

Accessing Novell fileservers Remotely Working Remotely

If it becomes necessary that you work from home as a result of COVID-19 isolation requirements there are a number of options open to you. In all cases you must ensure that the machines connecting to Institute systems are patched with the latest security updates and are running anti-virus programs that are updating with the latest virus/malware information.

IP addresses in the screenshots in this document have been deliberately obscured.

It is not possible to allow remote connections to multi-user systems within the Institute. Remote access is only possible from a single remote connection to a single user account on an Institute desktop.

1. If you have a laptop or desktop at home you must use the University of Oxford VPN client when accessing restricted University data and services from your home WiFi. Details of the University VPN can be found at:

<https://help.it.ox.ac.uk/network/vpn/index>

2. If you are transferring confidential or sensitive data from WIMM systems via USB drives or laptops then the data should be encrypted.
3. If you wish to access your WIMM server account home and shared folders remotely you will need to use the VPN client in order to log into the WIMM servers via the Windows MicroFocus client or the Macintosh native client.
4. If you want to access your WIMM home folder (not lab shared folders) remotely it is also possible to do this via a web interface, see:

<https://netstorage.imsu.ox.ac.uk/>

Accessing Novell home folders and shared drives remotely

You may want to access files and data on your own home machine without having to load a remote desktop session to your workstation on your desk.

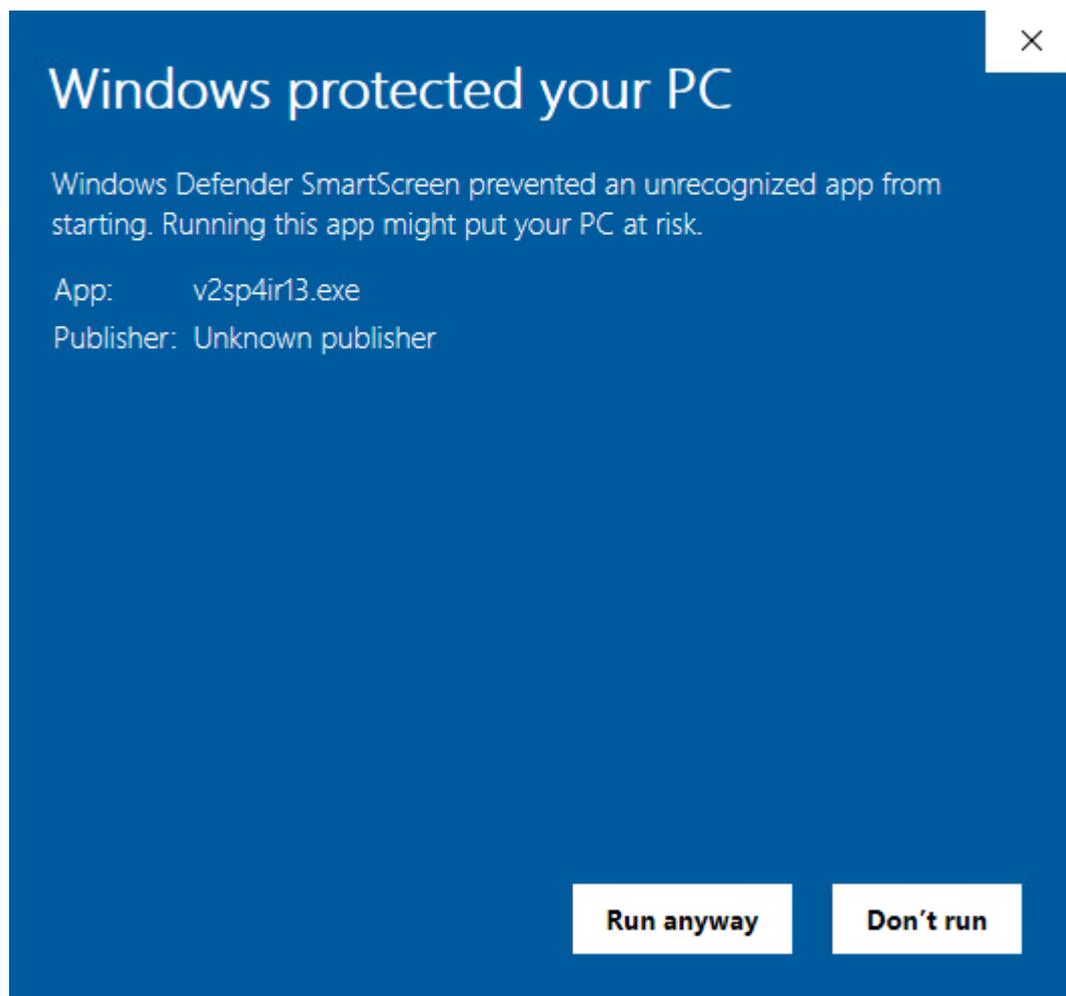
On a Macintosh this is possible by connecting to the Oxford VPN. On a Windows PC, this is possible by connecting to the Oxford VPN and installing the client software.

