

How to access central fileserver space / group disks at Bioquant from a computer running Windows 7 Professional or Ultimate computer system.

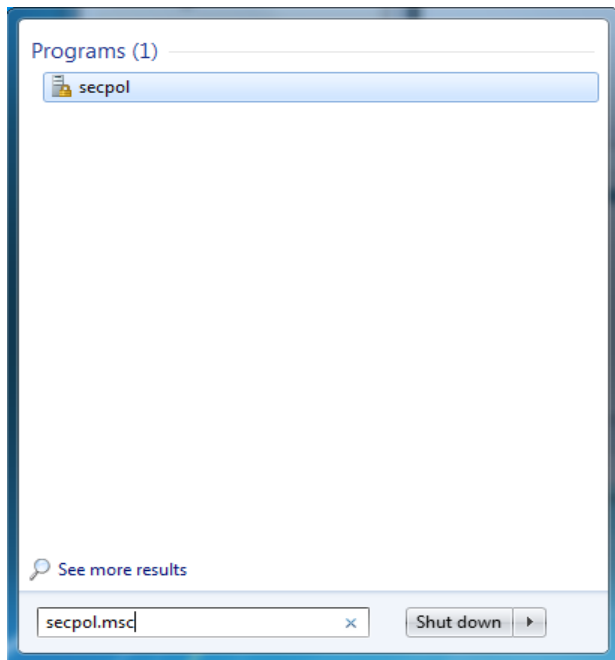
*For Windows 7 Home version please see footnote**

Windows 7 uses an network authentication protocol called NTLM**

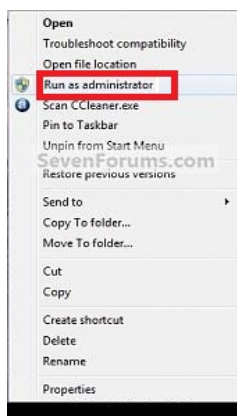
If you wish to have access to network shares on nasfile1, 2, 3, 4 ,5 or nasfile 6 you must set the Network Security setting using the 'Local Security Policy' tool.

To start the 'Local Security Policy' tool you must first click on start and in the 'Search Program and Files' field type in secpol.msc (Fig 1). The secpol tool should appear in the list of found items.

Fig 1.



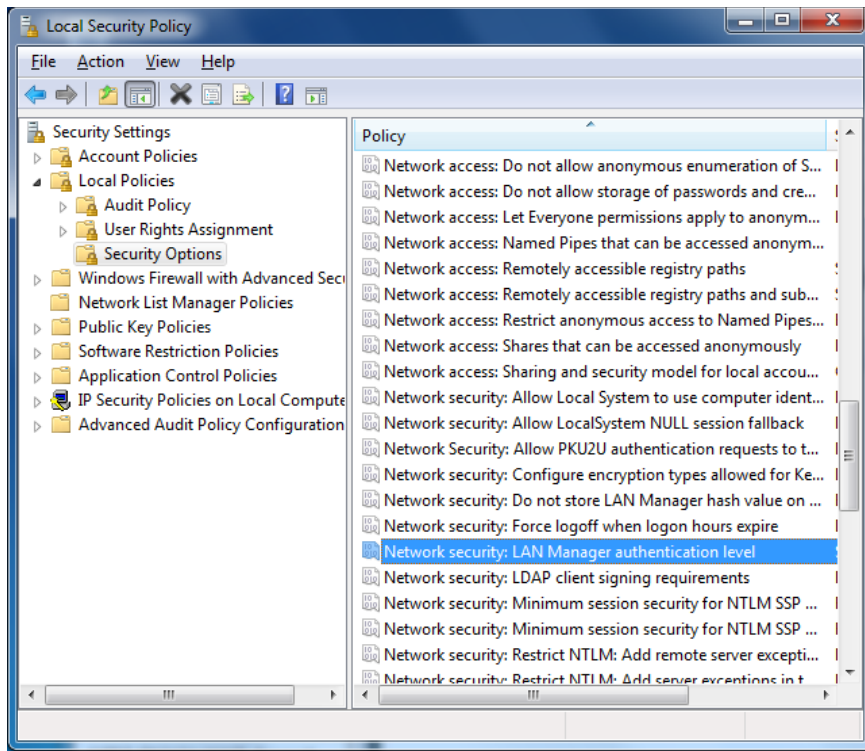
Note: You should run the secpol tool as Administrator. To do this right click on the program secpol and you will see the context menu (Fig 2)



