

Secure Conversation vs Standard

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices.enhancements/2004-10/>

From: Asif Ansari (*asifkansari_at_gmail.com*)

Date: 10/22/04

Date: 22 Oct 2004 13:55:14 -0700

Hi,

I am in a confused state and would appreciate if somebody would help me remove my confusion.. But please bear with me- I am new to WS-Security..

Initially I was creating an ASP.NET application wherein I was sending a signed and encrypted Username token to the Web Server for the initial login method. In CustomUsernameTokenManager I was able to authenticate the user credentials against Active Directory and was subsequently able to obtain roles for the user and assign it to the GenericPrincipal Object. I then used the IsInRole Property in every web method of that service to check if the user had the proper privileges.

Then I went through the Secure Conversation Sample and that looked easy and straightforward. It uses UsernameToken to sign and X.509 Certificates to encrypt the security token obtained from the token issuer.

However I would like to implement the following:

I want to use Secure Conversation.

I want to use X.509 Certificates to sign and encrypt the token obtained and not the Username Token to sign.

In addition I would like to also send the Username and password for a user stored in Active Directory(do I have to send it as Username Token) so that I can authenticate and obtain user groups the way I was doing previously. Then use the IsInRole property to check if he has privileges..

Can this be done and how?? Can someone shed some light please...

Thank You so much..

Regards,

Asif