Accessing Novell home folders and shared drives remotely from a Windows PC

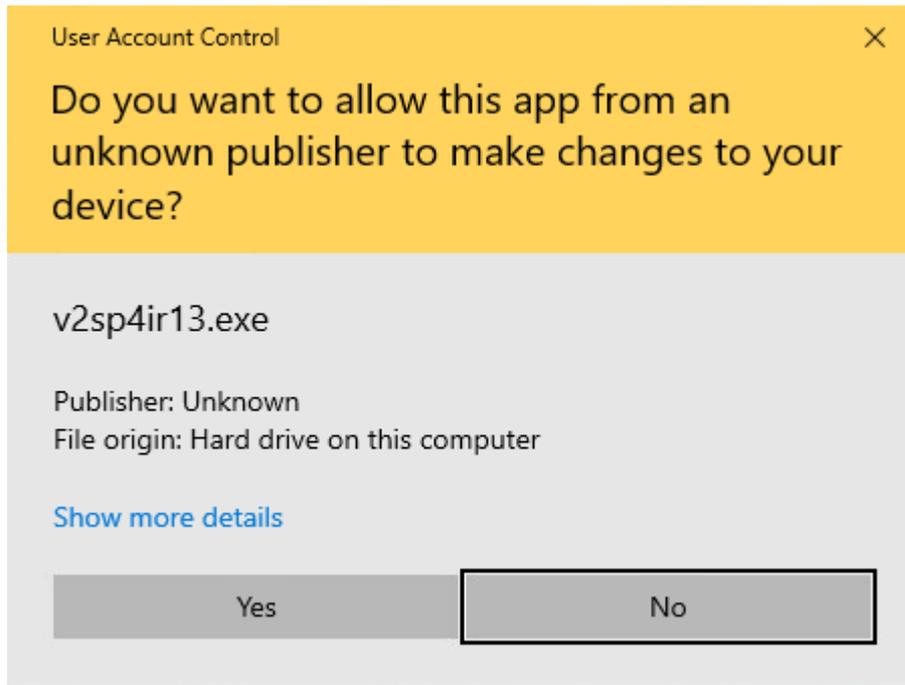
Follow step one above with information on how to register for the remote access account and download, install and use the Oxford VPN software.

Once connected to the Oxford VPN, go to <http://nwclient.imsu.ox.ac.uk/> and download the OES client (v2sp4ir13.exe at the time of writing). Do not download and install any of the ZCM agent links.

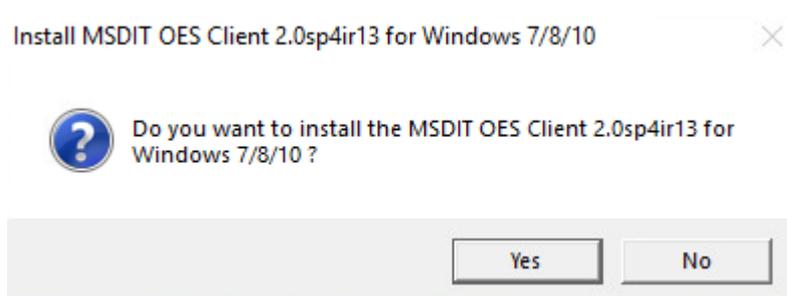
Install the OES client but it is very important to **not reboot** when prompted at the end of the installation process. Doing so will interfere with the normal Windows login screen. If Windows Defender SmartScreen pops up, select More info and Run anyway.



Choose Yes on the User Account Control screen if prompted.



Click Yes to start installation.

