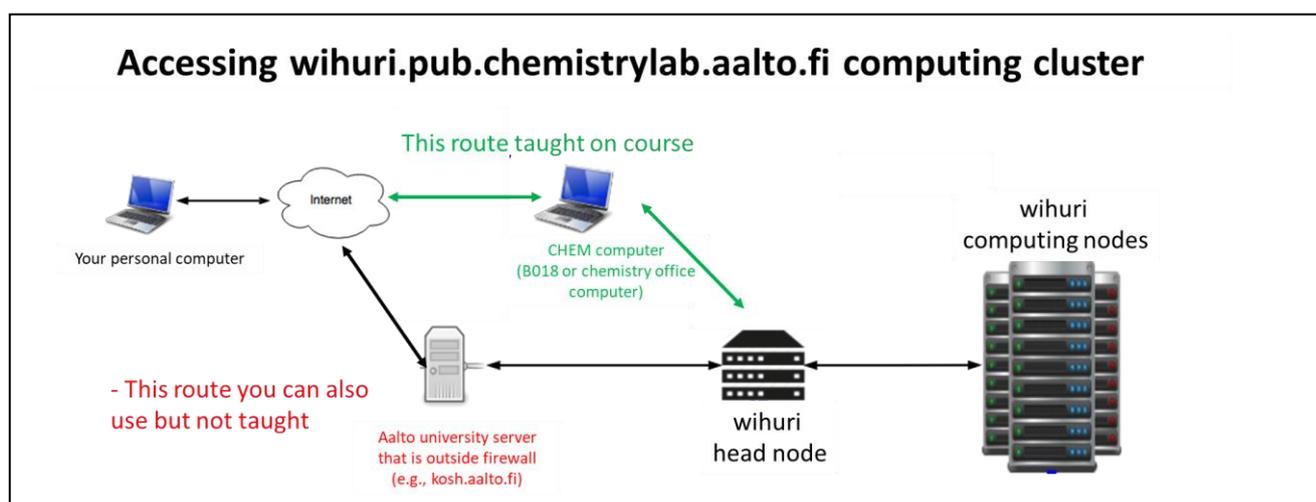


Computer exercise and assignment technical things



To do exercises remotely, you need the following steps

1. mfvadi.aalto.fi (remote access server)

