

Re: can't get access to disk share when connecting from a remote s

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2005-01/0159.html>

From: Al Dunbar [MS-MVP] (*alan-no-drub-spam_at_hotmail.com*)

Date: 01/08/05

Date: Sat, 8 Jan 2005 12:59:10 -0700

"jong" <jong@discussions.microsoft.com> wrote in message
news:F2EE18A6-3962-427F-9ED8-65FD1C8E0463@microsoft.com...
> *we are running XP pro on these systems; i am surprised that you cannot see*
> *the checkbox that I mentioned under security & sharing.*

What I see is a "Permissions" button to the left of which is the following
text: "To set permissions for users who access this folder over the network,
click Permissions."

> *However on my laptop*
> *I which is also running XPpro the sharing tab looks like the win2k*
> *GUI..differnt from these other systems....I don't understand that...any*
> *comment there.*

How things look on any windows system often depends on configuration
settings made for other reasons.

> *funny that you noted net share.... this is what I used to use from a .bat*
> *file for doing this before. The origianl script attached here was my*
attemp
> *to replace the .bat file with something that had better 'error trapping'.*
I
> *guess that I will just call net share from my other script and call it*
good
> *enough!*

In your environment, I would think that something that works consistently in
a mixed mode (vbscript plus batch) would be superior to a vbscript-only
version that you were having trouble getting to work fully.

> *The whole time I was writing this in vbscript I kept telling myself that*
MS
> *should have inlcuded a simple method that worked just like net share....*

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vbscript itself has no knowledge whatsoever of the file system, let alone shares. To modify the environment one must resort to whatever COM objects may be available, or shell out to command-prompt based utilities or batch files. Yes, it would be nice if all such operations were doable in a consistent manner. But hoping for that level of consistency is only going to delay getting any real solutions to problems such as yours.

/Al

> Anyway if you ever learn anything more on this let me know.

>

>

> --Peace out Bro.

>

>

> "Al Dunbar [MS-MVP]" wrote:

>

>>

>> "jong" <jong@discussions.microsoft.com> wrote in message

>> news:57CE5D0D-A510-4F4D-BA6A-BCAA28265281@microsoft.com...

>>> this is for use in a mfg line environment where systems running XP

roll

>> down

>>> an assembly line. The systems are DUTs (device under test). The XP

image

>> is

>>> restored from a 'golden drive' drive image that I don't control. When

the

>>> systems are powered up for the first time I want to run a script that

will

>>> change the system name to a pre-defined 'bench' name, and create a

'share'

>>> for each of the drives within the system (c: d: and v:). After

rebooting

>> and

>>> logging in the system is then 'tested' by a test system. Part of this

>> test

>>> system is a PC that needs to read and write files on the 'DUT'.

>>>

>>> Everything in the scripts work except the file permissions below the

>> shares

>>> on the DUT, which got me to this usergroup. I can have my technicians

>> setup

>>> the shares on the DUTs manually, after they run my rename script, but

I

>> would

>>> rather not have to rely on that many more 'manual' steps.

>>>

>>> I hope that sheds more light on my situation. If it were just setting

>>> permissions on a server I would never have gone down this path.

>>>

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> > *Yes, that does help us understand your needs a little better.*
> >
> > *If it is just a matter of applying some set of permissions to some folders*
> > *(which folders – all folders on each drive?) then this could either be done*
> > *by running CACLS.EXE as I mentioned in my last reply, or by adding the*
> > *account being used to the local administrators group on the DUT.*
> >
> > > *at any rate the script that I included in this original post 'seemed' to*
> > *set*
> > > *everything correctly if I was to go off of the GUI that is displayed from*
> > > *explorer when you right-click a drive, and view the security & sharing...the*
> > > *'let network users change my files' checkbox is checked.*
> >
> > *I still do not see such a checkbox – are you running XP home or XP Pro?*
> >
> > > *...but as you know*
> > > *this really is not the case. However if I un-check and then re-check this*
> > > *the file permissions are then 'reset' (or perhaps set for the first time)*
> > *and*
> > > *everything works fine. I still think that this is the key to this whole*
> > > *thing.*
> > >
> > > *I know that I am not the first person to do this type of thing, so there*
> > > *must be something that I am missing.*
> > >
> > > *anyway, do you have any ideas as to where I can look further, or where I*
> > > *might ask someone else?*
> >
> > *Type the following two commands for info on how to set file and folder*
> > *permissions and manage shares from the command line:*
> >
> > *CACLS /?*
> > *NET SHARE /?*
> >
> > > *Please let me know, and thanks again for your help.*
> >
> > *You are welcome.*
> >
> > */Al*
> >
> > >