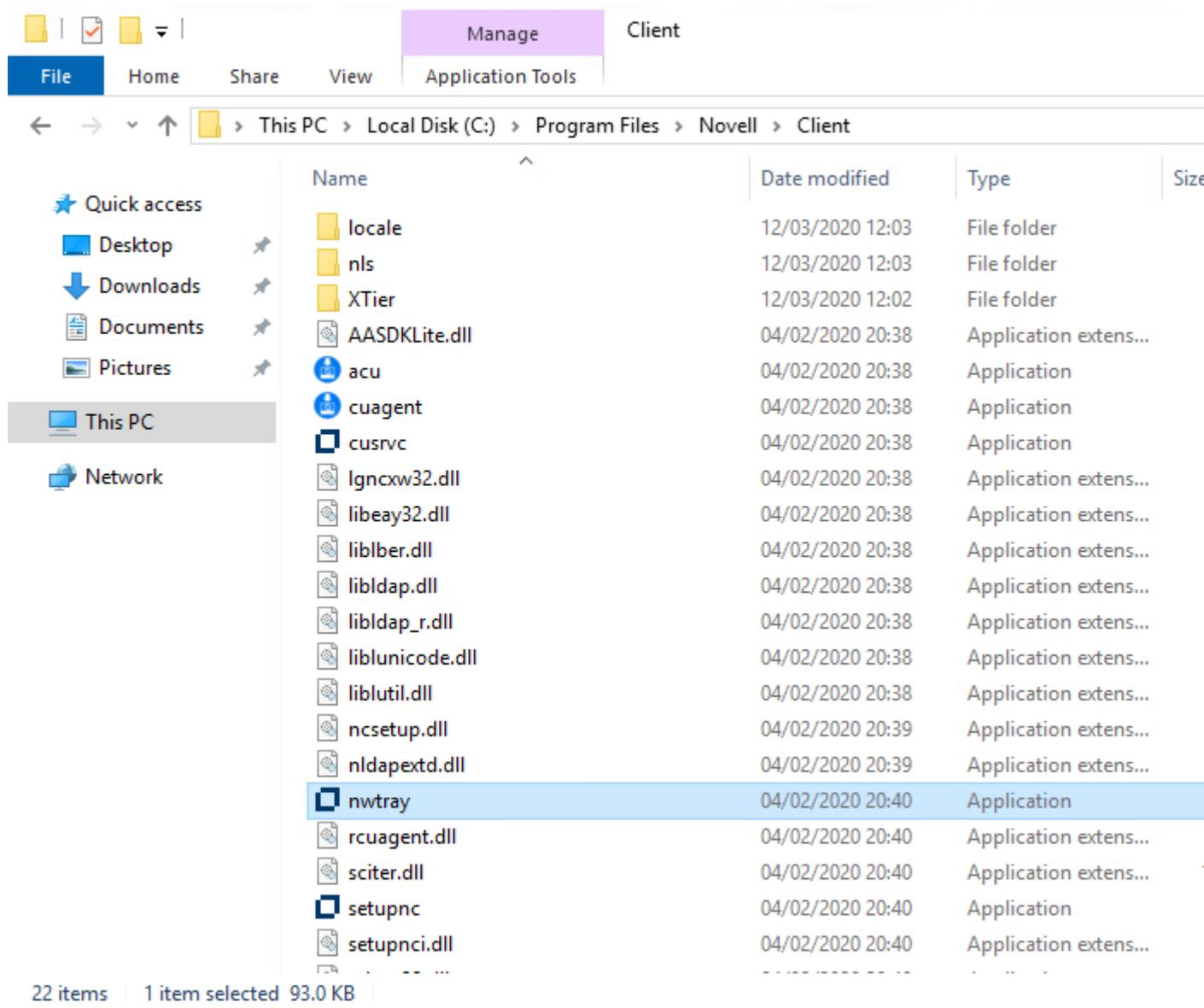


Leave the installer to run. When prompted to reboot, select **Close**.

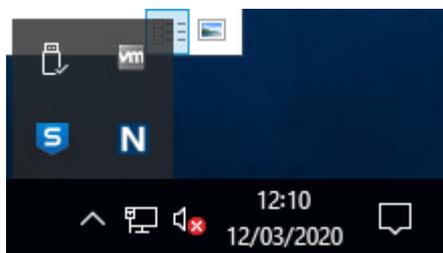
Installation Complete



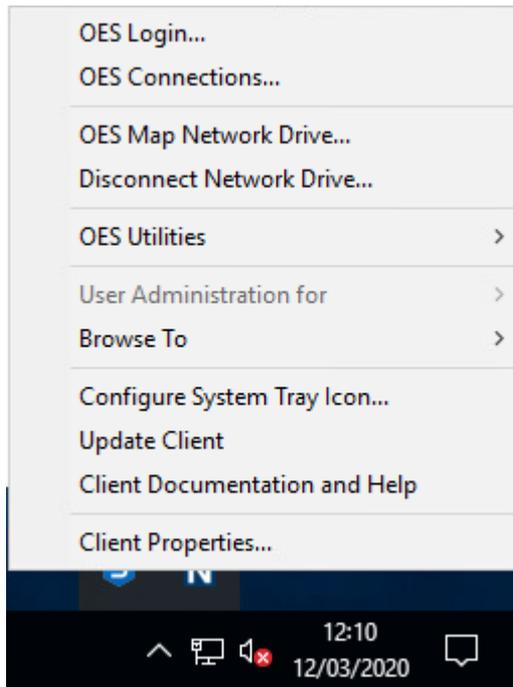
Navigate to the folder *C:\Program Files\Novell\Client* and run the program *nwtray.exe*



