to SiteMinder Management application, right-click it, and delete it
5. Confirm that the SiteMinder Management application tab on Central admin is no longer present, if it still exists, then use the following steps:
 - a. Go to Central Administration, Site Action, Site Settings, Top Link Bar.
 - b. Locate the SiteMinder management entry and click the left icon.
 - c. Click the delete button, and then click Yes.
6. Confirm that GAC dlls have been removed.
 - a. Open the `%windir%\assembly` folder.
 - b. Verify if there are any DLL files that begin with the following:
CA SiteMinder
 - c. Remove any of the previous DLL files.
 - d. Open the Control Panel, Add/Remove Programs.
 - e. Remove the GAC Installation Package.
7. Open registry editor and delete the following entries (if present):
HKEY_LOCAL_MACHINE\SOFTWARE\CA\SiteMinder Agent for SharePoint
8. Go to the folder where the web agent is installed and check if sharepoint-agent folder exists inside the webagent folder. If present delete it.

Note: The `%nete_wa_root%` variable points to the installed location of the web agent.

Restore SharePoint Central Administration Site after Removing SiteMinder Agent for SharePoint

Symptom:

I removed the SiteMinder Agent for SharePoint from my system, but I can't open my Central Administration site.

Solution:

Use the following process:

1. Remove SiteMinder related entries from the IIS web server.
2. Modify the web.config file for your Central Administration site.
3. Revert back to your previous authentication provider.
4. Remove wildcard application mappings from the IIS web server.
5. Modify the web.config file for each web application that was protected by SiteMinder.
6. Prohibit the SiteMinder ISAPI Web Extensions (only if there are no other applications for which SiteMinder protection is required).

Remove SiteMinder Entries from the IIS Web Server (99348)

Remove the SiteMinder entries from the IIS web server.

Note: The %NETE_WA_ROOT% variable represents the installed location of your web agent.

To remove the SiteMinder entries from the IIS web server

1. For IIS 6.0 do the following steps:
 - a. Remove SiteMinder related wildcard application maps: right-click the SharePoint Central Administration site under Web Sites and select Properties.
 - b. Click the Home Directory tab, click the Configuration button under the Application Settings.

The Application Configuration dialog opens.
 - c. Under the Wildcard application maps section, select the entry which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
 - d. Click the Remove button, and then click Yes from the confirmation dialog.
 - e. Click OK.
 - f. If an Inheritance Overrides dialog appears, then click Select All in all subsequent windows.
 - g. Click OK in all subsequent windows.
2. For IIS 7.0 do the following steps:
 - a. Select the SharePoint Central Administration site under Sites.
 - b. Under the IIS group, double-click Authentication.
 - c. Right-click Windows Authentication and select Advanced Settings.
 - d. Select the Enable Kernel-mode authentication check box, then click OK.
 - e. Under the IIS group, double-click ISAPI Filters.
 - f. Right-click the SiteMinder Web Agent entry, which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
 - g. Click Remove, and then click Yes.
 - h. Under the IIS group, double-click Handler Mappings.
 - i. Right-click the SiteMinder Web Agent entry, which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
 - j. Click Remove, and then click Yes.

Modify the web.config files (99348)

Modify the web.config file.

To modify the web.config file

1. Make a backup copy of Central Administration web.config file.
2. Open web.config file for Central Administration
3. Remove CA membership provider entries for CASiteMinderMemberProvider from XPATH configuration/system.web/membership. For example, remove the all of lines which are mentioned below:

```
<add name="CASiteMinderMemberProvider "  
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvid  
er,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderMemberProvider_Intranet"  
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvid  
er,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderMemberProvider_Internet"  
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvid  
er,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderMemberProvider_Extranet"  
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvid  
er,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderMemberProvider_Custom"  
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvid  
er,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

4. Replace the SiteMinder provider name from attribute defaultProvider under XPATH configuration/system.web/membership with other valid providers. For example, remove the defaultProvider which is highlighted below:

```
<membership defaultProvider="CASiteMinderMemberProvider">
```

5. Remove CA role provider entries for CASiteMinderRoleProvider from XPATH configuration/system.web/roleManager. For example, remove the all of lines which are mentioned below:

```
<add name="CASiteMinderRoleProvider "  
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider  
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderRoleProvider_Intranet"  
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider  
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderRoleProvider_Internet"  
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider  
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />  
<add name="CASiteMinderRoleProvider_Extranet"  
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider  
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

```
<add name="CASiteMinderRoleProvider_Custom"
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

6. After removing CA SiteMinder membership and role provider entries if XPATHS configuration/system.web/membership and configuration/system.web/roleManager does not contain any provider name both the XPATH can be removed
7. Try opening Central Administration web application.

Revert to your Previous Authentication Provider (99348)

Revert to your previous authentication provider using the SharePoint Central Administration UI.

To revert to your previous authentication provider

1. Open the SharePoint Central Administration page, and then click Application Management.
2. Click Authentication providers, and then select the web application from which you want to remove the SiteMinder protection in the Web Application drop-down list.
3. Click the Zone URL from which you want to remove the SiteMinder protection.
The Edit Authentication screen appears.
4. Note whether Anonymous Access is enabled.
5. Under Authentication Type select your previous authentication type, and then enter all other previous authentication settings.
6. Do *one* of the following steps:
 - If the web application was protected using SiteMinder Forms Authentication, go to Step 7.
 - If the web application was protected with a different authentication method, click Cancel.
7. Click Save.

Remove SiteMinder Wildcard Application Mappings from your IIS Web Server (99348)

Remove the SiteMinder wildcard application mappings from your IIS web server.

Note: The %NETE_WA_ROOT% variable represents the installed location of your web agent.

To remove the SiteMinder wildcard application mappings

1. Open IIS Manager.
2. For IIS 6.0, do the following steps:
 - a. Right-click zone specific web site under Web Sites and select Properties.
 - b. Verify Anonymous Authentication Mode
 - c. Click the Directory Security tab, and then click Edit under Authentication and access control.

The Authentication Method dialog appears.
 - d. Verify that the Enable anonymous access check box "" has same setting you specified when you reverted to your [previous authentication provider](#) (see page 29).
 - e. Click OK.
 - f. Click the Home Directory tab, and then click Configuration.

The Application Configuration dialog appears.
 - g. Under Wildcard application maps click the entry which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
 - h. Click Remove, and then click Yes from the confirmation dialog.
 - i. Click OK.
 - j. Select the entry which points to %NETE_WA_ROOT%\bin\SPWindowsImpersonation.dll.
 - k. Click Remove, and then click Yes.
 - l. Click OK.
 - m. If an Inheritance Overrides dialog appears, click Select All in all subsequent windows.
 - n. Click "OK" in all subsequent windows.
3. For IIS 7.0, do the following:
 - a. Select SharePoint Central Administration site under Sites.
 - b. Under the IIS group, double-click Authentication.

- c. Right-click Anonymous Authentication and select “Disable” if you also disabled Anonymous Access” when you reverted to your [previous authentication provider](#) (see page 29).
- d. Under the IIS group double click ISAPI Filters.
- e. Right-click the entry SiteMinder Web Agent which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
- f. Click Remove, and then click Yes from the dialog.
- g. Under the IIS group, double-click Handler Mappings.
- h. Right-click the entry SiteMinder Web Agent which points to %NETE_WA_ROOT%\bin\ISAPI6WebAgent.dll.
- i. Click Remove. Click “Yes” from the dialog.
- j. Repeat Step 3i to remove the entry SiteMinder Windows Impersonation which points to %NETE_WA_ROOT%\bin\SPWindowsImpersonation.dll

Modify the web.config File for each Application that was Protected by SiteMinder (99348)

Modify the web.config file for each web application that was protected by SiteMinder.

To modify the web config file

1. Backup of web application's web.config file.
2. Open web.config file for the web application
3. Remove CA Session Management Module line which is specified below from XPATH configuration/system.web/httpModules

```
<add name="SessionMgmtModule"
type="CA.SPWebModule.SessionMgmtModule,CA.SiteMinder.SPWebModule,Version=1.0.0.0,Culture=neutral,PublicKeyToken=29f091c10dd5f4a0" />
```

4. Remove CA membership provider entries for CASiteMinderMemberProvider from XPATH configuration/system.web/membership. For example, remove the all of lines which are mentioned below:

```
<add name="CASiteMinderMemberProvider "
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderMemberProvider_Intranet"
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderMemberProvider_Internet"
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderMemberProvider_Extranet"
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderMemberProvider_Custom"
type="CA.SMMemberRoleProvider.SMMemberProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

5. Remove CA role provider entries for CASiteMinderRoleProvider from XPATH configuration/system.web/roleManager. For example, remove the all of lines which are mentioned below:

```
<add name="CASiteMinderRoleProvider "
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderRoleProvider_Intranet"
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderRoleProvider_Internet"
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider,Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

