

Re: Custom Membership Provider FullTrust Problem

Source:

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2007-01/msg00181.html>

- *From:* "Zeb" <m.winward@xxxxxxxx>
 - *Date:* 30 Jan 2007 05:38:25 -0800
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Excellent .. thanks again for the info!

I'll start off by making sure the provider is public and see if that has an effect.

Thanks for the link. Looks like a very useful article. I did start out trying to define the custom provider in a separate class library, but ran into problems because it needs access to methods in the business logic layer, which are held in the main project. So it became very tricky to separate it out.

Hopefully making the provider public will do the trick .. hopefully! Worth a shot anyway.

The other thing I was going to try is to use the PermCalc tool that I've seen mentioned a lot online. I'm downloading the .net 2 SDK at the moment in the hope that it's included.

Thanks again.

On 30 Jan, 13:02, Dominick Baier

<dbaier@xx> wrote:

hi,

ok – a little ambitious to start with partial trust ;)

1. the <trust> level in web.config
2. public CustomMembershipProvider
3. it depends...

compilation is different – but easy – pages/controls are compiled by demand (or pre-compiled) –

all code in App_Code gets compiled into an assembly called App_Code.

You can still just write code in a separate class library and deploy the

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Next – make sure your provider is "public" – the provider factory can also instantiate non-public providers and that works fine in full trust – but not in partial trust

Next – you only need AllowPartially... (APTCA) when the provider is strong named (is that the case?)

Last – App_Codexx.cs is the source of the assembly compiled out of your App_Code directory (maybe you have APTCA set there somewhere)

I would first of all factor the provider out in a separate assembly – no strong name and see what happens...

Dominick Baier (<http://www.leastprivilege.com>)

Hi all.

I've written a custom membership provider which works with tables in my ms sql database. This works great locally, but as soon as I run the site on the live (shared) server, I get the following error message:

Parser Error Message: Attempt to access the method failed.

The line in Web.Config that it's picked up on is as follows:

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```
Line 29: <providers>
Line 30: <clear/>
Line 31: <add
name="AspNetCustomMembershipProvider"
type="CustomMembershipProvider.CustomMembershipProvider"/>
Line 32: </providers>
Line 33: </membership>
```

I've discovered that overriding the standard MembershipProvider requires Full Trust on the server and that one possible fix is to add the following to the top of my CustomMembershipProvider:

```
[assembly:
AllowPartiallyTrustedCallersAttribute()]
```

However, when I do this, although the solution builds okay, I get the following error when I try to publish it:

```
Duplicate
'System.Security.AllowPartiallyTrustedCallersAttribute'
attribute
```

and it just points to a temporary file called App_Code.19.cs. I can't see where else this has been used.

I've also played around with sn.exe to create a key and linked the project to it in the hope this would help, but this hasn't made any difference. I've asked my ISP if they can run the assemblies in Full Trust mode, but I don't suspect they'll want to.

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I've also read that I can use PermCalc to work out where the problem is, although I don't seem to have the SDK, so I might download that tonight and have a play.

Any other ideas to point me in the right direction would be very much appreciated.

Thanks!

Matt– Hide quoted text — Show quoted text
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