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>>>
>>> *"Al Dunbar [MS-MVP]" wrote:*
>>>
>>>>
>>>> *"jong" <jong@discussions.microsoft.com> wrote in message*
>>>> *news:42C0A8E4-8CA2-45FF-AAAE-6DD859D95F26@microsoft.com...*
>>>>> *OK, since my script below just sets the permissions for mounting*
the
>>>> *share,*
>>>>
>>>> *Although I do not know offhand what the various values of FILE_SHARE*
>> *mean or*
>>>> *what that particular parameter means to the .create method, I*
suspect
>> *that*
>>>> *the "permissions" being assigned are simply defaulting to some*
setting,
>>>> *likely full access to everyone, which, as I said earlier, makes the*
most
>>>> *sense.*
>>>>
>>>>> *and not the files within, or below the shared drive, can you, or*
>> *someone*
>>>> *help*
>>>>> *me put together a script that will set the permissions for all*
files
>> *on*
>>>> *that*
>>>>> *share?*
>>>>
>>>>> *Do you need a script, or do you just need to set the permissions on*
the
>>>>> *underlying NTFS files and folders as required for the use you have*
in
>> *mind?*
>>>> *If you feel you need to script it, then the simplest way (IMHO)*
would be
>> *to*
>>>> *use CACLS.EXE. Setting up NTFS permissions at a lower level from*
within
>>>> *script using ADsSecurity.dll is not for the faint of heart.*
>>>>
>>>>> *I need to be able to read/write the files below that share when*
it
>> *is*
>>>>> *mapped to a drive letter 'from' another.*
>>>>>
>>>>> *Then set the NTFS permissions such that those accounts that need*
this
>> *access*
>>>>> *to the files located there have it.*

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>>>>
>>>>> *Maybe an easier script is one that will mount the C\$ administrative share on a remote machine to a local drive letter? That should work assuming your account has the access required to map to admin shares. But you still need to have the NTFS permissions setup to allow for the access you require.*
>>>>
>>>>
>>>>> /Al
>>>>>
>>>>>> *Anyway help if you can...*
>>>>>>
>>>>>>> *"Al Dunbar [MS-MVP]" wrote:*
>>>>>>>
>>>>>>>>
>>>>>>>>> *"jong" <jong@discussions.microsoft.com> wrote in message news:06E95FE2-5D40-4C92-AED7-F42D3883D806@microsoft.com... Hi Al,*
>>>>>>>>>>
>>>>>>>>>>> *I will keep my responses up here in order to keep things readable*
>> &
>>>>>>>>> *collected.*
>>>>>>>>>>
>>>>>>>>>>> *When I am connecting to the shares created by the script I always connect with the admin username and password of the system that the shares are on; not the admin account of the local system.*
>>>>>>>>>>>
>>>>>>>>>>>> *That seems right. Assuming that the share is permitted read/write/full access to the administrator account on that workstation, then that connection (I assume you mean you have mapped the share to a drive letter) should allow access to all files and subfolders, at least as allowed by*

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>>>> *the*
>>>>> *NTFS permissions on the files and folders themselves.*
>>>>>
>>>>>> *as for your comment about placement of the password in the net*
use
>> *cmd*
>>>>>> *below*
>>>>>>> *I cannot do that as the syntax would then be incorrect, and*
the
>> *cmd*
>>>> *would*
>>>>>>> *fail to execute.*
>>>>>>
>>>>>> *OK.*
>>>>>>
>>>>>>> *for the c\$, d\$, v\$ administrative shares do you have any*
reason as
>> *to*
>>>> *why*
>>>>>>> *I*
>>>>>>>> *cannot mount these using that system's admin username and*
>> *password?*
>>>>>>>
>>>>>>> *I have no idea why that would be the case.*
>>>>>>>
>>>>>>>> *As I*
>>>>>>>>> *said before I never had a problem with this until I moved my*
>> *systems*
>>>> *to*
>>>>>>> *winXP.*
>>>>>>>
>>>>>>> *What were you running before, w2k, nt4, or 9x?*
>>>>>>>
>>>>>>>> *a new question that I have is 'should' my original script*
provide
>>>>>>>> *read/write*
>>>>>>>>> *access to the shares by default when I connect with the*
FILE_SHARE
>>>>>>>> *constant*
>>>>>>>>> *set to zero (0).*
>>>>>>>>
>>>>>>>>> *I do not recall what the zero means, but you should be able to*
>> *examine*
>>>> *the*
>>>>>>>> *share directly on the workstation using compmgmt.msc to*
determine if
>> *the*
>>>>>>>>> *result is as you want it.*
>>>>>>>>
>>>>>>>>> *I assume that this would be true since the 'allow network*
users to

