

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices.enhancements/2006-06/>

- *From:* "Pablo Cibraro" <pcibraro@xxxxxxxxxxxxx>
 - *Date:* Wed, 28 Jun 2006 12:00:16 -0400
-

Hmm, I see. In that case, the client is not adding the username token at all. That may happen for three reasons:

1. The usernameOverTransport assertion is not being executed on the client
2. A wrong assertion is being executed on the client
3. An username token was not being added in the proxy.

I have already taken a look to your code but I seems to be ok, I am not sure how to proceed to find out the problem.

Regards,
Pablo.

"Frank V" <jawzx01@xxxxxxxxxx> wrote in message
news:1151508960.447054.322750@xx

Pablo,

A little update, I now have the web service configured properly and the web service will run with the custom assertion.

Using the custom Assertion "MyCustomAssertion" (that you gave me) I receive the message: "The username token is not present in the message" (the exception).

I'm not sure how to proceed...

Regards,
Frank

Frank V wrote:

I've tried that also, which I meant to include in my post, but either way I receive the same error.

However, now that I know that usernameOverTransportSecurity is the correct extention name, I will give this a try again and see if I can

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,1

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

attempt to add the new
assertion in to the pipeline. Either the class
itself or my
configuration. But I'm leaning towards my
configuration to be the
problem.

Any insight would be appreciated.

Here is the XML from the Policy config file.
You'll see that I've
commented out the my original. Here is the
XML:

```
<policies  
xmlns="http://schemas.microsoft.com/wse/2005/06/policy">  
<extensions>  
<!--  
<extension  
name="usernameOverTransportSecurity"  
type="Microsoft.Web.Services3.Design.UsernameOverTransportAssertion,  
Microsoft.Web.Services3, Version=3.0.0.0,  
Culture=neutral,  
PublicKeyToken=31bf3856ad364e35" />  
-->  
  
<extension name="MyCustomAssertion"  
type="WSEUsername.MyCustomAssertion,  
MyCompany.MyProgram.UsernameTokenManager"  
>  
<extension name="requireActionHeader"  
type="Microsoft.Web.Services3.Design.RequireActionHeaderAssertion,  
Microsoft.Web.Services3, Version=3.0.0.0,  
Culture=neutral,  
PublicKeyToken=31bf3856ad364e35" />  
</extensions>  
<policy name="Policy1">  
<usernameOverTransportSecurity />  
<requireActionHeader />  
</policy>  
</policies>
```

Thanks again,
Frank V.
www.TheOpenSourceU.com
JawzX01[.]@.lgmail.com

Frank V wrote:

Hey Pablo,

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager3

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

Thank you for the info and
the code. I will give this a
try and
see
what I come up with.

Regards,
Frank V.

Pablo Cibraro wrote:

Hmm, that
is really
strange. If
the
username
token is
already
added in
the
message,
the
assertion
should work
without
problems.

Try the
following
code, it is a
custom
UsernameOverTransport
assertion
(You
have to use
this
assertion
instead of
the WSE
UsernameOverTransport
assertion)

namespace
WSEUsername

{

public class
MyCustomAssertion

;

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager4

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

UsernameOverTransportAssertion

{

public

override

Microsoft.Web.Services3.SoapFilter

CreateServiceInputFilter(FilterCreationContext
context)

{

return new

MyServiceInputFilter(this);

}

protected

class

MyServiceInputFilter

:

ServiceInputFilter

{

public

MyServiceInputFilter(MyCustomAssertion
assertion)

:

base(assertion)

{

}

public

override

void

ValidateMessageSecurity(Microsoft.Web.Services3.SoapEnvelope
envelope,

Microsoft.Web.Services3.Security.Security
security)

{

UsernameToken

utoken =

null;

foreach

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager5

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
(SecurityToken  
token in  
security.Tokens)
```

```
{
```

```
if (token is  
UsernameToken)
```

```
{
```

```
utoken =  
token;
```

```
break;
```

```
}
```

```
}
```

```
if (utoken  
== null)
```

```
{
```

```
throw new  
Exception("The  
username  
token is not  
present in  
the  
message");
```

```
}
```

```
base.ValidateMessageSecurity(envelope.  
security);
```

```
}
```

```
}
```

```
}
```

```
}
```

```
This  
assertion is  
only valid  
to see  
whether you
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager6

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

the
message.
But
I'm
an
still
getting
the
same
error
that
I
was
previously.

