

## Re: Local Drives in TS session

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[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal\\_services/2006-08/msg00654.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2006-08/msg00654.html)

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Hi Rich,

For some reason the server is having a problem unloading the user's per-user class hive (HKCU\Software\Classes) when the user logs off. This registry hive is stored in the file UsrClass.dat.

The local drive redirection feature creates a Shell Instance Object pointing to the redirected path (ex. \\tsclient(c) during logon or session reconnect for each local client drive. The registration for these Shell Instance Objects is stored in the per-user class.

Since the per-user class hive did not unload properly the last time the user logged off, the class registration for each Shell Instance Object does not complete properly. This is why the local drive icons (SIOs) do not work when you click on them.

It is these Shell Instance Objects that you see when you open up My Computer and have redirected drives listed as "C on CLIENT", etc.

I recommend you download and install the latest version of the User Profile Hive Cleanup Service (uphclean). UPHclean will most likely force the per-user class hive to unload when each user logs off. You can download it here:

<http://www.microsoft.com/downloads/details.aspx?familyid=1B286E6D-8912-4E18-B570-42470E2F3582>

-TP

Richard C wrote:

Hi all, I hope you can help.

I have two terminal servers that are load balanced and the users in my organisation ( about 75 ) connect to these machines to access all their office applications. I have a GP set that is supposed to remove a users roaming profile from the terminal servers when they log out.

The problem that I have is that when some of the users log into the terminal servers they are not able to see the local drives on the host machine. I have checked that all the right boxes are ticked on the RDP client.

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The really odd thing is that when one of these users is in a terminal server session and they open 'my computer' the local drives appear as the 'unknown file type' icon rather than a normal network drive icon and the users are not able to access these drives.

I'm not sure if this is related or not these users profiles do not get removed from the machine when they log out. I have tried to delete the profile manually and it gets a certain way through doing this and then fails saying that it cannot delete the usrclass.dat file. I have rebooted one of the servers and following the reboot I was able to delete the profile. After the profile has been deleted I logged in as one of the users and I was able to see and access the local drive. then after a few log out's and log in's I get the same problem. I then try to delete the profile and usrclass.dat will not delete ( Access denied – the file is in use )

Any thought??

Cheers

Rich