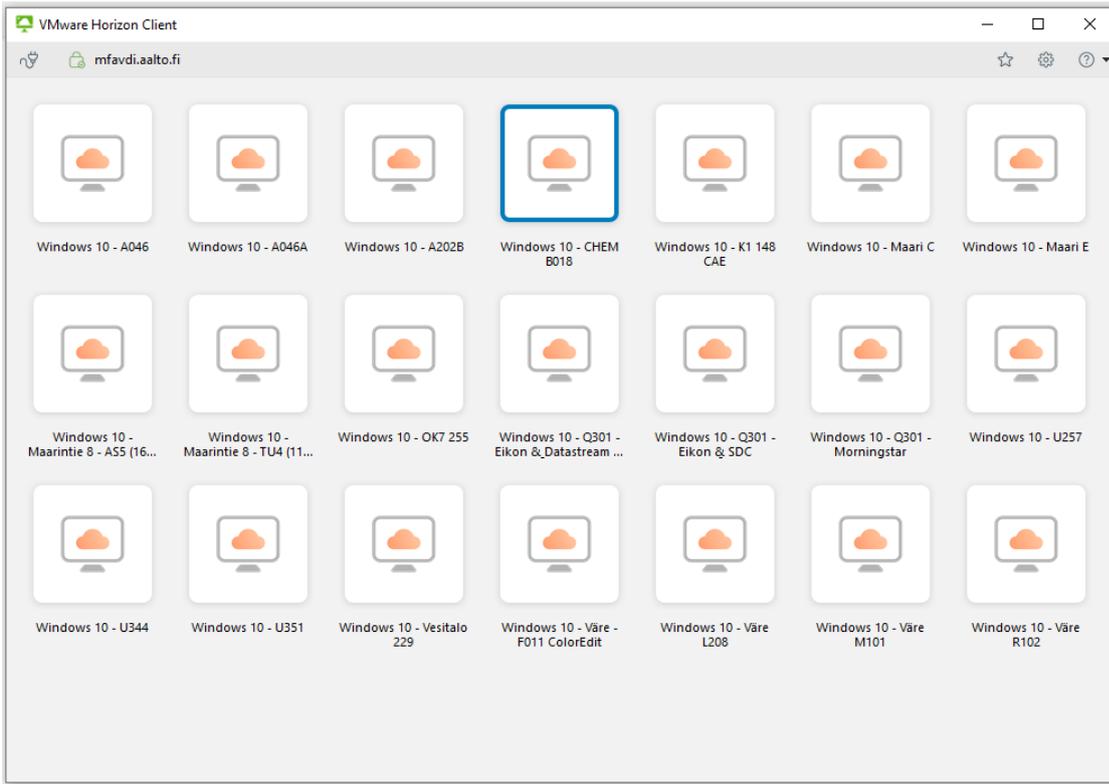
- Install from <https://mfavdi.aalto.fi> VMware Horizon Client according to your operating system to your own computer
- Use client to remote connect to mfvadi.aalto.fi
- **Select mfvadi.aalto.fi as server.** For Microsoft login, use [username]@org.aalto.fi or [email address]@aalto.fi . You need to have MFA set up ([instructions](#) here).
- Select **B018 Windows 10** Computer class and log in with your regular Aalto IT account. Snapshot below.

2. Chemistry computer class B018 (remote access use)

- Xming (run Xlaunch, snapshots of settings below)
- Putty (log into Wihuri with your Wihuri student account, see snapshots for settings)
- Do exercises in Wihuri. Possible to use for example VMD or ChemDraw also in B018 computer. WinSCP to copy files from Wihuri (see snapshots).

3. Wihuri.pub.chemistrylab.aalto.fi (linux cluster computer remote use)

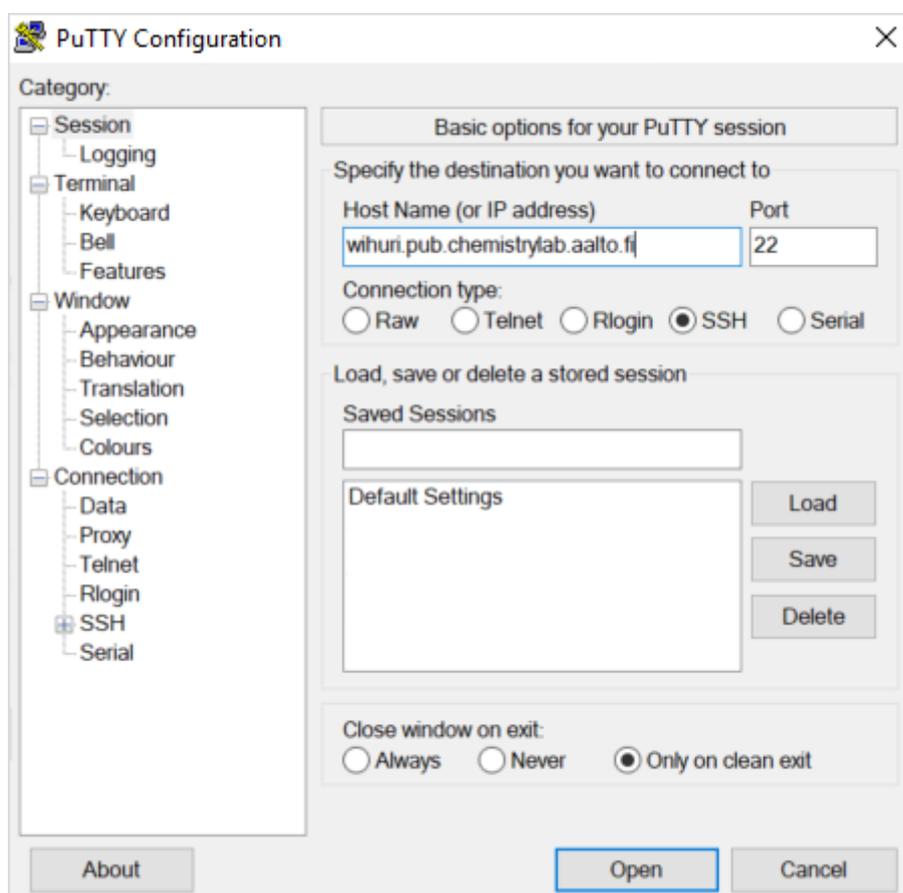
- Do exercises and assignment. If file transfers to standard Aalto IT system are needed, use WinSCP from B018 computer.