In
case
it
will
help.
I
will
add
the
Client
and
Server
Output
Trace
and
INput
trace.
respetically.

Client.
Output
Trace:

```
<?xml  
version="1.0"  
encoding="utf-8"?>  
<log>  
<outputMessage  
utc="6/26/2006  
8:25:26  
PM"  
messageId="urn:uuid:afb53a33-fd73-449e-989a-6d8dbcd3  
<processingStep  
description="Unprocessed  
message">
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager8

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance
xmlns:xsd="http://www.w3.org/2001/XMLSchema>
<soap:Body>
<ZipCodeSearch
xmlns="http://www.MyCompany.com/WSImgVer/>
<psZipCode>60606</psZipCode>
</ZipCodeSearch>
</soap:Body>
</soap:Envelope>
</processingStep>
<processingStep
description="Entering
SOAP
filter
Microsoft.Web.Services3.Design.UsernameOverTransportAs
/>
</processingStep
description="Exited
SOAP
filter
Microsoft.Web.Services3.Design.UsernameOverTransportAs
/>
</processingStep
description="Processed
message">
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance
xmlns:xsd="http://www.w3.org/2001/XMLSchema
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-2
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2
<soap:Header>

<wsa:Action>http://www.MyCompany.com/WSImgVer/ZipC

<wsa:MessageID>urn:uuid:afb53a33-fd73-449e-989a-6d8c
<wsa:ReplyTo>

<wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addre
</wsa:ReplyTo>

<wsa:To>http://localhost:1346/WSImgVer/Service.asmx</ws
<wsse:Security
soap:mustUnderstand="1">
<wsu:Timestamp
wsu:Id="Timestamp-a4b53d14-1c79-4fc4-99e5-363f4fb1f
<wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
<wsu:Expires>2006-06-26T20:30:26Z</wsu:Expires>
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager9

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
</wsu:Timestamp>
<wsse:UsernameToken
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-utility-1.0.xsd"
wsu:Id="SecurityToken-ec8ec540-596d-4b2a-9b60-e7cbcb-2006-06-26T20:25:26Z"
<wsse:Username>MyUserName</wsse:Username>
<wsse:Password
Type="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-utility-1.0.xsd"
<wsse:Nonce>imruhM3LhcjDJxU9mvZTmg==</wsse:Nonce>
<wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
</wsse:UsernameToken>
</wsse:Security>
</soap:Header>
<soap:Body>
<ZipCodeSearch
xmlns="http://www.MyCompany.com/WSImgVer/"
<psZipCode>60606</psZipCode>
</ZipCodeSearch>
</soap:Body>
</soap:Envelope>
</processingStep>
</outputMessage>
</log>
```

