

# Re: Calling Web Service that calls other Web Service with Windows Authentication

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Hello all,  
this is problem known as dual hop. You are passing credentials (by token) to one server, this is correct (just windows token is passed), but you cannot pass token somewhere else on remote computer, this would be potential security bug (program could use passed access to do something).

Solution is as was written by Bruce Barker,

- either using basic authentication (passing user and password using cleartext) Then you can easily use name and password for login without troubles, but you are facing risk of network listening ..
- either kerberos network token passing – this also is not as secure as it should be. You need to configure remote computer for using this access in Active Directory.
- and the last possibility is easily use the same computer for two web services – then you do not need to pass token remotely and windows can handle this on single computer.

Martin Kunc

Balasubramanian Ramanathan wrote:

you can do this...

In webservice1 code behind you will be creating the reference object of the second webservice.

There you can specify what credential you have to use when calling web service2.

for example

```
WebService2 ws = new WebService2();  
ws.Credentials = .....
```

and call the 2nd web service..

since by default webservice2 will be called with the credential of asp.net worker process you will be getting this error.

Re: Calling Web Service that calls other Web Service with Windows Authentication

Hope this helps

<manuelserpabrandao@xxxxxxxx> wrote in message  
[news:1150300478.879897.254470@xx](mailto:news:1150300478.879897.254470@xx)  
Hi all

I would like to now the answer to the following problem, if someone can help.

Given a windows application client that's calling a web service (using default credentials) the web service gets invoked fine with the users credentials. However they need to call a second web service from the first one. When it hits the second web service, the web service (even though configured correctly) always reports (401) Unauthorized.

Is there any possibility to do this or is impossible ?

Is possible to implement any workaround for this problem ?

Thanks in advance

Manuel Brandão