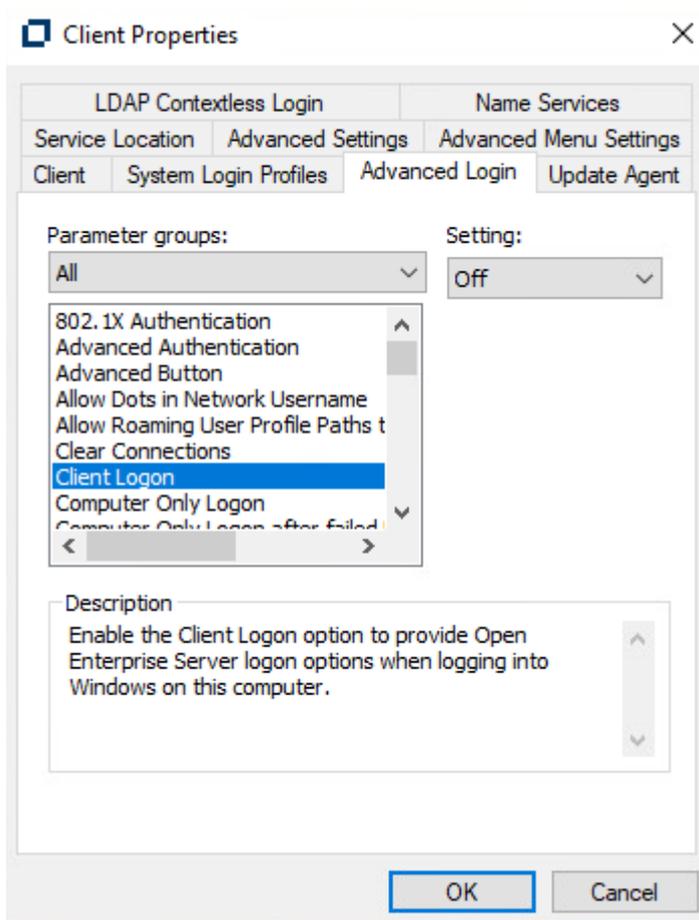
A symbol with a white N in a blue square should have appeared in the system tray in the bottom right corner of the screen near the clock. If it is not there, click on the up arrow to expand the view.



Right click on the icon and select Client Properties. Select Yes if the User Account Control prompts.

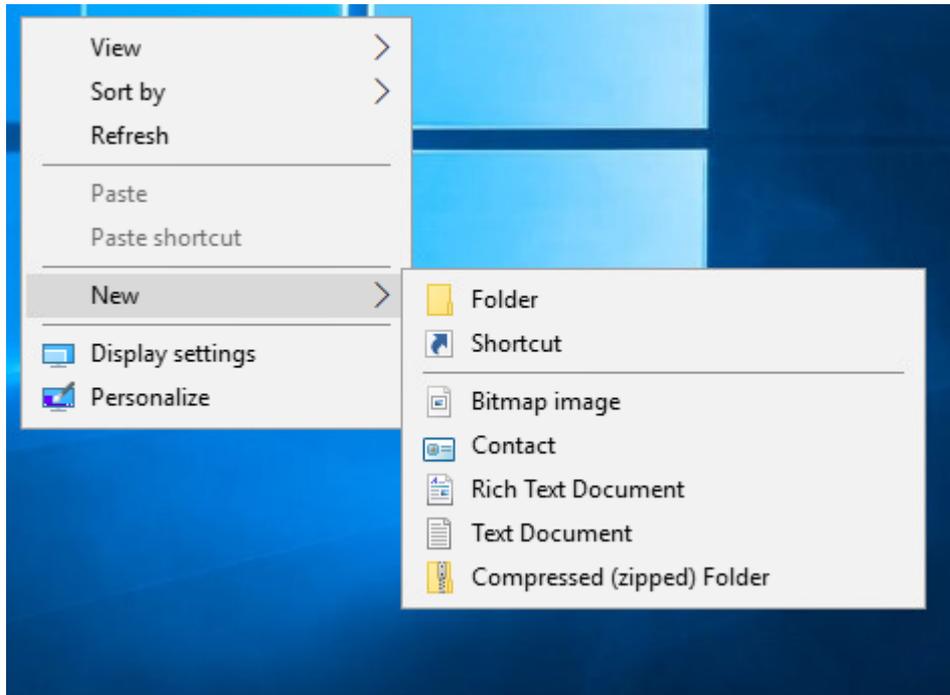


Select the Advanced Login tab and select the parameter Client Logon. Change the setting to off.