Web
Service
=
Server
Input:

```
<?xml
version="1.0"
encoding="utf-8"?>
<log>
<inputMessage
utc="6/26/2006
8:25:26
PM"
messageId="urn:uuid:afb53a33-fd73-449e-989a-6d8dbcd3-2006-06-26T20:25:26Z"
<processingStep
description="Unprocessed
message">
<soap:Envelope
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing"
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-utility-1.0.xsd"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-utility-1.0.xsd"
<soap:Header>
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager10

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
<wsa:Action>http://www.MyCompany.com/WsImgVer/ZipC
<wsa:MessageID>urn:uuid:afb53a33-fd73-449e-989a-6d8
<wsa:ReplyTo>
<wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addre
</wsa:ReplyTo>
<wsa:To>http://localhost:1346/WsImgVer/Service.asmx</ws
<wsse:Security
  soap:mustUnderstand="1">
  <wsu:Timestamp
    wsu:Id="Timestamp-a4b53d14-1c79-4fc4-99e5-363f4fb1f
    <wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
    <wsu:Expires>2006-06-26T20:30:26Z</wsu:Expires>
    </wsu:Timestamp>
    <wsse:UsernameToken
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2
      wsu:Id="SecurityToken-ec8ec540-596d-4b2a-9b60-e7cbcb
      <wsse:Username>MyUserName</wsse:Username>
      <wsse:Password
        Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401
      <wsse:Nonce>imruhM3LhcjDJxU9mvZTmg==</wsse:Nonce>
      <wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
      </wsse:UsernameToken>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <ZipCodeSearch
      xmlns="http://www.MyCompany.com/WsImgVer/>
      <psZipCode>60606</psZipCode>
    </ZipCodeSearch>
  </soap:Body>
</soap:Envelope>
</processingStep>
<processingStep
  description="Entering
  SOAP
  filter
  Microsoft.Web.Services3.Design.RequireSoapHeaderAssertio
  />
</processingStep>
  description="Exited
  SOAP
  filter
  Microsoft.Web.Services3.Design.RequireSoapHeaderAssertio
  />
</processingStep>
  description="Entering
  SOAP
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,1

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

filter
Microsoft.Web.Services3.Design.UsernameOverTransportAs
<
<processingStep
description="Exception
thrown:
UsernameToken
is
expected
but
not
present
in
the
security
header
of
the
incoming
message.">
at
Microsoft.Web.Services3.Design.UsernameOverTransportAs
envelope.
Security
security)
at
Microsoft.Web.Services3.Security.ReceiveSecurityFilter.Proc
envelope)
at
Microsoft.Web.Services3.Pipeline.ProcessInputMessage(Soap
envelope)</processingStep>
</inputMessage>
</log>

Finally,
the
Output
Trace
from
the
Server
(in
case
it
will
help)

<?xml
version="1.0"
encoding="utf-8"?>

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager12

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
<log>
<inputMessage
  utc="6/26/2006
  8:25:26
  PM"
  messageId="urn:uuid:afb53a33-fd73-449e-989a-6d8dbcd3"
  <processingStep
  description="Unprocessed
  message">
  <soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance
  xmlns:xsd="http://www.w3.org/2001/XMLSchema
  xmlns:wsa="http://schemas.xmlsoap.org/ws/2004/08/addressing
  xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-secext-2004-01-2
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-secext-2004-01-2
  <soap:Header>

  <wsa:Action>http://www.MyCompany.com/WSTokenManager/ZipCodeSearch

  <wsa:MessageID>urn:uuid:afb53a33-fd73-449e-989a-6d8dbcd3

  <wsa:ReplyTo>

  <wsa:Address>http://schemas.xmlsoap.org/ws/2004/08/addressing

  </wsa:ReplyTo>

  <wsa:To>http://localhost:1346/WSTokenManager/Service.asmx</wsa:To>
  <wsse:Security
  soap:mustUnderstand="1">
  <wsu:Timestamp
  wsu:Id="Timestamp-a4b53d14-1c79-4fc4-99e5-363f4fb1f"
  <wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
  <wsu:Expires>2006-06-26T20:30:26Z</wsu:Expires>
  </wsu:Timestamp>
  <wsse:UsernameToken
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-secext-2004-01-2
  wsu:Id="SecurityToken-ec8ec540-596d-4b2a-9b60-e7cbcd"
  <wsse:Username>MyUserName</wsse:Username>
  <wsse:Password
  Type="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-wssecurity-secext-2004-01-2
  <wsse:Nonce>imruhM3LhcjDJxU9mvZTmg==</wsse:Nonce>
  <wsu:Created>2006-06-26T20:25:26Z</wsu:Created>
  </wsse:UsernameToken>
  </wsse:Security>
  </soap:Header>
  <soap:Body>
  <ZipCodeSearch
  xmlns="http://www.MyCompany.com/WSTokenManager/>
  <psZipCode>60606</psZipCode>
  </ZipCodeSearch>
  </soap:Body>
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager13

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
</soap:Envelope>
</processingStep>
<processingStep
description="Entering
SOAP
filter
Microsoft.Web.Services3.Design.RequireSoapHeaderAssertio
/>
<processingStep
description="Exited
SOAP
filter
Microsoft.Web.Services3.Design.RequireSoapHeaderAssertio
/>
<processingStep
description="Entering
SOAP
filter
