

Re: WinXP. Unable to map home drive. Map's to root of share only.

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Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2005-10/msg00053.html>

- *From:* "Mick Reynolds" <MickReynolds@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 6 Oct 2005 06:28:57 -0700
-

The \0 folder does exist – I will try to explain further...

We have approx 20,000 users and all users accounts are 8 digits long. The last digit of each user belongs to the folder within home\$ e.g. 12345678 would reside in the 8 folder therefore ads home path and folder would be \\server\data\$\8\12345678 – I had to amend your original batch files to get round this. The reason I do it like this is because on 20,000 users it is a lot faster to cut the folders down i.e. approx 10% each – Hope this make sense – its much faster to manage!

If I execute the command net use f: /home it would point to the ads hence \\server\data\$\8\12345678. but even when I put net use \\server\data\$\8\%username% into the login script it still sometime fails.

If I created separate shares for each user account as you suggested in your test it would work like a dream – but that would mean the server having 20,000 shares (too many and harder to manage), hence the justification for root maps.

Very interesting point you made about the share been corrupt. I will have to try deleting and recreating the share at a suitable time of the day when no users are logged in. I think this is a good thought but then again I would expect it to fail more often and seeing other users with the same problem as me I find it hard to agree but obviously keen to try – Watch this space!

"Pegasus (MVP)" wrote:

- > There is something very strange going on. Consider this:
- >
- > – Your user's name is 00026260.
- > – The command net use x: \\server\home\$ generates this mapping:
- > X: \\Server\data\$
- > – The command net use y: \\server\home\$\%UserName%
- > is expected to create this mapping:
- > Y: \\Server\data\$\00026260
- > but instead it creates this mapping:
- > Y: \\Server\data\$\0\00026260

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>
> What's the extra "0\" doing in there? Does this folder exist?
> What is its purpose? When you execute the command
> net share home\$ on the server, where does it point to?
>
> Perhaps your share definition for the home\$ share is corrupt.
> I would run these commands on the server:
> net share home\$ /del
> net share home\$=d:\SomeFolder\SomeSubFolder
>
> Your question about my second batch file is justified. It should
> have read
> net use y: \\server\%UserName% instead of
> net use y: \\server\home\$\%UserName%
>
> Does the corrected command work? Every time?
>
>
> "Mick Reynolds" <MickReynolds@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:4FF33B50-9FC5-4A87-AC82-2ACFE7B4775A@xxxxxxxxxxxxxxxxxxxxx
>> Sorry for the slow reply (and thanks for your help)
>>
>> I have run the scripts as you requested and attached them below.
>>
>> I don't quite understand the 2nd script because its mapping to the
> original
>> share and not the share that you asked me to create on the server. As you
> can
>> see the when I run your script it works ok but this has always been the
> case
>> when done after logon. My original login scripts do work but occasionally
>> fail to the root map (I have also attached net use to show you how
> sometimes
>> they work and sometimes they dont – look at the F: drive mapping).
>> *****somtime don't work sometimes work:
>> New connections will be remembered.
>>
>>
>> Status Local Remote Network
>>
>> -----
> -----
>> OK F: \\Server\data\$ Microsoft Windows Network
>>
>> The command completed successfully.
>>
>>
>>
>> New connections will be remembered.
>>
>>

