

Asynchronous Web Services calls with Impersonation

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2007-07/msg000>

- *From:* Dave <davidhomer@xxxxxxxxxx>
 - *Date:* Sat, 28 Jul 2007 10:49:54 -0700
-

Hello,

I have a problem with Impersonation with ASPX pages running with Impersonation that call Web Services Asynchronously that the Impersonated credentials are not passed to the Web Service when called with the Begin... method, however they are when the Web Service is called normally.

Microsoft .NET 2, Visual Studio 2005 Pro

— SAMPLE ASPX Page —

```
Dim oService As New samplews.SampleService
oService.Credentials =
System.Net.CredentialCache.DefaultCredentials
oService.BeginWhoAmI(AddressOf callback, Nothing)
```

— SNIPPET FROM THE SAMPLE WEB SERVICE —

```
<WebMethod()> _
Public Sub WhoAmI()
Dim oSR As New System.IO.StreamWriter("c:\temp
\wswhoami.txt", True)
oSR.WriteLine(My.UserName)
oSR.Close()
End Sub
```

The subroutine – when run on Windows XP reports back as
COMPUTERNAME\ASPNET.

I can work around the problem by editing the ASPNET.CONFIG file, however I don't like this idea as this will effect all applications and the application I develop may well have to run alongside other Web Applications.

Asynchronous Web Services calls with Impersonation

```
<configuration>  
<runtime>  
<alwaysFlowImpersonationPolicy enabled="true"/>  
<legacyImpersonationPolicy enabled="false"/>  
</runtime>  
</configuration>
```

Is there another way to pass my current credentials to the Web Service when run Asynchronously? If I could send the Web Service my `System.Security.Principal.WindowsIdentity.GetCurrent()` I could run `.Impersonate` against it but I'm not sure how to send this Object to the Web Service

Help!

Regards,

David Homer

.