Microsoft.Web.Services3.Design.UsernameOverTransportAs
/>
<processingStep
description="Exception
thrown:
UsernameToken
is
expected
but
not
present
in
the
security
header
of
the
incoming
message.">
at
Microsoft.Web.Services3.Design.UsernameOverTransportAs
envelope.
Security
security)
at
Microsoft.Web.Services3.Security.ReceiveSecurityFilter.Proc
envelope)
at
Microsoft.Web.Services3.Pipeline.ProcessInputMessage(Soap
envelope)</processingStep>
</inputMessage>
</log>
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager14

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

Frank
jawzx01[at]gmail.com

Pablo
Cibraro
wrote:

Hi
Frank.

Are
the
lines
below
being
executed
?

SetWebServiceUserToken():
WebServiceWse.SetPolicy(
"Policy1"
);

The
code
looks
fine
at
first
glance
and
these
lines
are
responsible
to
add
the
username
token
to
the
message.

My
advice
is
to
use

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager15

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

the
sample
provided
by
the
Pattern
&
Practices
team
in
this
gotdotnet
workspace.
(They
already
provide
a
working
sample
of
username
authentication
using
a
dabatabase).
<http://www.gotdotnet.com/codegallery/codegallery.as>

The
name
of
the
sample
is
[DirectAuthenticationWithDatabase](#)
and
you
can
find
it
in
the
zip
file
[WSSP.zip](#)

Let
me
know
if
I
can

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager16

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

help
you
with
something
else
regarding
this
problem.

Regards,
Pablo
Cibraro
<http://weblogs.asp.net/cibrax>

"Frank
Villasenor"
<jawzx01@xxxxxxxxxx>
wrote
in
message
news:1151341641.515599.207770@xxxxxxxxxxxxxxxxxx

Hello
all,
I'm
attempting
to
learn
how
to
use
WSE
3.0
with
Visual
Studio
2005.
I've
read
a
lot
of
material
about
WSE
3.0
and
I've
started
to

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager17

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

grasp
how
this
library
works.

Although,
much
closer
than
I
was
a
few
days
ago
I'm
not
in
at
a
point
where
I
believe
everything
is
configured
properly,
but
since
my
solution
isn't
working
it
must
not
be.
I
really
could
use
some
help....

My
using:
Visual
Studio
2005.

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager18

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

WSE
3.0
usernameOverTransportSecurity
A
custom
UsernameTokenManager.
(I
want
to
authenticate
against
an
existing
database)

In
the
UsernameTokenManager
i've
derived
a
class
and
have
overridden
the
AuthenticateToken
method.
I'm
still
developing
the
method
and
have
not
"finished
it."
On
my
validCreditials
variable.
I've
simply
set
it
to
true.
Which
should
allow

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager19

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

me
to
authenticate
any
user
that
I
throw
at
it.
(Please
note.
I've
put
this
code
in
a
separate
project
with
it's
own
namespace.)

Below
is
my
code:

=====
protected
override
string
AuthenticateToken(
UsernameToken
token
)
{
System.Diagnostics.Debug.WriteLine(
"Starting:
RmsTokenManager.AuthenticateToken(...)"
);

string
userName
=
token.Username;
string
sPassword
=
token.Password;

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager20

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
bool  
validCreditials  
=  
true:  
//  
Validate  
creditionals  
with  
some  
method.  
(SQL  
Wrapper  
and  
stored  
proc.)  
  
if  
(!validCreditials)  
{  
System.Diagnostics.Debug.WriteLine(  
"Auth  
Failed.  
RmsTokenManager.AuthenticateToken(...)"  
);  
OnLogonUserFailed(  
token  
);  
}  
else  
{  
System.Diagnostics.Debug.WriteLine(  
"Auth  
succeeded.  
RmsTokenManager.AuthenticateToken(...)"  
);  
GenericIdentity  
oIdentity  
=  
new  
GenericIdentity(  
token.Username  
);  
GenericPrincipal  
oPrincipal  
=  
new  
GenericPrincipal(  
oIdentity,  
new  
string[]
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager2,1

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
{
  "User"
}
```

```
token.Principal
oPrincipal;
```

```
//
//
Return
token.Password
like
the
base
(overriden
function)
return
token.Password;
```

```
For
my
Web.Config
file.
for
my
web
service
I
have;
```

```
<!--
START:
Configuration
for
the
WSE.
-->
<microsoft.web.services3>
<policy
fileName="wse3policyCache.config"
/>
<security>
<securityTokenManager>
<!--
<clear
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```

</>
-->
<add
localName="UsernameToken"
type="Company.ImageVerification.Security.
Company.ImageVerification.Security"
namespace="http://docs.oasisopen.org/wss/2004/01/oasis-200401-wss-xrnc-encryption-core-schema"
/>
</securityTokenManager>
</security>
<diagnostics>
<trace
enabled="true"
input="InputTrace.webinfo"
output="OutputTrace.webinfo"
/>
<detailedErrors
enabled="true"
/>
</diagnostics>
</microsoft.web.services3>
<!--
END:
Configuration
for
the
WSE.
-->
=====