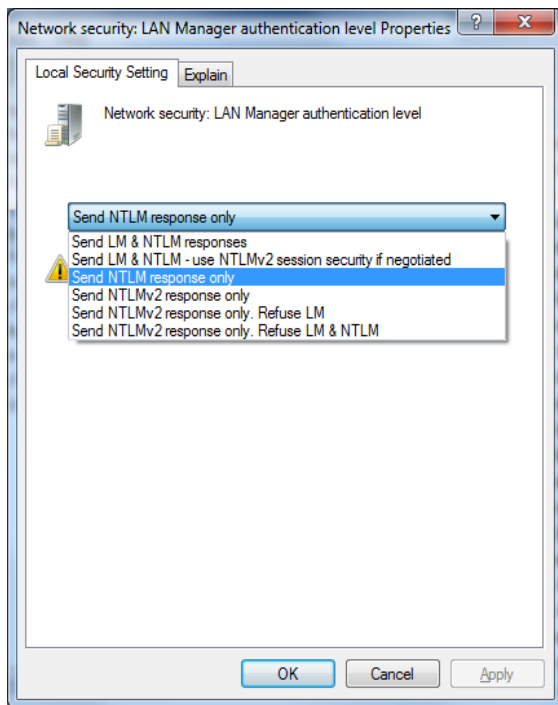
and select "Run As Administrator".

After the program has started, you need to go down to (Fig 3) Security Settings - Local Policies - Security Options - Network security: Lan Manager authentication level

Fig 3.



Double click on 'Network security: Lan Manager authentication level' and under the tab 'Local Security Setting' (Fig 4) select from the drop down list the option 'Send NTLM response only'.

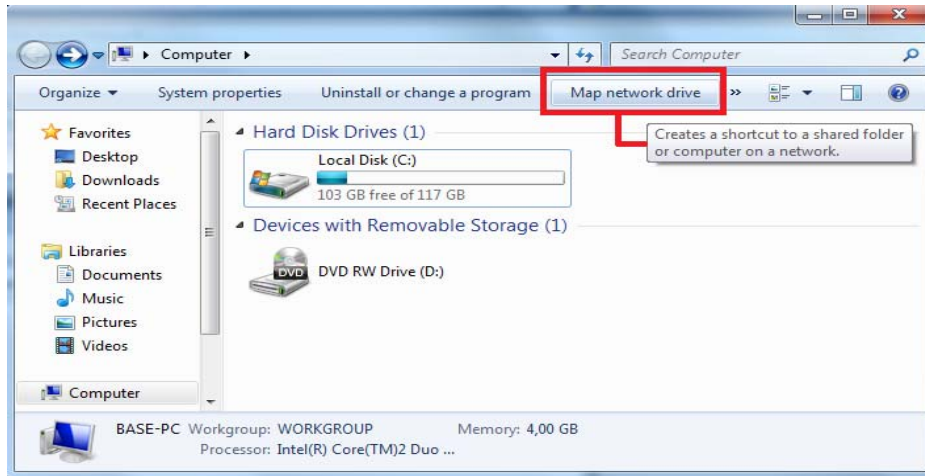


Click OK and close the secpol program.

Now you will be able to mount a network drive in windows 7.

