

Re: Impersonation

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices.enhancements/2005-02/>

From: Viorel Ghilas (vghilas_at_hotmail.com)

Date: 02/25/05

Date: Fri, 25 Feb 2005 09:07:38 +0200

Hi Martin

I know the difference between IIS and WSE authentication mechanism. I have made some systems that use impersonation mechanism, that is great (I create only one user account and set it directly in IIS not in machine config, it's secure nobody can't see the password and no need encryption mechanism all are based on windows security). I hear a lot about WSE and I try to use it. From client I send user name and hash on the server I need to check the the password in UsernameTokenManager derived class, for this I need to access DB, so I thought that I could use impersonation for trusted SPPI connection but it's fail and I use connection string with the same user name and password in encrypted form, but it's not so cool, because I use every where in all applications trusted connection. The problem is that ASPNET impersonate my account more late :(, but why. Request come to IIS and then to ASPNET, and if in config <identity impersonate="true" /> framework must run all process from this account, why not?

"Martin Kulov" <kulov@bezbokluk.abv.bg> wrote in message
news:eu\$ANDtGFHA.3484@TK2MSFTNGP12.phx.gbl...

> Hi Viorel,

>

>

>

> *These are completely different things. The authentication to IIS and
> impersonation in WSE are separate from each other and you must make the
> difference. When you need to connect to IIS to access specific web service
> you are most likely use anonymous authentication, because your web service
> must be called from different sources. However if your case requires
windows*

> *authentication, the client must authenticate to IIS and show valid
> credentials. These credentials are separate to the ones that you pass to
WSE*

> *in the next step. Suppose that you authenticate to IIS and you call the
web*

> *service. The web service will run under preconfigured account for ASP.NET*

> *service which is ASPNET in Windows XP or NETWORK SERVICE in Windows 2003.*

> *This account could be set up in machine.config file in <processModel> tag.*

> > *Hi all*
> >
> > *I have webservice that share common services and i set in web config*
> > *<identity impersonate="true" /> and on IIS I set specific user account*
> *that*
> > *will be used. The main problem that when the IIS start applicaton and*
> > *execute the methods from Global.asax.cs it use ASPNET account but not*
my,
> > *after that it switch to impersonate account. But in my situation I use*
> *WSE2*
> > *where I need to check password in UsernameTokenManager for that I need*
to
> > *connect to DB, but I use SSPI connection (with user from impersonate)*
that
> > *fail. How to solve this problem, I need trusted connection that use my*
> *user*
> > *from IIS. I need only one user everywhere, how to do that in*
> > *UsernameTokenManager.AuthenticateToken(UsernameToken token) to use*
> > *impersonate account ?*
> >
> > *with best reagrd*
> > *Viorel*
> >
> >
>