```

For
my
Policy
file,
for
the
web
service
I
have:

```

=====
<policies
xmlns="http://schemas.microsoft.com/wse/2004/01/policy-security"
<extensions>
<extension
name="usernameOverTransportSecurity"
type="Microsoft.Web.Services3.Design.UserCredentialsOverTransportSecurity"
Microsoft.Web.Services3,
Version=3.0.0.0,
Culture=neutral,

```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager23

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
PublicKeyToken=31bf3856ad364e35"  
</>  
<extension  
name="requireActionHeader"  
type="Microsoft.Web.Services3.Design.Requ  
Microsoft.Web.Services3.  
Version=3.0.0.0.  
Culture=neutral.  
PublicKeyToken=31bf3856ad364e35"  
</>  
</extensions>  
<policy  
name="Policy1">  
<authorization>  
<allow  
role="User"  
</>  
<deny  
role="*"  
</>  
</authorization>  
<usernameOverTransportSecurity  
</>  
<!--  
<requireActionHeader  
</>  
-->  
</policy>  
</policies>  
=====
```

Now
for
the
client.
The
client
is
to
be
a
smart
client
application.
(Windows
Forms).
I
had

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager24

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

the
client
application
working
against
the
web
service
without
any
WSE.

It
was
working
great.

But,
I
needed
the
security
so

I
added
WSE
in
to
the
mix.

The
configuration
for
the
client
application:

I
use
a
proxy
to
wrap
the
generated
proxy.

The
"proxy"
class
simply
performs
authentication
tasks

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager25

and
allows
me
to
pass
the
web
service
variable
around
to
different
parts
of
my
program.
I
can't
post
the
entire
part
of
the
program
because
there
would
be
too
much
code.
But
the
initialization
of
the
web
service
is:

```
//  
//  
Class  
fields.  
private  
string  
sUrl;  
private
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
localhost.ServiceWse
  WebServiceWse:
  private
  string
  sUserName:
  private
  string
  sPassword;

  public
  WebServiceProxy(
  string
  psWebServiceURL,
  string
  psUserName,
  string
  psPassword
  )
  :
  this()
  {
  if
  (psWebServiceURL.Length
  ==
  0
  ||
  psUserName.Length
  ==
  0
  ||
  psPassword.Length
  ==
  0
  )
  {
  throw
  new
  ApplicationException(
  "psWebServiceURL
  can
  not
  be
  a
  blank
  string!");
  }
  }

  sUrl
  =
  psWebServiceURL;
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager27