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```
>> Status Local Remote Network
>>
>> -----
> -----
>> OK F: \\Server\data$\0\00026260 Microsoft Windows Network
>>
>> The command completed successfully.
>>
>> *****Test1.txt
>> 05/10/2005 14:31:45.79 user=00026260
>> The command completed successfully.
>>
>> The command completed successfully.
>>
>> New connections will be remembered.
>>
>>
>> Status Local Remote Network
>>
>> -----
> -----
>> OK F: \\Server\data$ Microsoft Windows Network
>> OK X: \\Server\data$ Microsoft Windows Network
>> OK Y: \\Server\data$\0\00026260 Microsoft Windows Network
>> The command completed successfully.
>>
>> Volume in drive X is Data
>> Volume Serial Number is 8E42-75BC
>>
>> Directory of x:\
>> *****Test1.err
>> File Not Found
>> *****Test2.txt
>> 05/10/2005 14:36:27.50 user=00026260
>> The command completed successfully.
>>
>> The command completed successfully.
>>
>> New connections will be remembered.
>>
>>
>> Status Local Remote Network
>>
>> -----
> -----
>> OK F: \\Server\data$ Microsoft Windows Network
>> OK X: \\Server\data$ Microsoft Windows Network
>> OK Y: \\Server\data$\0\00026260 Microsoft Windows Network
>> The command completed successfully.
>>
>> Volume in drive X is Data
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```
>> Volume Serial Number is 8E42-75BC
>>
>> Directory of x:\
>> *****Test2.err
>> File Not Found
>>
>>
>> "Pegasus (MVP)" wrote:
>>
>>> OK, time to run some tests. Please run the following batch file
>>> on the problem workstation, then post the contents of c:\test*.txt
>>> and c:\test*.err.
>>>
>>> @echo off
>>> echo %date% %time% user=%UserName% 1>c:\test1.txt 2>c:\test1.err
>>> net use x: \\server\home$ 1>>c:\test1.txt 2>>c:\test1.err
>>> net use y: \\server\home$\%UserName% 1>>c:\test1.txt 2>>c:\test1.err
>>> net use 1>>c:\test1.txt 2>>c:\test1.err
>>> dir x:\ 1>>c:\test1.txt 2>>c:\test1.err
>>>
>>> Now hop onto the server and run this command from a
>>> Command Prompt:
>>> net share xxx=d:\yyy\xxx
>>> where xxx is the user's logon name (as above) and d:\yyy is the
>>> physical location of \\server\home$. Check your handiwork by
>>> running this command:
>>> dir \\server\home$\xxx
>>> You must also set the ***share*** permissions for xxx to
>>> "Full Control for Everyone". You can do this in Explorer.
>>>
>>> Now run the following batch file from the same workstation
>>> as before:
>>>
>>> @echo off
>>> echo %date% %time% user=%UserName% 1>c:\test2.txt 2>c:\test2.err
>>> net use x: \\server\home$ 1>>c:\test2.txt 2>>c:\test2.err
>>> net use y: \\server\home$\%UserName% 1>>c:\test2.txt 2>>c:\test2.err
>>> net use 1>>c:\test2.txt 2>>c:\test2.err
>>> dir x:\ 1>>c:\test2.txt 2>>c:\test2.err
>>>
>>> The results should be interesting.
>>>
>>>
>>> "Mick Reynolds" <MickReynolds@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
> message
>>> news:F30FE4C0-4874-45D8-8D20-1EEE35961BF1@xxxxxxxxxxxxxxxxxxxx
>>>> Sorry if I'm not explaining myself very well...
>>>> we are trying to map root a folder to \\server\home$\%username% and
> most
>>>> of
>>>> the time it works i.e. root map to the home folders user account, but
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>>>> sometimes it only maps the drive to the share i.e. \\server\home\$
>>>>
>>>> when it fails net use s: \\server\home\$\%username% only returns the
> same
>>>> mapping of \\server\home\$ and doesn't map to the users home folder
> i.e. no
>>>> error message but the wrong drive mapping
>>>>
>>>>
>>>> "Pegasus (MVP)" wrote:
>>>>
>>>>> You previously wrote:
>>>>> "I have also mapped drives manually after login using the net use
>>> command
>>>>> but this still fails."
>>>>>
>>>>> You then wrote:
>>>>> "We don't get an error message – We get a drive mapping only to the
>>> share
>>>>> i.e.
>>>>> \\server\home\$ not \\server\home\$\%username"
>>>>>
>>>>> These two statements are at variance with all my networking
> experience.
>>>>> Either something works, or else I get an error message.
>>>>>
>>>>> If you wish to map drives manually for testing purposes then
>>>>> you must do it from a Command Prompt:
>>>>> net use s: \\server\home\$
>>>>> net use t: \\server\home\$\%UserName%
>>>>>
>>>>> After resolving any problems surrounding these commands,
>>>>> put them into your netlogon batch file, followed by a "pause"
>>>>> command, until they work or until you see the exact error
>>>>> message.
>>>>>
>>>>>
>>>>> "Mick Reynolds" <MickReynolds@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
>>> message
>>>>> news:8D5F16C6-F967-4C2A-82AE-2BFEEB2E7701@xxxxxxxxxxxxxxxxxxxx
>>>>>> We don't get an error message – We get a drive mapping only to the
>>> share
>>>>>> i.e.
>>>>>> \\server\home\$ not \\server\home\$\%username"
>>>>>>
>>>>>> "Pegasus (MVP)" wrote:
>>>>>>
>>>>>>> What is the exact error message you see when the
>>>>>>> command fails?
>>>>>>>
>>>>>>>

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