

Re: LDAP user authentication error with VBScript from ASP

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-08/msg01510

- *From:* "Joe Kaplan" <joseph.e.kaplan@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 31 Aug 2007 09:46:39 -0500
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That error means "the specified domain could not be contacted". That usually happens when ADSI doesn't have enough information to figure out which domain to use.

Since you are doing a serverless bind to the directory in your first call ([LDAP://rootDSE](#)), ADSI tries to pick up the domain to use based on the current security context of the executing thread. In ASP, impersonation is always used. Since this code is probably running as anonymous (since the code is performing authentication, I'm guessing the page itself did not use Windows auth), it will impersonate the anonymous user. That user is typically NOT a domain user, so it has no domain affiliation and thus the ADSI code has this error.

You can usually get around this by supplying the DNS domain name of the domain:

[LDAP://domain.com/rootDSE](#)

Also, I think you might be better off if your code skipped the bit with the `rootDomainNamingContext` and just did this:

```
Set objDSObj = GetObject("LDAP:")  
Set objAuth = objDSObj.OpenDSObject("LDAP://domain.com/rootDSE,  
strDomainUser, strPassword, 1)
```

It is fine to use RootDSE as your target here and actually has a few benefits in doing so.

In general, if the machine itself is domain joined, I'd suggest using Windows authentication instead of forms auth in the first place. Windows auth allows you to avoid this mess and will give you better scalability. If you can't use IWA, you can use Basic auth. Basic auth essentially requires you to use SSL, but you can't do forms auth like this securely without SSL anyway (you weren't trying to, were you?), so you might as well just switch. That's my \$0.02.

..NET S.DS and ADSI go through the exact same code and have the same behavior

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characteristics for the most part, so if the .NET code is working but your script code isn't, it is likely because you are using slightly different parameters or your operational parameters are slightly different.

HTH,

Joe K.

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"mirin" <zenstory@xxxxxxxx> wrote in message
news:1188549604.881156.228070@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi,

I've been using the below code in my ASP page to authenticate users against the Active Directory.

The code was working well but recently started throwing 'error 8007054b'. I search the net and understand that this could be due to some security or network issue. The server guys say they havent changed anything. I have another ASP.NET 2.0 application which is working fine to authenticate users with System.DirectoryServices but am stuck with the legacy ASP application breaking at ect("LDAP://rootDSE")

Also the Active Directory maintenence guys say that the server was never marked as "Trust this computer for delegation" even when the code was working so this doesnt seem to be a problem either.

Here's the relevant code:

```
strDomainUser = strDomain & "\" & strUserId  
Set objRootDSE = GetObject("LDAP://rootDSE")  
strADSPath = objRootDSE.Get("rootDomainNamingContext")  
Set objDSObj = GetObject("LDAP:")  
Set objAuth = objDSObj.OpenDSObject("LDAP://" & strADSPath,  
strDomainUser, strPassword, 1)
```

Much appreciate any advice on this.

Best Regards,

mirin

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