

RE: MembershipProvider and ADAM

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- *From:* stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng[MSFT])
 - *Date:* Tue, 29 Aug 2006 04:03:16 GMT
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Hello Martin,

As for the following error you encountered when using the AD membership provider.

```
=====  
"Unable to establish secure connection with the server using SSL."  
=====
```

Since I'm not sure about your local AD environment, assume that the LDAP connectionstring has no problem. Based on my research, it is likely the AD membership provider has choosed to use SSL connection to access AD server. And this is done when we configured the AD membership provider's "connectionProtetion" as "secured". However, from the configuration section you pasted, you've already set the "connectionProtection" as "None".

Another one I found in your configuration fragement is that you haven't explicitly provide the "connectionUsername" and "connectionPassword" in the provider element, based on my research, the username/password is required when we use "connectionProtection="None"". You can have a look at the following article which has mentioned the AD connectionstring and provider configuration:

#How To: Use Membership in ASP.NET 2.0
<http://msdn.microsoft.com/library/en-us/dnpag2/html/PAGHT000022.asp?frame=true>

I've tried both connectionProtection with "Secure" and "None" and both of them work correctly. e.g.

```
=====  
<add name="ADAMMembershipProvider"  
type="System.Web.Security.ActiveDirectoryMembershipProvider,  
System.Web, Version=2.0.0.0,  
Culture=neutral,PublicKeyToken=b03f5f7f11d50a3a"  
connectionStringName="ADConnectionString"
```

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```
enableSearchMethods="true"  
connectionProtection="None"
```

```
connectionUsername="username"  
connectionPassword="password"
```

```
></add>
```

```
=====
```

or

```
=====
```

```
<add name="ADAMMembershipProvider"  
type="System.Web.Security.ActiveDirectoryMembershipProvider,  
System.Web, Version=2.0.0.0,  
Culture=neutral,PublicKeyToken=b03f5f7f11d50a3a"  
connectionStringName="ADConnectionString"  
enableSearchMethods="true"  
connectionProtection="Secure"
```

```
connectionUsername="stcheng@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"  
connectionPassword="sc@1982!!1"
```

```
</add>
```

```
=====
```

BTW, have you also tried using the connectionstring to the remote AD users store in your environment:

<LDAP://domain.testing.com/CN=Users,DC=domain,DC=testing,DC=com>

as mentioned in the above article to see whether it works.

Here are some other articles which has described using ASP.NET 2.0 membership/ role management service:

#ASP.NET 2.0 Membership, Roles, Forms Authentication, and Security Resources

<http://weblogs.asp.net/scottgu/archive/2006/02/24/ASP.NET-2.0-Membership-2C00-Roles-2C00-Forms-Authentication-2C00-and-Security-Resources-.aspx>

Please feel free to let me know if you have any further finding.

Sincerely,

Steven Cheng

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Microsoft MSDN Online Support Lead

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