

Re: Ws-Addressing – WSE and vanilla Web Service Proxies

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- *From:* Steven L <StevenL@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 11 Jul 2006 20:57:01 -0700
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Hi William – either you are or I am :)

I do have a single end point – the problem is that I get a "Message Information Header Required" when i call the routing service from a non-WSE client proxy.

All i want to know is how to get round this. Are you saying i need to do something on the server rather than set one or two headers on the client?

You mention secure/insecure – why is that? I simply have a routing service and haven't moved to attach any security to it – a very basic web service end point which i am simply accessing from clients via an intermediate WSE routing configuration.

I actually implemented exactly as stated in the WSE patterns book ... but unfortunately they didn't detail how to actually *use* WS-Addressing for non-WSE clients.

steven
<http://stevenR2.com>

"Softwaremaker" wrote:

Why not let your routing service (I assume it probably implements a single routing interface: ProcessMessage(m) and has a routing table as well) check the contents (Content-based) for the necessary s:headers and route it to the endpoint that can process it ?

In other words, you will have the same service (sort of) using 2 different endpoints (one with security, one without) and they both can handle the specific implementations that are required. You may want to deploy the non-secured ones internally and the secured ones facing the cloud, for example. This is akin to the address/bindings/contracts model WCF deploys.

It is difficult and I don't see the point of having a single service endpoint being able to handle secured and unsecured messages. Seems like an

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afterthought to me. What is the motivation of securing it in the first place ?

Am I missing something ?

—
Thank you.

Regards,
William Tay
<http://www.softwaremaker.net/blog>

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"Steven L" <StevenL@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:724973C8-600D-4FD2-AD76-0FF5F814645B@xxxxxxxxxxxxxxxxxxxx>

Gracias Pablo.

The pipeline process is something i'm reasoable familiar with – didn't realise there was such a significant difference in the generated proxies.

Here is crux of my problem – i need to allow a normal .Net service to use the routing services i am creating – that is *essential* and some may not

use

WSE.

Got any pointers on making this work?

saludos,
steven.
<http://stevenR2.com>

"Pablo Cibraro" wrote:

Hi Steven,

The proxies created by WSE are completely different to those created by ..NET.

The WSE proxies intercept the SOAP messages and execute a pipeline where

the

message is transformed to a different version (The new message version contains WS-Addressing and WS-Security headers). The WS-Addressing headers are always added in that

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pipeline, but the
WS-Security headers are not (that depend on some WSE
specific

configuration,

the WSE policies).

The same happens on the server side, if you configure WSE,
a WSE

pipeline

will run before calling to your service (This pipeline
performs

different

security validations and removes the WS-Addressing and
WS-Security

headers).

The best way to know what headers are required is to enable
WSE tracing

and

see the different messages between the client and the service.

Regards,
Pablo Cibraro
<http://weblogs.asp.net/cibrax>
[MVP – Connected Systems Developer]

"Steven L" <Steven L@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:CEC76416-7CEC-464F-950C-A502B33EF494@xxxxxxxxxxxxxxxxxxxx

I have a hub performing some internal
routing for a set of services we
have,
using the WS-Addressing support in WSE
3.0.

When a vanilla .Net generated proxy client
tries to call the service

you

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get:
"Microsoft.Web.Services3.Addressing.AddressingFault:
Message

Information

Header Required"

When a WSE generated proxy client does
the same it works fine.

Can someone explain or point me at the
different in the client proxy
configurations between these.

I will have some vanilla .Net clients and
some Java clients and so i

need

to
tell them exactly what (Soap Headers?) to
set on their proxy client so
they
can successfully call the routing service – i
don't need to set these

when

calling the service directly, so any detail on
exactly what causes

this

requirement by the WSE would be greatly
appreciated!

Regards,
Steven
<http://stevenR2.com>