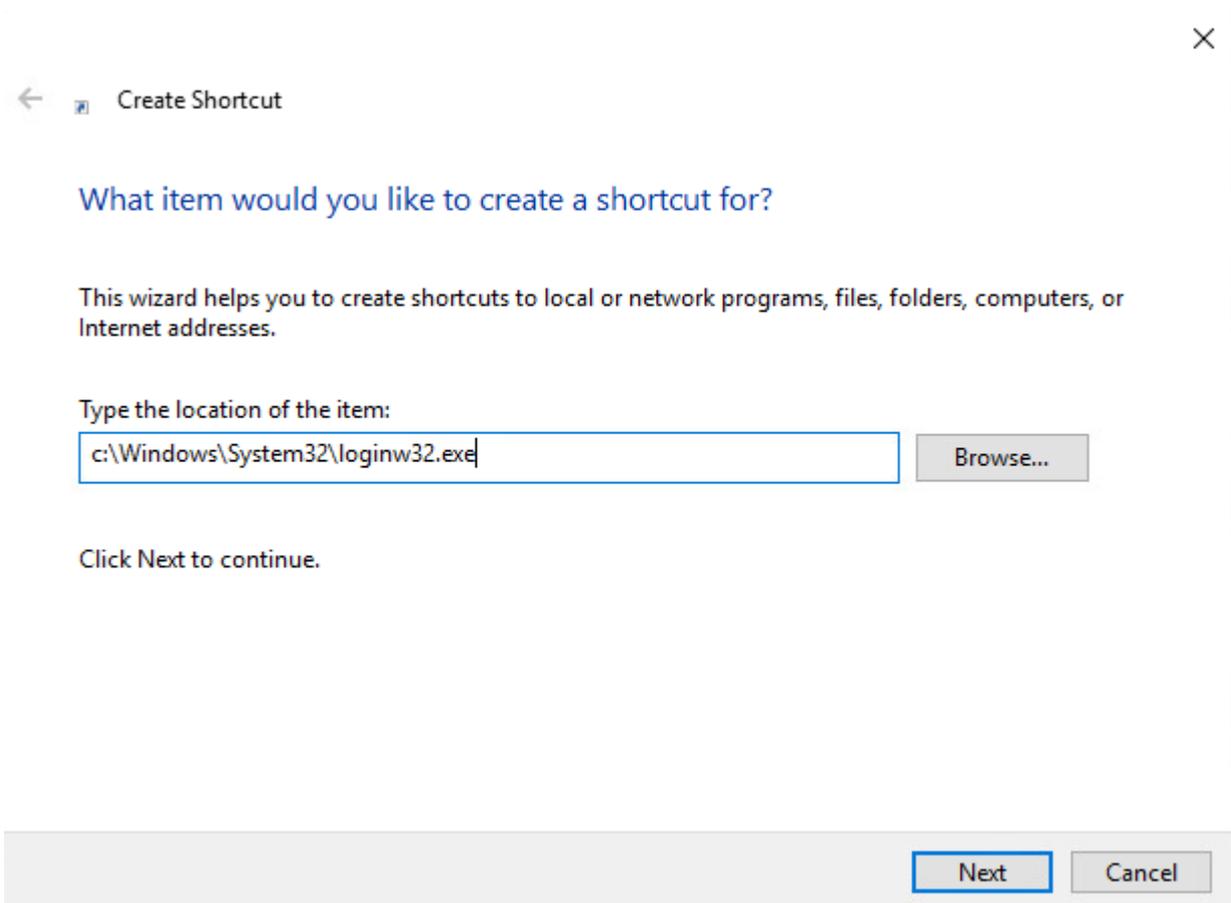


Click OK.

Right click on the desktop and select New, Shortcut.



In the box, enter `c:\windows\system32\loginw32.exe`
Click Next.

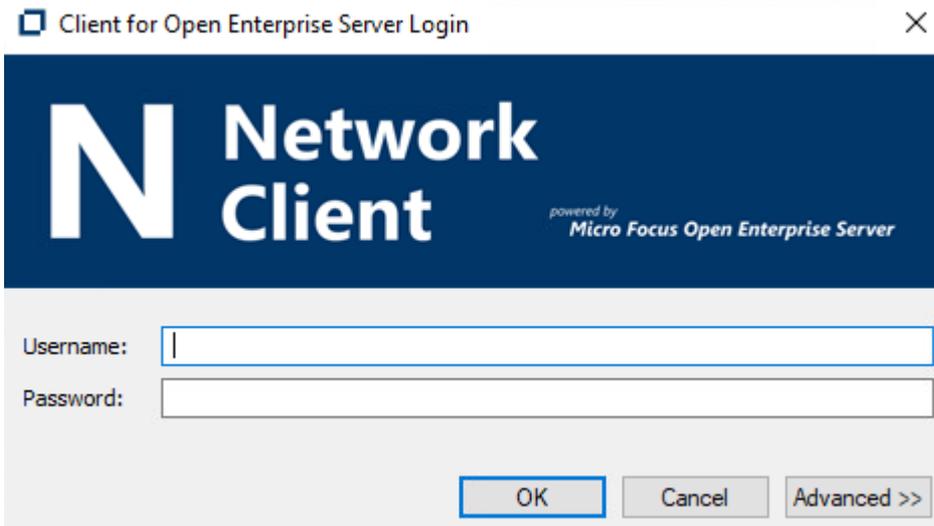


Enter the name Login to WIMM Servers and click Finish. The shortcut will appear on your desktop. Now reboot your computer.

