

Re: VBScript runtime error: 800A0046 Permission denied: 'GetObject

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-03/msg00602

- *From:* Jerrald Noland <JerraldNoland@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 7 Mar 2006 13:11:30 -0800
-

Al:

I think I may have solved this issue. I'm testing this out right now with a selected few users. It seems that, somehow, the permissions were not being established or viewed correctly by the authenticated users group. I'll let you know how the test goes.

"Al Mulnick" wrote:

Do you not have the steps you took to grant those rights?

Right after this line
Dim objUser, objGroup

Can you get it to echo the strDomain, strUserName values? I'm curious if those got set properly.

If those are set properly, you'll need to step through one at a time until you see the line with the error. The one you posted is a function spec followed by comments. Nothing to execute and if they're getting errors there it would more likely be syntax than permissions. Could be something else, but...

"Jerrald Noland" <JerraldNoland@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:8C7C8D84-4782-4D00-86A9-8CF1BD068758@xxxxxxxxxxxxxxxxxxxx>

Here's the string where I get the error message

```
Function CreateMemberOfObject(strDomain, strUserName)
' Given a domain name and username, returns a Dictionary
' object of groups to which the user is a member of.
,
' Inputs:
```

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'strDomain – Input, NT Domain name
'strUserName – Input, NT username

"Al Mulnick" wrote:

Because of the word wrap, it's hard to tell what 105 is for
you vs. what
I
see. I see CreateMemberOfObject.CompareMode =
vbTextCompare

Is that the same thing you see?

Some other things to look at:
That code looks like it started life here:
<http://hacks.oreilly.com/pub/h/1130> and one of the things
they add in
that
portion of the code is some sleep logic. In otherwords, I see
some
differences.

Can you post the exact steps you took to delegate those
rights? That
shouldn't have made a difference, but just to be sure....
Also, you may want to log what's happening in your code
and the variable
values as they occur to see what happens. It's also possible
you don't
need
the scripting dictionary, but I'll leave that for later.

Al

"Jerrald Noland"
<JerraldNoland@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
<news:466FF98E-FBA1-4137-A646-C7A43D6FC5CB@xxxxxxxxxxxxxxxxxxxx>

I'm sorry for not making myself clear when
posting this message. Below
is
a
copy of the script that's running at logon.

```
Option Explicit ' Force explicit declarations  
'  
' Variables
```

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```
'  
Dim SMSNetwork  
Dim FSO  
Dim strUserName ' Current user  
Dim strUserDomain ' Current User's domain  
name  
Dim strDFS ' Path to the DFS root  
Dim strDepartment ' Current User's  
Department  
Dim strLDrv ' Current user's L: Drive  
location  
Dim strSDrv ' Current user's S: Drive  
location  
Dim ObjGroupDict ' Dictionary of groups to  
which the user belongs  
Dim AllDrives ' A listing of all drives that  
already exist  
Dim MapLDrive ' Used to determine is user  
will have a L: Drive  
Dim i  
  
Set SMSNetwork =  
CreateObject("WScript.Network")  
Set FSO =  
CreateObject("Scripting.FileSystemObject")  
Set AllDrives =  
SMSNetwork.EnumNetworkDrives()  
  
strUserName = SMSNetwork.UserName  
strUserDomain = SMSNetwork.UserDomain  
strDFS = "\\SIMPLEDOMAIN\Shares\  
strLDrv = "\\192.168.52.14" &  
strUserName  
  
' Read the user's account "Member Of" tab  
info across the network  
' once into a dictionary object.  
  
' Test for L:, Q:, S:, U:, & Z: then delete  
them if they exist  
For i = 0 To AllDrives.Count - 1 Step 2  
If AllDrives.Item(i) = "L:" Then  
SMSNetwork.RemoveNetworkDrive "L:",  
True,  
True  
If AllDrives.Item(i) = "P:" Then  
SMSNetwork.RemoveNetworkDrive "P:",  
True,  
True  
If AllDrives.Item(i) = "Q:" Then  
SMSNetwork.RemoveNetworkDrive "Q:",
```

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```
True,
True
If AllDrives.Item(i) = "S:" Then
SMSNetwork.RemoveNetworkDrive "S:",
True,
True
If AllDrives.Item(i) = "U:" Then
SMSNetwork.RemoveNetworkDrive "U:",
True,
True
If AllDrives.Item(i) = "Z:" Then
SMSNetwork.RemoveNetworkDrive "Z:",
True,
True
Next

Set ObjGroupDict =
CreateMemberOfObject(strUserDomain,
strUserName)
MapLDrive = TRUE
strDepartment = ""
' Admins do not have an L: drive
If MemberOf(ObjGroupDict, "Domain
Admins") Then MapLDrive = FALSE
If MemberOf(ObjGroupDict, "Help Desk
Admins") Then MapLDrive = FALSE
If MemberOf(ObjGroupDict, "All APPS")
Then MapLDrive = FALSE
' Find Current User's Department
If MemberOf(ObjGroupDict, "SALES
Group") Then strDepartment = "SALES"
If MemberOf(ObjGroupDict, "RESEARCH
Group") Then strDepartment =
"RESEARCH"
If MemberOf(ObjGroupDict, "MARKET
Group") Then strDepartment = "MARKET"
If MemberOf(ObjGroupDict,
"CORPORATE Group") Then
strDepartment =
"CORPORATE"

' Map the S: Drive
strSDrv = strDFS & "Departments\" &
strDepartment
If strDepartment <> "" Then
SMSNetwork.MapNetworkDrive "S:",
strSDrv

' Now we will map all Custom Drives

If MemberOf(ObjGroupDict, "Domain
```