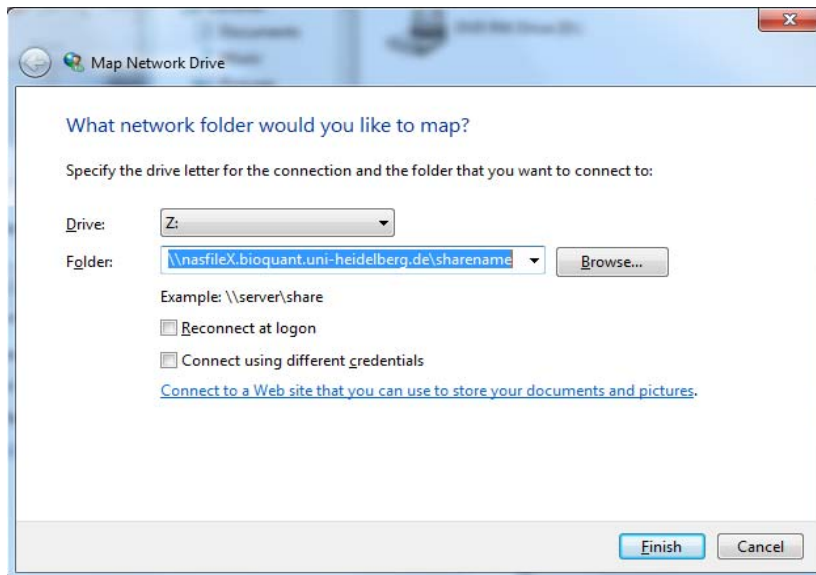
To map a network drive you must open "Computer" and under the menu option (Fig 5) select "Map network drive"

Fig 5.



On the next screen (Fig 6) you can assign a specific drive letter for the network share or accept the default drive letter. In the field marked Folder type in the name of the share you want to connect to. i.e. \\nasfile3.bioquant.uni-heidelberg.de\disk1\ag-reils

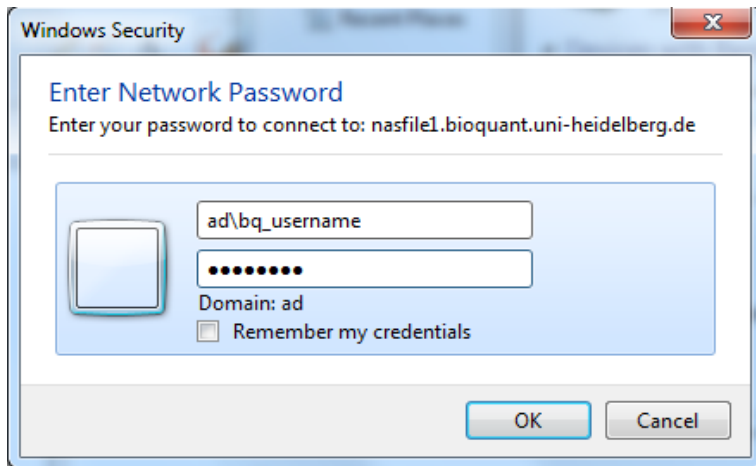
Fig 6.



Click on finish and you will then be asked for your BioQuant account name (bq_username) and password (Fig 7).