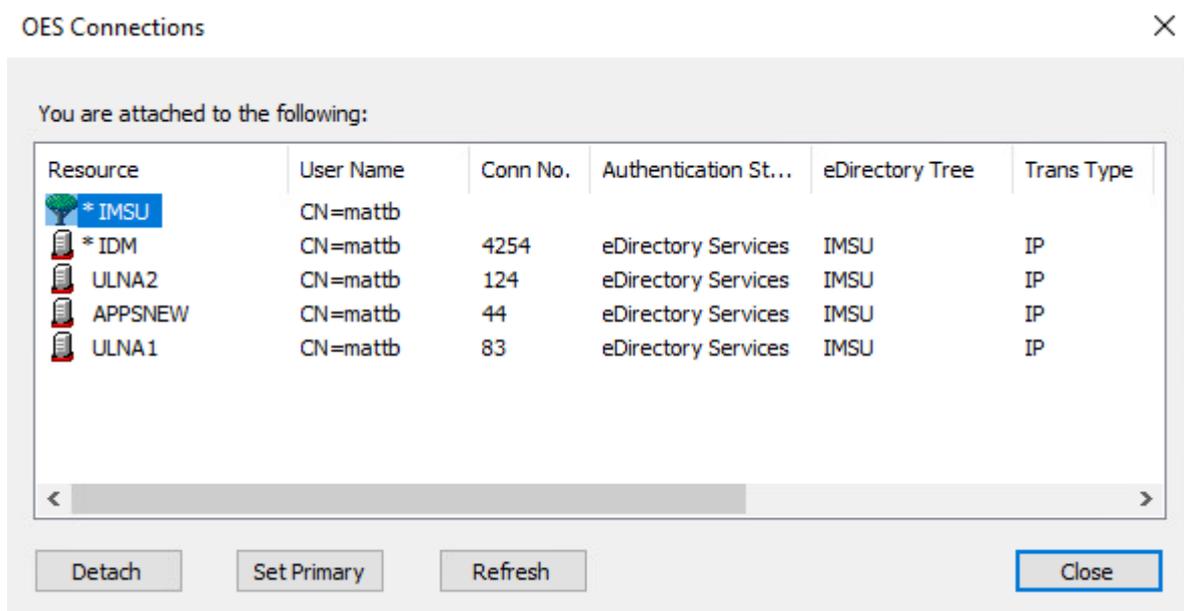
Login to your computer and connect to the Oxford VPN. Double click on the new shortcut on your desktop.



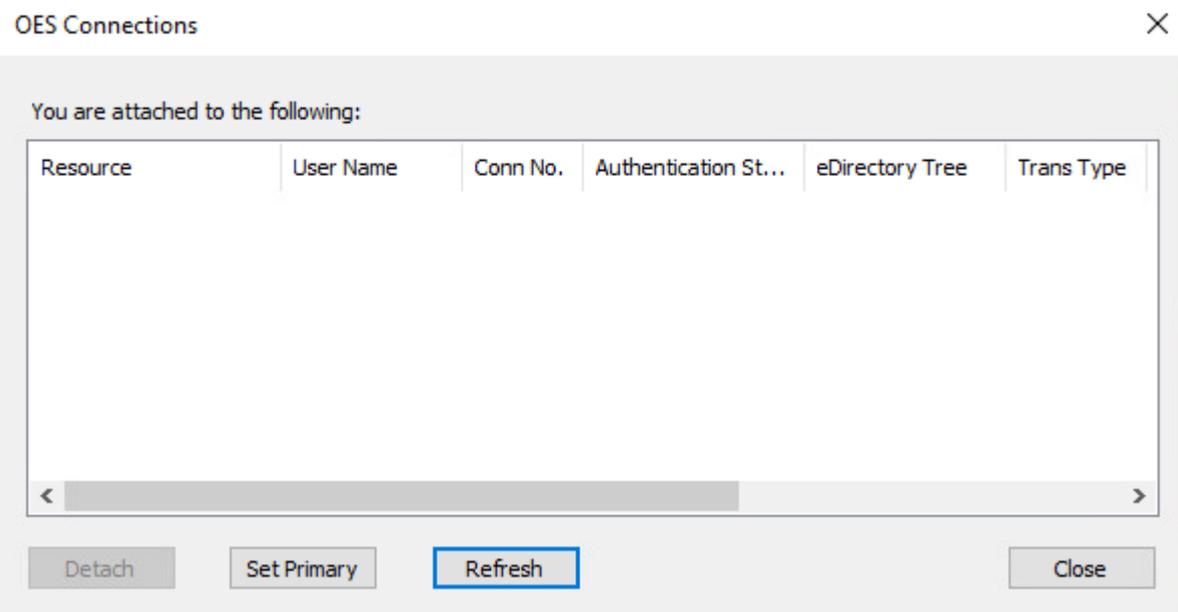
At the login prompt, enter your Novell credentials and click OK.



Authentication should succeed and your usual drive mappings be visible. When you have finished, right click on the icon in the system tray and select OES Connections. Select the tree IMSU and click Detach.



