

Re: C# SOAP Authentication to non C# web service

Source:

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- *From:* "Nicholas Paldino [.NET/C# MVP]" <mvp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 15 Jan 2008 10:10:50 -0500
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Enda,

I believe you posted this before, at least this time you answered the question of whether or not you are using transport or message security.

Assuming you are using a web reference, you will want to set the Credentials property on the proxy (in this case, your Service instance, I believe) to an implementation of the ICredentials class. You would use the NetworkCredential instance, setting it to the username/password needed for the website.

If you were using WCF, you would have to set up the wsHttpBinding to use transport security, but this would only be allowed if you were using SSL certificates (https), so that you could guarantee security (WCF won't allow it otherwise).

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- Nicholas Paldino [.NET/C# MVP]
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"Enda Manni" <endamannion@xxxxxxxxxxxx> wrote in message
news:A7F9A29E-B31B-4E28-B6C3-BC181F0D3B4B@xxxxxxxxxxxxxxxxxxxx

Hi,

I have a gSoap Web Service written using C++, it uses SOAP username and password authentication.

I also have a C# form client consuming the web service, all this was working fine until I added the authentication on the server, now I can not get the client to authenticate. Can someone tell me how to add authentication info to the SOAP message posted from the C# SOAP client.

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here is some code I call to initialize the soap call from the C# form.

```
public partial class MyForm : Form
{
public MyForm()
{
InitializeComponent();

Service service = new Service();
}
..
..
..
```

I am using SOAP authentication, with a username and password. Here is the soap request I would like to receive at the web service. It contains an Authorization field.

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:ns1="http://localhost:80/Service.wsdl"
xmlns:ns2="http://tempuri.org/ns1.xsd"><SOAP-ENV:Body><ns2:getBatteryLevel></ns2:getBatteryLevel></SOAP-ENV:Body></SOAP-ENV:Envelope>
/ HTTP/1.1
Host: localhost:8080
User-Agent: gSOAP/2.7
Content-Type: text/xml; charset=utf-8
Content-Length: 489
Connection: close
Authorization: Basic dXNlcjpwYXNz
SOAPAction: ""
```

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:ns1="http://localhost:8080/Service.wsdl"
xmlns:ns2="http://tempuri.org/ns1.xsd"><SOAP-ENV:Body><ns2:GetDBOldestPendingRow><iMaxRows>1</iMaxRows></ns2:GetDBOldestPendingRow></SOAP-ENV:Body></SOAP-ENV:Envelope>
```

Is there a way I can get this info into the C# client request?

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Thanks.

Enda