

RE: WCF SOAP Router Including Credentials

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2007-11/msg00049.htm>

- *From:* stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng[MSFT])
 - *Date:* Mon, 26 Nov 2007 04:43:26 GMT
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\viewkind4\uc1\pard\lang2052\f0\fs20 Hi Jimmer,
\par
\par From your description, you're using the WCF "Intermediary Router" feature and currently wondering how to apply security on the messages transferred in router scenario, correct?
\par
\par As for the message routing in WCF, I think it is a XML Webservice/SOAP specific feature introduced from the WSE 3.0. WSE 3.0 also support message routing and for security, it is implemented in the following means:
\par
\par ** security header directly forwarded from client to server(ignore the intermediate router) is not supported
\par
\par ** you need to configure the security assertion(policy) for message transferring between
\par 1) client <-----> router and 2) router <-----> server
\par
\par So far, I haven't find any confirmation on the WCF which also support this kind of security setting. I'll perform some further research to see whether this kind of security is also supported in WCF.
\par
\par BTW, as you mentioned SSL, are you using https/ssl for transport security? If so, this is certainly supported only in port to port case, you can not establish ssl/https connection across multiple nodes(client, router and server).
\par
\par I'll update you if I get any more information on this.
\par
\par Sincerely,
\par
\par Steven Cheng
\par
\par Microsoft MSDN Online Support Lead
\par
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\par
\par =====
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\par ications.

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\par \pard\li720 -----
\par From: =?Utf-8?B?SmltbWVy?= <Jimmer@xxxxxxxxxxxxxxxx>
\par Subject: WCF SOAP Router Including Credentials
\par Date: Sun, 25 Nov 2007 11:30:00 -0800

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\par
\par Hello,
\par
\par I've been trying to create a WCF SOAP Router Service that can forward not
\par just the message body but also any security headers set by the originator of
\par the message. The destination service I'm routing messages to uses
\par WSHttpBinding, SSL with UserName/Password client credentials. Using guidance
\par from the Technology samples I can create a router that forwards messages
\par without security credentils but not with them. Can anybody point me in the
\par right direction... should I be creating a custom channel to handle this? or
\par is there a bundle of framework classes I should use?

\par
\par Deployment scenario : Consumer connects to a router service on a DMZ (Out of
\par Domain). The router service is unable to authenticate the users of the
\par service. Router determines the correct destination service and forwards SOAP
\par message + security credentials. Destination service impersonates consumer and
\par replies to the message.

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\par Any help or guidance would be appreciated!

\par
\par Thanks,
\par
\par Jimmer

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