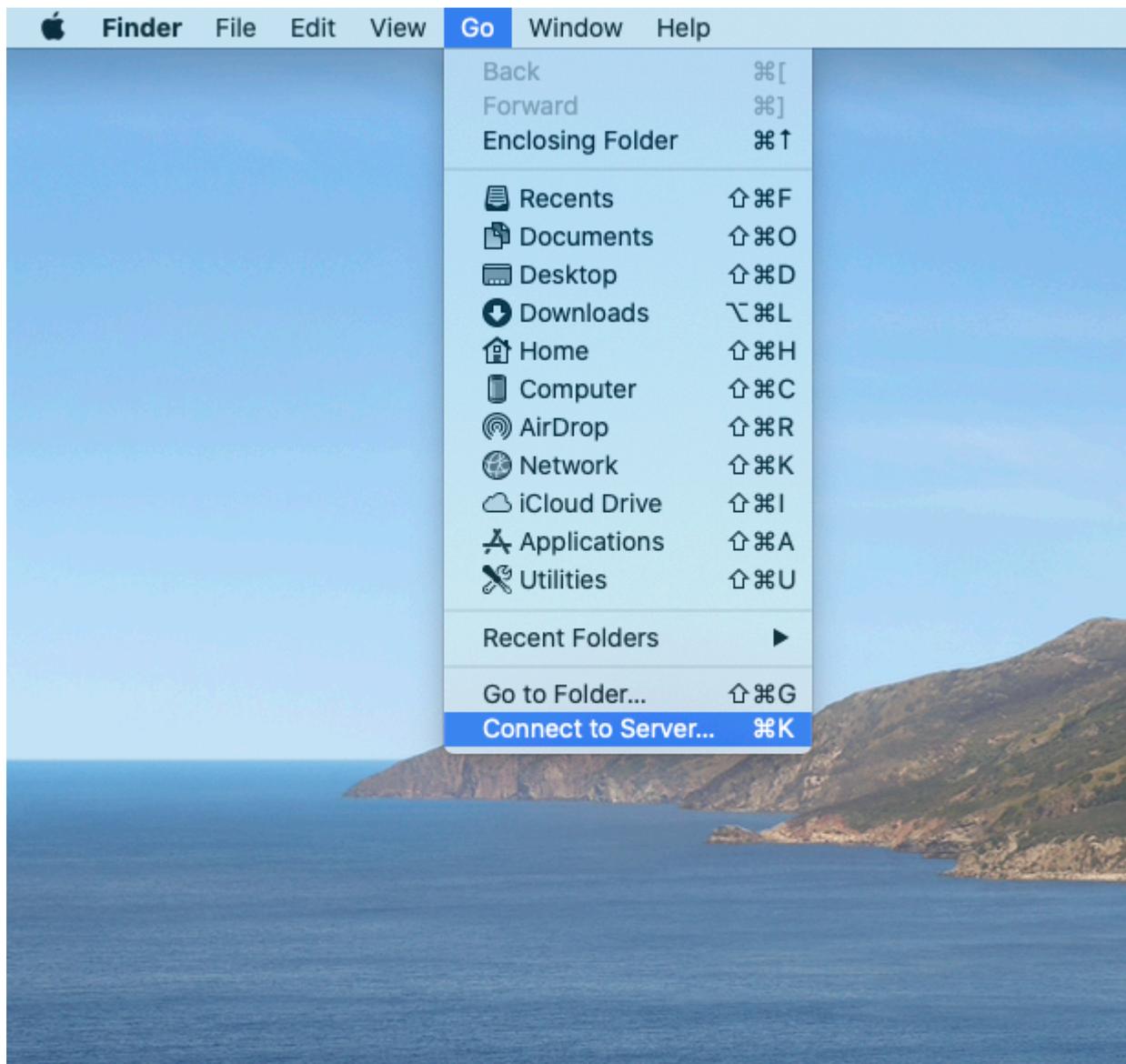
Click refresh and all connections should have disappeared. Close the window. It is now safe to disconnect from the Oxford VPN.



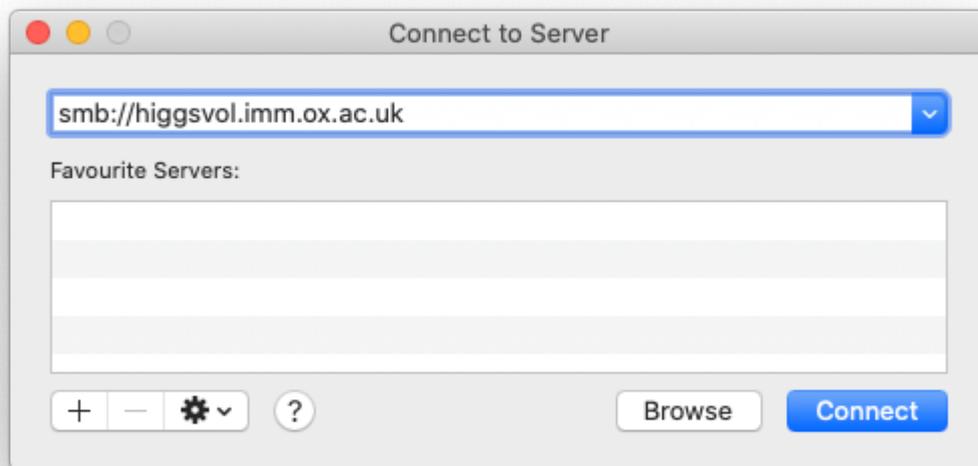
Accessing Novell home folders and shared drives remotely from a Macintosh

Follow step one above with information on how to register for the remote access account and download, install and use the Oxford VPN software.