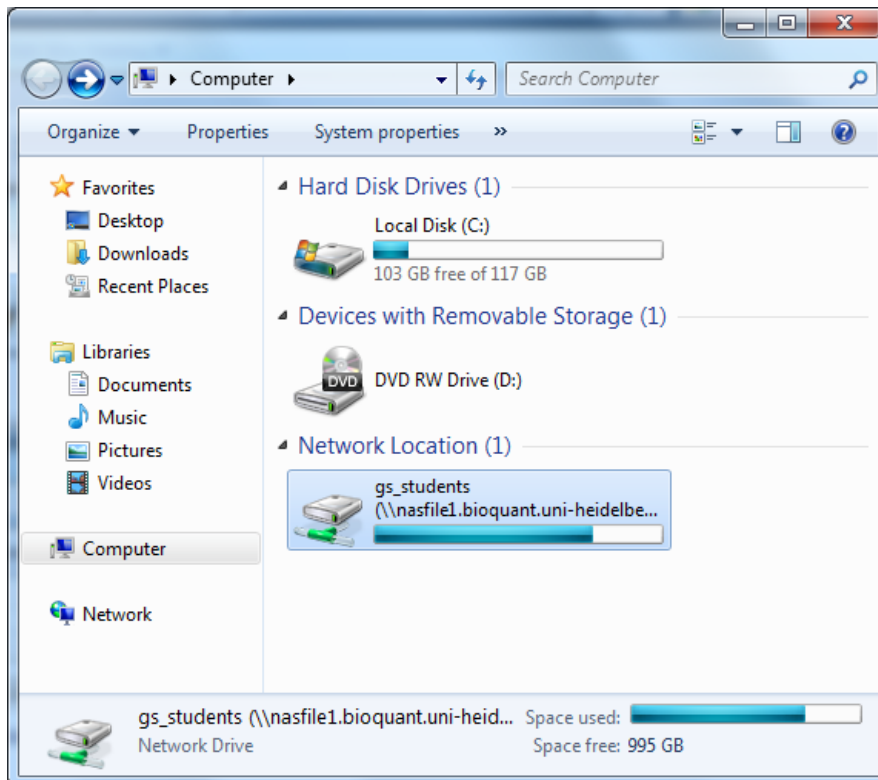
Here you must type in first AD\ followed by your username and then your password.

Fig 7.



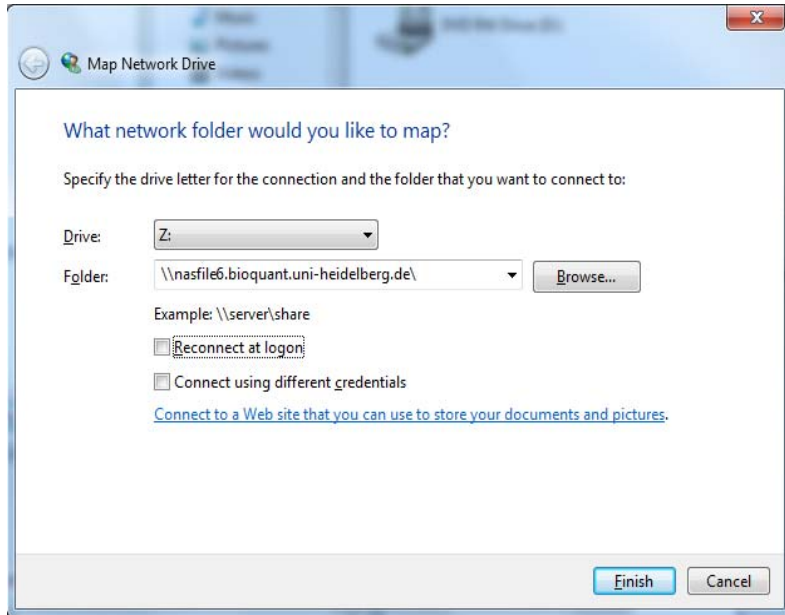
When you have successfully entered in your credentials, the network drive should now be visible under in 'Computer' under Network Location (Fig 8).

Fig 8.



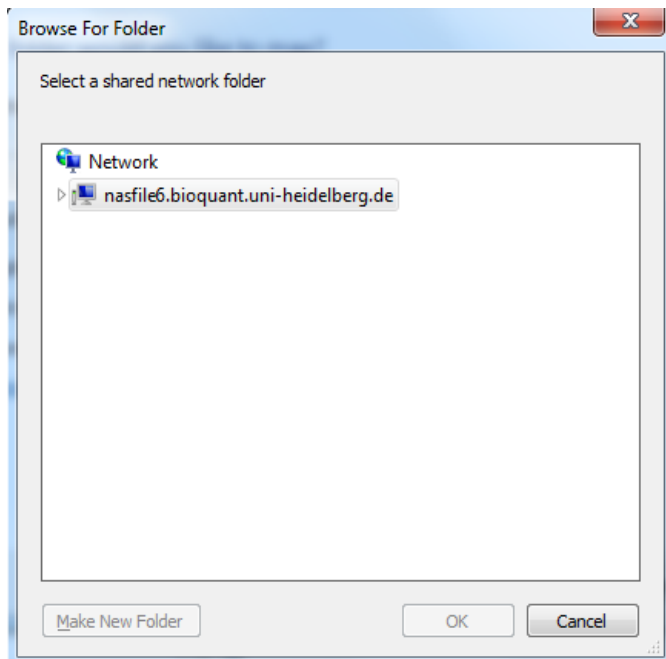
Note: How to browse the shares if you do not know the full sharename

