

Re: WSE 3.0 CertSrv Request

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices.enhancements/2006-09/>

- *From:* "Techno_Dex" <nospamchurst@xxxxxxxxxxxxx>
 - *Date:* Thu, 7 Sep 2006 13:58:55 -0500
-

The output trace has the following....

```
<processingStep description="Entering SOAP filter
Microsoft.Web.Services3.Design.MutualCertificate11Assertion+ClientOutputFilter"
/>
<processingStep description="Exception thrown: WSE910: An error happened
during the processing of a response message, and you can find the error in
the inner exception. You can also find the response message in the Response
property."> at
Microsoft.Web.Services3.Messaging.SoapClient.SendRequestResponse(String
methodName, SoapEnvelope envelope)
at
Microsoft.Web.Services3.Security.SecurityTokenServiceClient.RequestSecurityToken(SecurityTokenMessage
request, String methodName)
at
Microsoft.Web.Services3.Security.SecurityContextTokenServiceClient.RequestSecurityContextToken(AppliesTo
appliesTo)
at
Microsoft.Web.Services3.Security.SecurityContextTokenServiceClient.IssueSecurityContextToken(AppliesTo
appliesTo)
at
Microsoft.Web.Services3.Security.Tokens.SecurityContextTokenManager.RequestTokenFromIssuer(EndpointReferen
tokenIssuer, String tokenType, AppliesTo appliesTo, Policy policy,
SoapProtocolVersion soapVersion, StateManager messageState, StateManager
operationState, StateManager sessionState)
at
Microsoft.Web.Services3.Security.SecureConversationClientSendSecurityFilter.EstablishSecureConversation(SoapEn
envelope)
at
Microsoft.Web.Services3.Security.SecureConversationClientSendSecurityFilter.SecureMessage(SoapEnvelope
envelope, Security security)
at
Microsoft.Web.Services3.Security.SendSecurityFilter.ProcessMessage(SoapEnvelope
envelope)
at Microsoft.Web.Services3.Pipeline.ProcessOutputMessage(SoapEnvelope
envelope)</processingStep>
```

"Pablo Cibraro [MVP]" <pcibraro@xxxxxxxxxxxxx> wrote in message
news:%23q568Oq0GHA.1268@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: WSE 3.0 CertSrv Request

mmm, it seems that something is bad configured on the server side. Take a look to the server trace to see if you can find any error there.

Regards,
pablo.

"Techno_Dex" <nospamchurst@xxxxxxxxxxxx> wrote in message
news:uvJgyjf0GHA.1268@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

The InputTrace from the Client has the following error message. The Client OutputTrace looks clean. I am unable to get the Service to spit out any logging info when using a VS ASP.NET Development Server.

```
- <soap:Fault>  
<faultcode>soap:MustUnderstand</faultcode>  
<faultstring>System.Web.Services.Protocols.SoapHeaderException: SOAP  
header Security was not understood. at  
System.Web.Services.Protocols.SoapHeaderHandling.SetHeaderMembers(SoapHeaderCollection  
headers, Object target, SoapHeaderMapping[] mappings,  
SoapHeaderDirection  
direction, Boolean client) at  
System.Web.Services.Protocols.SoapServerProtocol.CreateServerInstance()  
at System.Web.Services.Protocols.WebServiceHandler.Invoke() at  
System.Web.Services.Protocols.WebServiceHandler.CoreProcessRequest(</faultstring>  
</soap:Fault>
```

"Pablo Cibraro [MVP]" <pcibraro@xxxxxxxxxxxx> wrote in message
news:OaBGs5b0GHA.3464@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi,

I need to set the CSP to "Microsoft Enhanced Cryptographic Provider 1.0". I marked the Key Usage as Both (Exchange and Signature), set the Key Size to 1024, checked Create new key set, Mark Keys as exportable. I set the Hash algorithm to SHA-1

All those settings are correct, so what error are you receiving from WSE when you try to use those certificates ?

Regards,
Pablo Cibraro
<http://weblogs.asp.net/cibrax>

Re: WSE 3.0 CertSrv Request

"Techno_Dex" <nospamchurst@xxxxxxxxxxxx> wrote in message
news:eirCk8SzGHA.3512@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I am having a problem creating the appropriate Certificates for mutual X509 security use our in house Cert Authority with teh CertSrv wizard. I have not found any good documentation on what type of certificates need to be created and which parameters need to be set in the CertSrv. I took a look at Pablo's blog <http://weblogs.asp.net/cibrax/archive/2006/08/08/Creating-X509-Certificates-for-W> but all that does is obscure the CertSrv Template that is used to create the desired Certificates instead of explaining which options need to be set.

So far I am using the Advanced request option in the CertSrv and using the CA form option to populate the cert details. I'm assuming that the Intended Purpose is "Server Authentication Certificate" for the WS side and "Client Authentication Certificate" for the Client side. From Pablo's blog it appears I need to set the CSP to "Microsoft Enhanced Cryptographic Provider 1.0". I marked the Key Usage as Both (Exchange and Signature), set the Key Size to 1024, checked Create new key set, Mark Keys as exportable. I set the Hash algorithm to SHA-1.... Can someone shed some light on what I'm missing?

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