

ADFS

System.Web.Security.SingleSignOn.WebSsoConfigurat

Source:

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I am working on an Active Directory Federation Services (ADFS) Proof of Concept and trying some sample code to show identity information.

I am using VS 2005 running on Windows Server 2003 R2 with IIS 6.0.

The ADFS Web Agent for Claims Aware applications is installed. The ADFS Web Agent for NT Token based application is not installed.

When I add the following section from the ADFS Step by Step document to my web.config, an exception is thrown.

```
<httpModules>
<add
name="Identity Federation Services Application Authentication
Module"

type="System.Web.Security.SingleSignOn.WebSsoAuthenticationModule,
System.Web.Security.SingleSignOn, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35, Custom=null" />
</httpModules>
```

I have tried running the web site under the three built in identities provide with IIS 6.0, but it makes no difference. I don't want to run the under a different identity, but its just a suggestion from the error message text.

Has anyone seen this before? –Thanks

Error message below:

```
[WebSsoConfigurationException: The ADFS auditing subsystem could not register itself with the system.
The auditing privilege is not held.
```

The ADFS component will not be able to start unless it is granted the auditing privilege.

User Action

ADFS components that write audits must be configured to run as LocalSystem, NetworkService, or a domain principal that has explicitly been granted the "Generate Security Audits" privilege (SeAuditPrivilege).

If the failing component is the Federation Service, configure the application pool (ADFSAppPool) to run as an appropriate principal.

If the failing component is the ADFS Web Agent Authentication Service, configure the Windows NT service to run as an appropriate principal.

If the failing component is the ADFS Web Agent for claims-aware applications, configure the application pool for the protected application to run as an appropriate principal.

]

System.Web.Security.SingleSignOn.NativeMethods.RegisterAuditSource(String sourceName) +167

System.Web.Security.SingleSignOn.ADFSAuditProvider..ctor(String sourceName) +38

System.Web.Security.SingleSignOn.WebSsoAuthenticationModule..ctor() +40

[TypeInitializationException: The type initializer for 'System.Web.Security.SingleSignOn.WebSsoAuthenticationModule' threw an exception.]

[TargetInvocationException: Exception has been thrown by the target of an invocation.]

System.RuntimeTypeHandle.CreateInstance(RuntimeType type, Boolean publicOnly, Boolean noCheck, Boolean& canBeCached, RuntimeMethodHandle& ctor, Boolean& bNeedSecurityCheck) +0

System.RuntimeType.CreateInstanceSlow(Boolean publicOnly, Boolean fillCache) +103

System.RuntimeType.CreateInstanceImpl(Boolean publicOnly, Boolean skipVisibilityChecks, Boolean fillCache) +261

System.Activator.CreateInstance(Type type, Boolean nonPublic) +66

System.RuntimeType.CreateInstanceImpl(BindingFlags bindingAttr, Binder binder, Object[] args, CultureInfo culture, Object[] activationAttributes) +1036

System.Activator.CreateInstance(Type type, BindingFlags bindingAttr, Binder binder, Object[] args, CultureInfo culture, Object[] activationAttributes) +114

System.Activator.CreateInstance(Type type, BindingFlags bindingAttr, Binder binder, Object[] args, CultureInfo culture) +23

System.Web.HttpRuntime.CreateNonPublicInstance(Type type, Object[] args) +37

ADFS System.Web.Security.SingleSignOn.WebSsoConfigurationException

System.Web.HttpRuntime.CreateNonPublicInstance(Type type) +27
System.Web.Configuration.ModulesEntry.Create() +25
System.Web.Configuration.HttpModulesSection.CreateModules() +208
System.Web.HttpApplication.InitModules() +66
System.Web.HttpApplication.InitInternal(HttpContext context,
HttpApplicationState state, MethodInfo[] handlers) +1171

System.Web.HttpApplicationFactory.GetNormalApplicationInstance(HttpContext
context) +301
System.Web.HttpApplicationFactory.GetApplicationInstance(HttpContext
context) +131
System.Web.HttpRuntime.ProcessRequestInternal(HttpWorkerRequest wr) +212
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