```
<add name="CASiteMinderRoleProvider_Extranet"
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
<add name="CASiteMinderRoleProvider_Custom"
type="CA.SMMemberRoleProvider.SMRoleProvider,CA.SiteMinder.MemberRoleProvider
, Version=1.0.0.0,Culture=neutral,PublicKeyToken=e9a76eb29817bc54" />
```

6. Revert to the previous SiteMinder provider name from attribute defaultProvider under XPATH configuration/system.web/membership and configuration/system.web/roleManager with other valid providers. For example, revert the defaultProvider which is highlighted below

```
<membership defaultProvider="CASiteMinderMemberProvider">
...
<roleManager enabled="true"
defaultProvider="CASiteMinderRoleProvider_Intranet">
```

7. After removing CA SiteMinder membership and role provider entries if XPATHS configuration/system.web/membership and configuration/system.web/roleManager doesn't contain any provider name both the XPATH can be removed.
8. If SiteMinder Forms protection was done revert Forms Login URL to pre SiteMinder protection URL from XPATH configuration/system.web/authentication, default SharePoint specified value will be as shown below:

```
<forms loginUrl="/_layouts/SPLogin.aspx" />
```

9. Try opening web application. During SiteMinder protection a back of web.config file is can be found with file name web.config.SiteMinder.bak so any previous values can be used from that file.

Prohibit the SiteMinder ISAPI Web Extensions (99348)

If there are no other resources on your IIS web server that are protected by SiteMinder you can disable the SiteMinder ISAPI web extensions.

To prohibit the SiteMinder ISAPI web extensions

1. Open IIS Manager.
2. For IIS 6.0, do the following steps:
 - a. Click Web Service Extensions, and then right-click SiteMinder Web Agent (if any).
 - b. Click Prohibit
 - c. Repeat Step 2b for SiteMinder Windows Impersonation (if any)
3. For IIS 7.0, do the following steps:
 - a. Select hostname under the IIS group.
 - b. Double-click ISAPI and CGI Restrictions.
 - c. Right-click SiteMinder Web Agent, and then click Deny.
 - d. Repeat Step 3c for SiteMinder Windows Impersonation (if any).

SiteMinder Impersonation Authentication Scheme Session Continues After Clicking End Session (99568 95755 90973)

Symptom:

When I impersonate a user with the SiteMinder Impersonation Authentication scheme, the session is still active after I click End Session.

Solution:

The SPAUTHENTICATE cookie is not being deleted. As a workaround, you can create your own custom script (for either the server or the client) to delete the cookie and redirect the user to the log-off page.

Parameters not in Shown SharePointDefaultSettings Agent Configuration Object (100414/99867)

Symptom:

I cannot find the following parameters in the SharePointDefaultSettings template for my Agent Configuration Object:

- SPClientIntegration
- SPDisableClientIntegration
- SPAuthorizeUserAgent

Solution:

You can add these parameters to your Agent Configuration object manually.

Wildcard Mappings not Allowed in Searches for Groups in People Picker (87019, 102010)

Symptom:

When I use a wild card to search for a group in the People Picker, the search does not work.

Solution:

SharePoint does not currently support searching for groups using wild card characters.

Users from All Zones in a Web Application are shown in the Migration Screen (93295, 102018)

Symptom:

Users who exist in a more than one zone of the same SharePoint web application appear separately for each zone in the Migration screen of the Management UI.

Solution:

There is no way to separate users according to their zone. However, only the users that exist in the associated SiteMinder user directory are migrated.

SiteMinder Anonymous Authentication Scheme with SharePoint Produces Access Denied Error (85909, 102031)

Symptom:

When I protect a SharePoint web application with the SiteMinder Anonymous Authentication scheme, I see an Access Denied error.

Solution:

Configure your SharePoint environment to support anonymous authentication with the following steps:

1. Go to the Microsoft TechNet [web site](#).
2. Search for the following text:
Configure anonymous access (Office SharePoint Server)
3. Follow the instructions provided by Microsoft.

Migration Issue for Users of Sites in Different Zones (89394, 102027)

Symptom:

A user who had access to two different zones cannot access one of them after migration. This condition happens during the following scenario:

- The same user belongs to two applications.
- The applications use different zones.
- Each zone uses a different type of authentication.
- After migration, the user cannot access the zone of the application which uses IWA.

Solution:

If the same user belongs to two applications in different zones, the user is associated with the zone that uses FBA during migration. Do the following:

1. Create an IWA user.
2. Assign the new user the same permissions of the user from the FBA zone.

Cannot Find Active Directory Users in People Picker (97229, 102035)

Symptom:

The people picker cannot resolve users or groups from my Active Directory.