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

sUserName

≡

psUserName:

sPassword

≡

psPassword:

_WebServiceWse

≡

new

Company.ImageVerification.localhost.Service

_WebServiceWse.Url

≡

sUrl:

_WebServiceWse.UseDefaultCredentials

≡

false:

_WebServiceWse.PreAuthenticate

≡

true:

SetWebServiceUserToken():

_WebServiceWse.SetPolicy(

"Policy1"

);

↓

private

void

SetWebServiceUserToken()

{

if

(sUserName

≡≡

null)

{

throw

new

ArgumentNullException(

"UserName"

);

↓

if

(sPassword

≡≡

null)

{

throw

new

ArgumentNullException(

"Password"

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager 28

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
);  
}  
  
UsernameToken  
_unt  
≡  
new  
UsernameToken(  
sUserName,  
sPassword,  
PasswordOption.SendPlainText  
);  
_WebServiceWse.SetClientCredential(  
_unt  
);  
}
```

```
public  
bool  
ValidateImage(  
int  
piReservationID,  
string  
psImageGUID,  
string  
psClientSpecs  
)  
{  
psClientSpecs  
≡  
HttpUtility.HtmlEncode(  
psClientSpecs  
);  
return  
_WebServiceWse.ValidateImage(  
piReservationID,  
psImageGUID,  
psClientSpecs  
);  
}
```

Once
initialized,
I
can
call
any
web
service
method

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

from
the
WebServiceProxy
instance.
My
client
configuration
is
as
follows:

app.config:

```
=====
<microsoft.web.services3>
<policy
  fileName="wse3policyCache.config"
/>
<diagnostics>
<trace
  enabled="true"
  input="InputTrace.webinfo"
  output="OutputTrace.webinfo"
/>
<detailedErrors
  enabled="true"
/>
</diagnostics>
</microsoft.web.services3>
=====
```

Policy:

```
=====
<policies
  xmlns="http://schemas.microsoft.com/wse/2006/02/
<extensions>
<extension
  name="usernameOverTransportSecurity"
  type="Microsoft.Web.Services3.Design.User
  Microsoft.Web.Services3.
  Version=3.0.0.0,
  Culture=neutral,
  PublicKeyToken=31bf3856ad364e35"
/>
</extensions>
<policy
  name="Policy1">
<!--
  Need
  to
  use
  SSL
=====
```

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

here
for
message
Integrity,
Confidentiality
and
security.
-->
<usernameOverTransportSecurity
/>
</policy>
</policies>

NOW
FOR
THE
ACTUAL
PROBLEM.
When
I
run
this
code
I'm
getting
an
exception.
The
exception
is
as
follows:

System.Web.Services.Protocols.SoapHeader
was
unhandled
Message="Microsoft.Web.Services3.Security
UsernameToken
is
expected
but
not
present
in
the
security
header
of
the

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager, 1

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

incoming
message.\r\n
at
Microsoft.Web.Services3.Design.UsernameC
envelope.
Security
security)\r\n
at
Microsoft.Web.Services3.Security.ReceiveSe
envelope)\r\n
at
Microsoft.Web.Services3.Pipeline.ProcessImp
envelope)\r\n
at
Microsoft.Web.Services3.WseProtocol.Filter
requestEnvelope)\r\n
at
Microsoft.Web.Services3.WseProtocol.Route
message)\r\n
at
System.Web.Services.Protocols.SoapServerP
at
System.Web.Services.Protocols.ServerProto
type.
HttpContext
context.
HttpRequest
request.
HttpResponse
response.
Boolean&
abortProcessing)"
Source="System.Web.Services"
Actor="http://localhost:1346/WSImgVer/Ser
Lang=""
Node="http://localhost:1346/WSImgVer/Ser
Role=""
StackTrace:
at
System.Web.Services.Protocols.SoapHttpCli
message.
WebResponse
response.
Stream
responseStream.
Boolean
asyncCall)
at
System.Web.Services.Protocols.SoapHttpCli
methodName.
Object[]

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager 2

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

parameters)
at
Company.ImageVerification.localhost.ServicesZipCode)
in
C:\Company
(Net2.0)\ImageVerification\ImageVerificationReferences\localhost\Reference.cs:line
127
at
Company.ImageVerification.Proxy.WebServicesZipCode)
in
C:\Company
(Net2.0)\ImageVerification\ImageVerification
87
at
Company.ImageVerification.Controls.ucFac
in
C:\Company
(Net2.0)\ImageVerification\ImageVerification
47
at
Company.ImageVerification.Controls.ucFac
value)
in
C:\Company
(Net2.0)\ImageVerification\ImageVerification
81
at
Company.ImageVerification.frmMain2.Chan
in
C:\Company
(Net2.0)\ImageVerification\ImageVerification
199
at
Company.ImageVerification.frmMain2.btnN
sender,
EventArgs
e)
in
C:\Company
(Net2.0)\ImageVerification\ImageVerification
73
at
System.Windows.Forms.Control.OnClick(Ev
e)
at
System.Windows.Forms.Button.OnClick(Ev
e)
at

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager33

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

System.Windows.Forms.Button.OnMouseUp
mevent)
at
System.Windows.Forms.Control.WmMouseL
m,
MouseButtons
button,
Int32
clicks)
at
System.Windows.Forms.Control.WndProc(M
m)
at
System.Windows.Forms.ButtonBase.WndProc
m)
at
System.Windows.Forms.Button.WndProc(M
m)
at
System.Windows.Forms.Control.ControlNati
m)
at
System.Windows.Forms.Control.ControlNati
m)
at
System.Windows.Forms.NativeWindow.De
hWnd,
Int32
msg,
IntPtr
wparam,
IntPtr
lparam)
at
System.Windows.Forms.UnsafeNativeMethod
msg)
at
System.Windows.Forms.Application.Compon
dwComponentID,
Int32
reason,
Int32
pvLoopData)
at
System.Windows.Forms.Application.Thread
reason,
ApplicationContext
context)
at
System.Windows.Forms.Application.Thread
reason,

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager34

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

```
ApplicationContext  
context)  
at  
System.Windows.Forms.Application.Run(Fo  
mainForm)  
at  
Company.ImageVerification.Program.Main()  
in  
C:\Company  
(Net2.0)\ImageVerification\ImageVerification  
17  
at  
System.AppDomain.nExecuteAssembly(Asse  
assembly,  
String[]  
args)  
at  
System.Runtime.Hosting.ManifestRunner.Run  
checkAptModel)  
at  
System.Runtime.Hosting.ManifestRunner.Ex  
at  
System.Runtime.Hosting.ApplicationActivat  
activationContext,  
String[]  
activationCustomData)  
at  
System.Runtime.Hosting.ApplicationActivat  
activationContext)  
at  
Microsoft.VisualStudio.HostingProcess.Host  
at  
System.Threading.ThreadHelper.ThreadStart  
state)  
at  
System.Threading.ExecutionContext.Run(Ex  
executionContext,  
ContextCallback  
callback,  
Object  
state)  
at  
System.Threading.ThreadHelper.ThreadStart  
=====
```

Thank
you
for
reading
all

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

this
and
thank
you
for
any
help
you
(all
of
you
can
provide)
I
realize
this
that
this
is
a
lot
of
info
but
I
wanted
to
be
as
detailed
as
possible
so
that
this
problem
can
be
found
quickly.
Again
thank
you
and
if
you
need
any
more
info
feel

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager36

Re: WSE 3.0, usernameOverTransportSecurity, custom Token Manager w/ securityTokenManager,

free
to
ask.
I'm
desperate
to
get
this
problem
solved.
It
is
driving
me
insane...

Thank
you
again!
Frank
V.
JawzX01[at]gmail.com
<http://www.TheOpenSourceU.com>