

# Re: login script for group

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-09/msg01001](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-09/msg01001)

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- *From:* ctvader <jeff.swift@xxxxxxxxxx>
  - *Date:* Fri, 21 Sep 2007 10:08:08 -0700
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On Sep 21, 11:32 am, Deena <De...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Thank you for your suggestions. I still do not have this working, however. First, a disclaimer. I am not a programmer but I'm responsible for our school network so use simple sentenced when working with me...

Here is my setup. My domain is IslesboroCentralSchool.local in which I have an OU named ICS Students. I created a group in ICS Students called Geometry where students will read files put there by the teacher (who is in a different OU called ICS Teachers) and where they will save documents to be checked by the teacher. When this works, I will create more groups for other subjects to be used in the same way. Some students will belong to more than one group and all groups will have at least one teacher member. Using your model, I created the following script in Notepad and saved it in the SYSVOL on the server/domain/scripts folder. It is also saved to the NETLOGON folder. I get an error message for line 18, character 5, Network path is not found, source wshnetwork.mapnetworkdrive.

Option Explicit

```
Dim ADSysInfo, CurrentUser, wshNetwork  
Dim strGroupDN, objGroup
```

```
Set ADSysInfo = CreateObject("ADSystemInfo")  
Set CurrentUser = GetObject("LDAP:// & ADSysInfo.UserName")  
Set wshNetwork = CreateObject("Wscript.Network")
```

```
' Specify Distinguished Name of group.  
strGroupDN = "cn=Geometry,ou=ICS Students,dc=IslesboroCentralSchool,dc=local"
```

```
' Bind to the group object.  
Set objGroup = GetObject("LDAP:// & strGroupDN")
```

```
' Check direct group membership.  
If (objGroup.IsMember(CurrentUser.AdsPath) = True) Then  
wshNetwork.MapNetworkDrive "g:", "\\EAGLE4W1\Geometry\  
End If
```

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"Richard Mueller [MVP]" wrote:

Deena wrote:

I would like to write a script that maps a drive to a shared folder for users who belong to a group. I have created a shared folder named "geometry" and have created a group (also called "geometry") and assigned users to it. I am trying the following script which I have saved to the SYSVOL on the server/domain/scripts folder. It is also saved to the NETLOGON folder although I didn't put it there – it just appeared after I put it in the SYSVOL directory. I am getting an error message on the strGroups = LCase(Join(CurrentUser.MemberOf)) line. Something about the use of Join. I copied this code from the Microsoft Tech website and simply changed the names of the group and server. Any suggestions?

Sample of my script:

Const geometry = "cn=Geometry"

Set ADSysInfo = CreateObject("ADSystemInfo")  
Set CurrentUser = GetObject("LDAP:// &  
ADSysInfo.UserName)  
strGroups = LCase(Join(CurrentUser.MemberOf))

If InStr(strGroups, geometry) Then

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wshNetwork.MapNetworkDrive  
"g:","\\EAGLE4W1\Geometry\"

End If

The Microsoft script is flawed. The Join method expects an array, so an error is raised if the memberOf collection does not have at least two Distinguished Names. If the user is a member of at least two groups (not counting the "primary" group of the user, which is never included), then CurrentUser.memberOf will be an array and all is fine. If the user is a member of one group, CurrentUser.memberOf will be a string and Join will raise an error. If the user is not a member of any groups (except the "primary"), then CurrentUser.memberOf will be Empty and again an error is raised.

Note also that searching for a group name is not very reliable. If the name of the group is geometry, any group with the string "geometry" anywhere in the Distinguished Name will return True (an integer greater than 0). Another group could have a similar name, have the same name but be in another OU, or be in an OU with the string.

I discuss this and better methods to check group membership in this link:

<http://www.rlmueller.net/MemberOf.htm>

The method I would suggest for you is to bind to the group object and use the IsMember method. For example:

=====  
Option Explicit

Dim ADSysInfo, CurrentUser, wshNetwork  
Dim strGroupDN, objGroup

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```
Set ADSysInfo = CreateObject("ADSystemInfo")  
Set CurrentUser = GetObject("LDAP:// & ADSysInfo.UserName)  
Set wshNetwork = CreateObject("Wscript.Network")
```

```
' Specify Distinguished Name of group.  
strGroupDN = "cn=Geometry.ou=Sales.ou=West.dc=MyDomain.dc=com"
```

```
' Bind to the group object.  
Set objGroup = GetObject("LDAP:// & strGroupDN)
```

```
' Check direct group membership.  
If (objGroup.IsMember(CurrentUser.AdsPath) = True) Then  
wshNetwork.MapNetworkDrive "g:", "\\EAGLE4W1\Geometry\"  
End If  
=====
```

Yes, this involves using the group Distinguished Name, but is really the only way to uniquely identify the group. I also recommend using Option Explicit so you must declare all variables.

```
==  
Richard Mueller  
Microsoft MVP Scripting and ADSI  
Hilltop Lab -http://www.rlmueller.net  
--- Hide quoted text ---
```

- Show quoted text -

Try this – do an echo to get objGroup to see if its retruning this value...

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