

# Re: WS Security issues

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices.enhancements/2005-06/>

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- *From:* "Yedu" <[Yedu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Yedu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 1 Jun 2005 10:20:04 -0700
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UsernameToken is used for authentication and authorization. It represents security credentials in the form of a user name and password.

The usernameToken can be sent in this way from the client code:

```
UsernameToken token = new UsernameToken(domainAndUserId, Password, PasswordOption.SendPlainText);  
proxy.RequestSoapContext.Security.Tokens.Add(token);
```

Since SSL is at the transport level and not at the message level, you will not have to do anything in the code for it. Only thing i can think of is that the URL in the proxy would change to 'https' instead of 'http'

"Henrik Skak Pedersen" wrote:

- > Hi Yedu,
- >
- > Thank you very much for your reply.
- >
- > Would you use UsernameTokens for signing, encrypting and authentication?
- > How can I send the current UsernameToken?
- > How are you deploying "SSL settings"?
- >
- > Regards
- >
- > Henrik
- >
- > "Yedu" <[Yedu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Yedu@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:C7E4560D-F7DF-43A1-9799-97BF2A2E48FC@xxxxxxxxxxxxxxxxxxxx](mailto:news:C7E4560D-F7DF-43A1-9799-97BF2A2E48FC@xxxxxxxxxxxxxxxxxxxx)
- >> We have a similar setup that you described.
- >> We are sending the Username/password in the userName token, the Webservice
- >> server machine needs to be in the same domain as of the AD, if an invalid
- >> username/password is sent and it cannot be authenticated it will throw a
- >> SoapFault. The username/password is sent as plaintext in the
- >> usernameToken.
- >>
- >> We are using SSL for making sure that the channel is secure.
- >>



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