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>>>> *change*
>>>>> *my*
>>>>>> *files' checkbox is checked after I run the script. As I said*
in
>> *my*
>>>>>> *original*
>>>>>>> *message everthing will work as expected if I 'toggle' this*
>> *checkbox*
>>>> *after*
>>>>>> *the*
>>>>>>> *script has been run (un-check it, and then re-check it) since*
it
>>>> *forces*
>>>>>> *the*
>>>>>>> *permissions to be reset. To me this seems to be the key to*
the
>> *whole*
>>>>>>> *issue...it is like this permission doesn't get propigated to*
all
>> *of*
>>>> *the*
>>>>>>> *folders & files below each of the drives. Can anybody comment*
on
>>>> *this?*
>>>>>>>
>>>>>>> *Seems odd. But do not expect permissions applied to the share by*
>> *script*
>>>>>>> *(i.e. not the folder being shared, but the share itself) to*
>> *replicate to*
>>>>>>> *subfolders. I do not know if that replication would be done*
through
>> *the*
>>>>> *GUI*
>>>>>>> *tools, but I do not think it should -- unless perhaps you are*
>> *running XP*
>>>>>>> *Home, which tends to simplify/dumb-down the security side of*
things
>> *to*
>>>> *make*
>>>>>>> *administration easier for non-technical types.*
>>>>>>>
>>>>>>> *In my environment, we give ALL users FULL access to ALL shares.*
In
>> *the*
>>>>>>> *likely event that permissions need to be somewhat more*
restricted
>> *than*
>>>>> *that,*
>>>>>>> *we do all of our permission management at the NTFS level.*
>>>>>>>
>>>>>>>> *Is there another 'MVP' that can help with this since you admit*

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to

> > *not*

> > > > > *having*

> > > > > > *much experience with this? Nothing personal, and I thank you*

for

> > *the*

> > > *help*

> > > > > *so*

> > > > > > *far, but I really need to get some understanding here.*

> > > > >

> > > > > *You need not worry about my taking your above comment*

personally. I

> > *have*

> > > > > *provided what info I can, knowing it was incomplete to your*

problem,

> > *and*

> > > > *it*

> > > > > *is obvious from what you have said that you appreciate the*

attempt.

> > > > >

> > > > > > *As to other MVP's who might have more to say in the area, I do*

not

> > *know*

> > > > *any*

> > > > > > *of them that well -- it would be up to them to step forward and*

> > *comment*

> > > > > > *further. Perhaps lots of them are still in the festive mood and*

have

> > *not*

> > > > > > *come back down to newsgroup earth following their*

celebrations...

> > ;-)