Solution:

Verify the following:

1. The connection from the SiteMinder Policy Server to the Active Directory server.
2. The Windows registry on the web server hosting the Management UI is set to allow paging during Active Directory searches.

More information:

[Enable Paging for Searches of Active Directory User Stores \(32-bit systems\)](#) (see page 20)

User Must Close Browser After Logging Off with X.509 Authentication Scheme (90155, 102019)

Symptom:

Users can access a resource protected with the SiteMinder X.509 authentication scheme after logging out by clicking the back button in the browser.

Solution:

The client certificate remains in the browser cache. Users must close their browsers after logging out.

Behavior of the SPDisableClientIntegration Web Agent Configuration Parameter (109670)

Symptom:

The following Web Agent Configuration parameter does not work as described in the documentation:

- SPDisableClientIntegration

Solution:

Do *one* of the following workarounds:

- For standalone SharePoint servers or SharePoint server farms, restart your web agent after changing the previous parameter.
- For SharePoint servers behind a reverse proxy, do *not* use the SPDisableClientIntegration parameter. Otherwise, Client Integration is disabled for *all* resources.

Special Characters in SharePoint Farm Administrator Passwords (CQ)

Symptom:

My password as a SharePoint Farm Administrator contains special characters. My SharePoint Central Administration website is on an application server. The Agent for SharePoint Installation program does not work correctly.

Solution:

This issue is fixed. The following special characters are supported:

! @ # % ^ & * () _ + - =

STAR Issues 19447783:01 and 19981220:01

Chapter 7: Defects Fixed

This section lists the defects fixed in the Agent for SharePoint software and documentation since the release of the first version.

Instructions for Protecting Applications on SharePoint Farms Lacked Details (151213)

Symptom:

My SharePoint web applications are deployed on a farm, how do I protect them with the SiteMinder Management UI?

Solution:

The following topics in the Agent for SharePoint Guide now include updated instructions:

- Open the SiteMinder Management UI
- Protect Applications with the SiteMinder Agent for SharePoint

STAR Issue # 20695170:01

Configuration Parameter Settings for Reverse Proxies (CQ128425)

Symptom:

Configuration parameter settings for reverse proxy servers and their client servers were not clear.

Solution:

This issue is fixed.

Note: For more information, see the *SiteMinder Agent for SharePoint Guide*.

STAR Issue # 19841383:01

Deployment of Central Administration Site on Application Sever (CQ127318)

Symptom:

My SharePoint Central Administration Site is deployed on an Application Server. I am not sure which instance of the Management UI I use to protect my SharePoint resources with the Agent for SharePoint.

Solution:

This issue is fixed. The procedure was clarified.

Note: For more information, see the *SiteMinder Agent for SharePoint Guide*.

STAR Issue # 19745328:01

Web Agent for SharePoint and PersistentIPCheck Parameter (126355, 143544)

Symptom:

Agent for SharePoint 2007 configured with an Apache reverse proxy server does not honor the PersistentIPCheck ACO parameter if set to No.

Solution:

This is no longer an issue. An ACO parameter has been added.

Note: For more information, see the *SiteMinder Agent for SharePoint Guide*.

STAR Issue: 19752549-1, 20046218-1, 20093703-1

Reinstallation of Agent for SharePoint Fails After Prior Removal (126034)

Symptom:

I tried to re install the SiteMinder Agent for SharePoint on my computer after removing it.

Solution:

This issue is fixed. Additional steps were added to the Release Notes.

STAR Issue # 19751936:01

Excessive Kerberos Traffic Generated by Windows Impersonation Module (CQ124932/CQ124662)

Symptom:

My log files show significant Kerberos traffic generated by the Windows Impersonation module.

Solution:

Agent for SharePoint configuration parameters were added.

Note: For more information, see the SiteMinder *Agent for SharePoint Guide*.

STAR Issue # 19631074:01

Chapter 8: Documentation

This section contains the following topics:

[Guide Names](#) (see page 43)

[Release Numbers on Documentation](#) (see page 43)

[SiteMinder Agent for SharePoint Bookshelf](#) (see page 44)

Guide Names

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

Guide

SiteMinder Agent for SharePoint Guide

SiteMinder Agent for SharePoint *Release Notes*

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 Agent for SharePoint Bookshelf

The SiteMinder Agent for SharePoint bookshelf lets you do the following:

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

More information:

[Documentation Bookshelf Included with Management UI](#) (see page 9)

Appendix A: Third-Party Acknowledgements

This section contains the following topics:

[WiX v.3.0.4805.0](#) (see page 45)

WiX v.3.0.4805.0

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