

Accessing .NET Web Service securely from Flex 3

Asked 16 years, 3 months ago Modified 14 years, 9 months ago

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3



We can successfully consume a .NET 2.0 web service from a Flex/AS3 application. Aside from SSL, how else can we make the security more robust (i.e., authentication)?

apache-flex

actionscript-3

web-services

actionscript

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edited Sep 19, 2008 at 14:26



aib

46.8k ● 10 ● 74 ● 79

asked Sep 12, 2008 at 21:01



SkunkSpinner

11.6k ● 7 ● 42 ● 53

5 Answers

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2

You can leverage ASP.Net's built in session management by decorating your webmethods with



`<EnableSession()>`

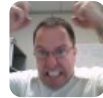


Then, inside your method, you can check that the user still has a valid session.

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answered Oct 12, 2008 at 21:26

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[matt eisenberg](#)

183 ● 6 ● 22



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If you're talking about **securing the information** going over the wire, you can use Web Service Extensions (WSE) to encrypt the body of the soap message so that you don't have to secure the channel. This way the message can get passed around from more than one endpoint (ie. it can get forwarded) and you don't need multiple https certs.

If you're talking about **authentication** then you could do forms auth with either a password in the body or in the soap headers (once again either encrypt the body or the channel). Or one of the easiest ways to secure a webservice (if it's an internal set of services) is have IIS do it, turn on NTLM and do authentication there. You can do authorization later on in the pipeline with an HTTPModule that checks peoples credential against the code they're trying to call.

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answered Sep 12, 2008 at 22:11

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[Tyler](#)

3,200 ● 1 ● 32 ● 44



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Consider using WebOrb to communicate with your service. Here is some information on [WebOrb's authentication mechanism](#). There is also an [article on Adobe's developer site on using WebOrb and .Net for authentication](#).



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answered Oct 11, 2008 at 20:26



[James Fassett](#)

41k ● 11 ● 41 ● 44



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You should be able to use asp.net's authentication (such as forms authentication) without much extra effort. Securing an asmx file is just like securing an aspx file. There's a ton of information on forms authentication out there, just search for 'asp.net forms authentication'

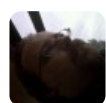


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answered Oct 13, 2008 at 18:29



[Jeff Schumacher](#)

3,156 ● 3 ● 24 ● 23

That's not quite right. Since flex/flash swf file(s) are downloaded on the client computer, it's easy to decompile them... – [ALOToverflow](#) Mar 8, 2010 at 12:59

@Frank - If you're saving usernames / passwords in your action script, then you've got bigger problems to overcome than worrying about someone decompiling your swf.

– [Jeff Schumacher](#) Mar 9, 2010 at 17:33

There are ways to verify user credentials *before* giving access to the swf – [ALOToverflow](#) Mar 9, 2010 at 17:49



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If you are using Microsoft technologies you could build a little Asp.Net/C# application that would ask for credentials before redirecting to the correct swf.



That way you could restrict the access and have different swf file depending on the user.



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answered Mar 9, 2010 at 17:51

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2,699 ● 5 ● 37 ● 70