> > > > > >

> > > > > > /Al

> > > > > >

> > > > > >

> > > > > >

> > > > > >

> > > > > >

> > > > > > *"Al Dunbar [MS-MVP]" wrote:*

> > > > > >

> > > > > >

> > > > > > > *"jong" <jong@discussions.microsoft.com> wrote in message*

> > > > > > > *news:0B97F346-183E-40C9-AF1D-BF64F32B7318@microsoft.com...*

> > > > > > > > *Al,*

> > > > > > > >

> > > > > > > > > *As I noted in this post I am connecting as the local*

> > > > *administrator,*

> > > > > > *but*

> > > > > > > > *still don't get permission to access anything below the*

> > *folders.*

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>>>>>>>
>>>>>>> *I also just noticed that you mention the computer as
belonging
>> to a
>>>>>>> workgroup, a networking environment I have little experience
>> with...
>>>>>>>
>>>>>>> I have
>>>>>>> tried to access c\$...as you noted, but when I try to
connect
>> to
>>>> these
>>>>>>> shares
>>>>>>> I always get an access denied error, so I cannot get the
>> shares to
>>>>>>> mount
>>>>>>> on
>>>>>>> the remote system.
>>>>>>>
>>>>>>> The administrator account on one system will not
automatically
>> have
>>>>>>> access
>>>>>>> to folders on another just because it is an administrator
>> account
>>>>>>> elsewhere.
>>>>>>>
>>>>>>>> I never had that problem till we rolled to windows XP.
>>>>>>>> At any rate I am always mounting using the administrator
>>>> user/pass.
>>>>>>>
>>>>>>>> When logged on at computer AAAA and attempting to map to
shares
>> on
>>>>>>> computer
>>>>>>>> BBBB, which administrator account do you provide the
credentials
>>>> for,
>>>>>>> the
>>>>>>>> one on AAAA or the one on BBBB?
>>>>>>>
>>>>>>>> I have
>>>>>>>> even tried using the <remoteSystemName> with the
administrator
>>>>>>> username
>>>>>>>> but
>>>>>>>> that has not helped. Example:
>>>>>>>>
>>>>>>>>> net use x: \\<remoteSystem>\c\$ <remoteSystemPassword>
>>>>>>>>> /user:<remoteSystemName>\administrator
>>>>>>>>>*

>>>>> on
>>>>>> the
>>>>>>>>> system via explorer they indicate they correct. The
only
>> way
>>>> that
>>>>>> I
>>>>>>> can
>>>>>>>> get
>>>>>>>>> full access to folders is if I disable & re-enable the
>> "allow
>>>>> network
>>>>>>>>> users
>>>>>>>>>> to change my files" checkbox. After doing that the
>>>> permissions
>>>>>> are
>>>>>>>> reset
>>>>>>>>> and
>>>>>>>>>> access is fine from the remote system.
>>>>>>>>>>
>>>>>>>>>>> You seem to be sharing out local drives C:, D:, and V:
with
>>>>>> sharenames
>>>>>>>> of c,
>>>>>>>>>> d, and v, respectively. These should already be shared
out
>> as
>>>>> c\$,
>>>>>>>> d\$,
>>>>>>>>> and
>>>>>>>>>> v\$, so it is not clear why you are adding the additional
>>>>> redundant
>>>>>>>>>>> sharenames.
>>>>>>>>>>>>
>>>>>>>>>>>>> But, aside from that, I think the problem is that you
might
>> be
>>>>>>>>> connecting to
>>>>>>>>>>>>> these shares with an account that lacks sufficient
>> privileges to
>>>>> get
>>>>>>>>> past
>>>>>>>>>>>>> the NTFS permissions on the folders in question.
>>>>>>>>>>>>>>
>>>>>>>>>>>>>>> /Al
>>>>>>>>>>>>>>>>
>>>>>>>>>>>>>>>>> I have tried running the two scripts noted below, but
they
>> did
>>>>> not
>>>>>>>>> resolve


```
>>>>>>>>>>>>
>>>>>>>>>>>> Const FILE_SHARE = 0
>>>>>>>>>>>>
>>>>>>>>>>>> Const MAXIMUM_CONNECTIONS = 25
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>> 'set strComputer to local computer
>>>>>>>>>>>>
>>>>>>>>>>>> strComputer = "."
>>>>>>>>>>>>
>>>>>>>>>>>> intTotalErrors = 0
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>> 'use GetObject to connect to the WMI cimv2 namespace
on
>> the
>>> local
>>>>>>>>>>>> computer
>>>>>>>>>>>>
>>>>>>>>>>>> Set objWMIService = GetObject("winmgmts:" _
>>>>>>>>>>>>
>>>>>>>>>>>> & "{impersonationLevel=impersonate}!\\" &
strComputer
>> &
>>>>>>>>>>>> "\root\cimv2")
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>> 'create an instace of the win32_share object
>>>>>>>>>>>>
>>>>>>>>>>>> Set objNewShare = objWMIService.Get("Win32_Share")
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>> 'Use the Create method to create the system root
share,
>> and
>>>> trap
>>>>>>>>>>>> any
>>>>>>>>>>>> errors.
>>>>>>>>>>>> The create method is passed the following parameter
>> values:
>>>>>>>>>>>>
>>>>>>>>>>>> strShareFolder = "C:\" '
>>>>> areFolder -
>>>>>>>>>>>> Local
>>>>>>>>>>>> path
>>>>>>>>>>>> of the folder being shared.
>>>>>>>>>>>>
```