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```
Admins") Then
SMSNetwork.MapNetworkDrive
"P:", strDFS &

"Software\TECAPPS"
If MemberOf(ObjGroupDict, "Help Desk
Admins") Then
SMSNetwork.MapNetworkDrive "P:",
strDFS

& "Software\TECAPPS"
If MemberOf(ObjGroupDict, "All APPS")
Then SMSNetwork.MapNetworkDrive
"P:",
strDFS &

"Software\ALLAPPS"
If MemberOf(ObjGroupDict, "DEVELOP
Group") Then
SMSNetwork.MapNetworkDrive
"Q:", strDFS &

"Departments\RESEARCH\DEVCOMMON"
If MemberOf(ObjGroupDict, "BUDGET
Group") Then
SMSNetwork.MapNetworkDrive
"Q:", strDFS &

"Departments\SALES\BDGT"
If MemberOf(ObjGroupDict, "STARS
Group") Then
SMSNetwork.MapNetworkDrive
"Q:", strDFS &

"Applications\STARS"
If MemberOf(ObjGroupDict, "EXECUTIVE
Group") Then
SMSNetwork.MapNetworkDrive
"U:", strDFS &

"Departments\EXEC"
If MemberOf(ObjGroupDict, "MKGT
Group") Then
SMSNetwork.MapNetworkDrive
"Z:",

"\\SYSSERVER03\MKGT"

' Map L: Drive
If MapLDrive = TRUE Then
SMSNetwork.MapNetworkDrive "L:",
```

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```
strLDrv
```

```
Function MemberOf(ObjDict, strKey)
```

```
' Given a Dictionary object containing  
groups to which the user  
' is a member of and a group name, then  
returns True if the group  
' is in the Dictionary else return False.
```

```
' Inputs:
```

```
' strDict – Input, Name of a Dictionary  
object  
' strKey – Input, Value being searched for in  
the Dictionary object
```

```
' Sample Usage:
```

```
' If MemberOf(ObjGroupDict, "DOMAIN  
ADMINS") Then  
' wscript.echo "Is a member of Domain  
Admins."  
' End If
```

```
MemberOf =  
CBool(ObjGroupDict.Exists(strKey))
```

```
End Function
```

```
Function
```

```
CreateMemberOfObject(strDomain,  
strUserName)
```

```
' Given a domain name and username,  
returns a Dictionary  
' object of groups to which the user is a  
member of.
```

```
' Inputs:
```

```
' strDomain – Input, NT Domain name  
' strUserName – Input, NT username
```

```
Dim objUser, objGroup
```

```
Set CreateMemberOfObject =  
CreateObject("Scripting.Dictionary")  
CreateMemberOfObject.CompareMode =  
vbTextCompare  
Set objUser = GetObject("WinNT://" _  
& strDomain & "/" _  
& strUserName & ",user")
```

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```
For Each objGroup In objUser.Groups  
CreateMemberOfObject.Add  
objGroup.Name, "-"  
Next  
Set objUser = Nothing
```

End Function

The error occurs at line 105, char 1 and that's where the script stops and give the message of permission denied. I don't know where in Active Directory I need to go to re-establish permission. It worked perfectly up until I went in and ran the delegate control wizard to try and grant the Help Desk Admin group permission to reset user passwords and join workstations to the domain. I did the delegate wizard from the domain level, not OU level if this helps any.

"Al Mulnick" wrote:

Trying to access the users' dictionary object? That doesn't make much sense to me. It might be helpful to understand what you did (step by step) to delegate, and to see the code snippet where the error is occurring. At least enough of the code to understand what's going on at any rate.

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Depending on those answers, you may want to include a vbscript or adsi newsgroup. This sounds more like a permissions issue though.

Al

"Jerrald Noland"

<JerraldNoland@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:9A0DCB6B-91DE-41EC-BB01-40D4B0F9C671@xxxxxxxxxxxxxxxxxxxx

I have a problem and I've searched the web to no avail. I setup delegate control for our help desk users. Now, all users are getting an error message when logging into the domain. The error message states "VBScript runtime error: 800A0046 Permission denied: 'GetObject" This is occurring at a certain line thats

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trying to
access the
user's
dictionary
object. The
script
worked
perfectly
until the
delegate
control was
set. It seems
that domain
users
have lost
some sort of
permission
to Active
Directory.
Domain
Admins
are
not
affected. I
have made
no changes
other than
delegating
the Help
Desk
to
do
certain
admin
features. I
can't believe
that
delegate
control
could
cause
this
problem.

Can anyone
help me
with this?

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