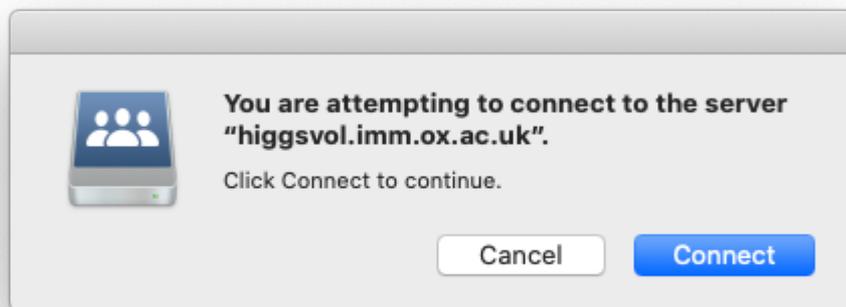
Once connected to the Oxford VPN, In Finder select Go, Connect to Server (it has the shortcut key Command + K).



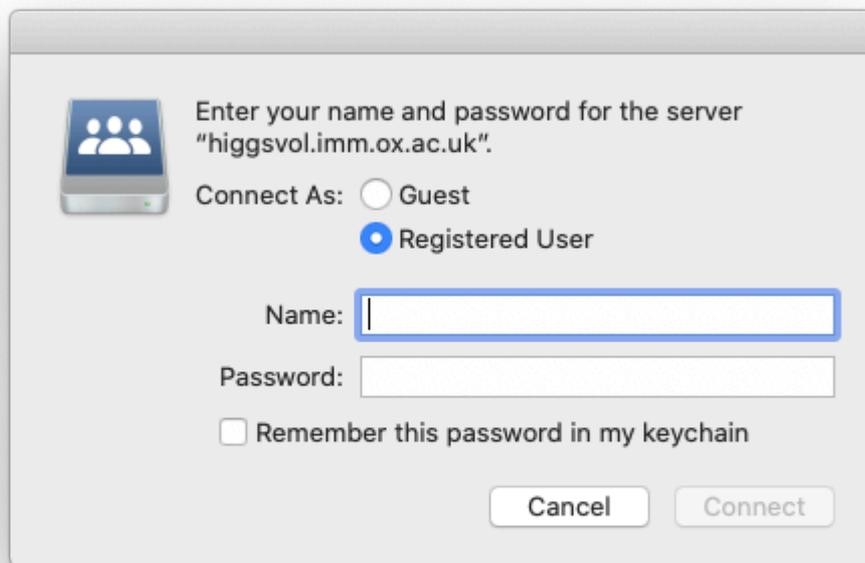
In the login window, enter the server address in the form of `smb://labvol.imm.ox.ac.uk` and click Connect, e.g. if in the Higgs lab, enter `smb://higgsvol.imm.ox.ac.uk`
If you are unsure of what the server address, please contact us at help@imm.ox.ac.uk



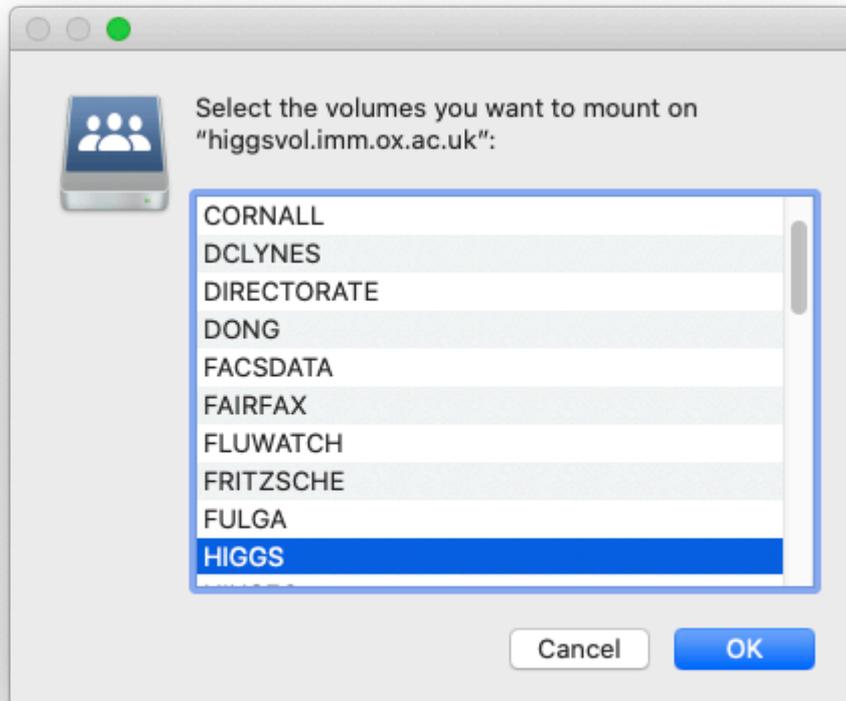
If it is the first time connecting to the server you will see the following screen, click Connect.



Enter your Novell credentials and click Connect. Don't be alarmed if it takes a while. I can take a short while on the Oxford VPN.



Once connected, select the correct volume and click OK.



The volume will then be mounted. When you have finished, unmount the volume then you can disconnect from the VPN.