If you are not sure of the name of the share, you can browse each nasfiler to see the available shares. For example you wanted to see the list of shares on nasfile6.bioquant.uni-heidelberg.de (Fig 9), you would type in the server name in the 'Folder' field and then click on 'Browse'



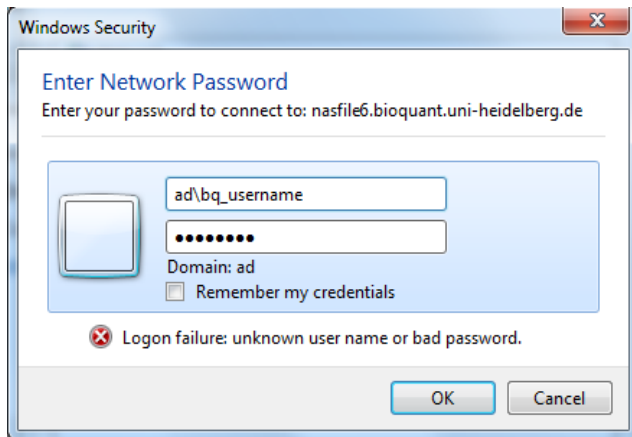
On the next screen you can click on the name of the server (Fig 10). and will be asked for your BioQuant account name (bq_username) and password (Fig 11).

Fig 10.



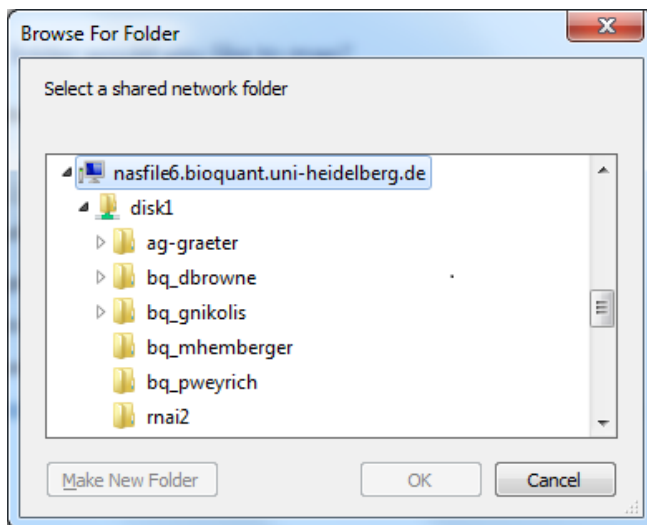
Here (Fig 11) you must type in first AD\ followed by your username and then your password.

Fig 11.



After your credentials are checked you will see a listing of the shares on the server.

Fig 12.



You can then select the share you want and click 'OK'. You will then be returned to the previous screen (Fig 9). Click on 'Finish' and the network drive will be mounted.

* [Windows 7 Home edition. You will need to make the setting changes using 'Registry Editor' (regedit) Changing the following registry key should achieve the same effect. To start the 'Registry Editor' tool you must first click on start and in the 'Search Program and Files' field type in regedit From the list of items found start regedit.

Then under Computer go to the location -> HKEY_LOCAL_MACHINE -> SYSTEM -> CurrentControlSet -> Control -> Lsa and create the following DWORD value (if it doesn't exist):

LmCompatibilityLevel
And set its value to: 2

Close regedit. After you change these settings, you will need to reboot.]

**[What is NTLM? NTLM is a challenge/response system that allows a client to prove its identity without sending a password to the server.]