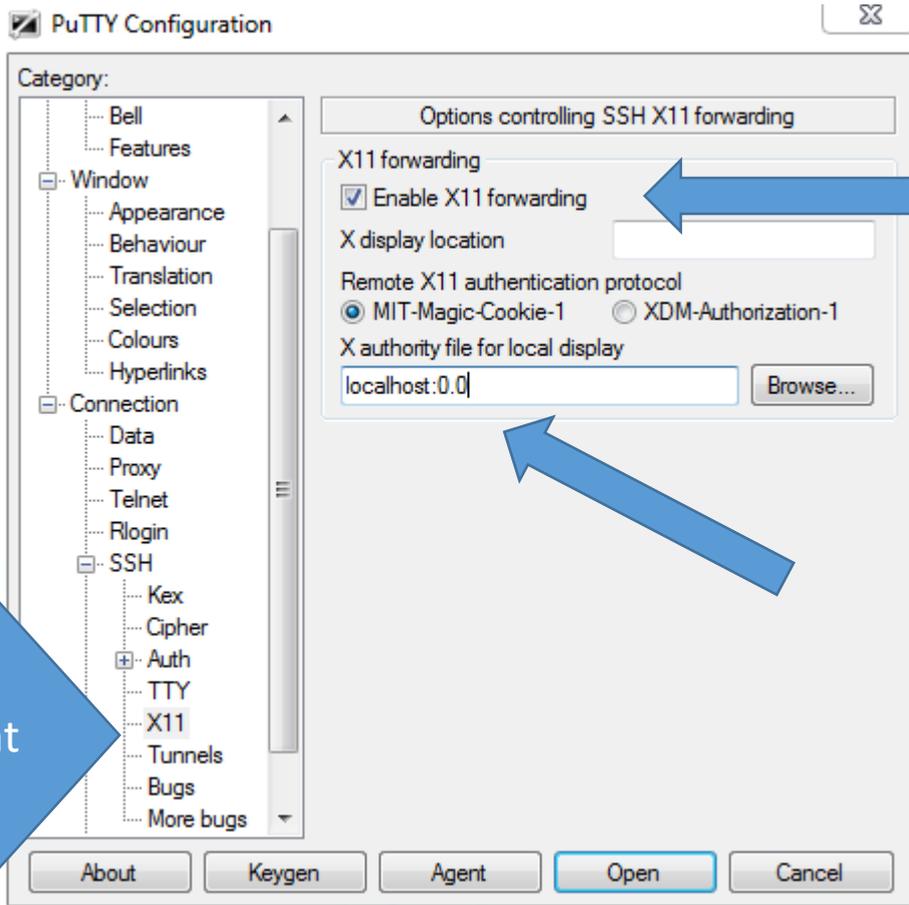
Configuring PuTTY and Xming for running simulations in wihuri.pub.chemistrylab.aalto.fi & transferring files with WinSCP

1. The Windows desktop computer interacts with the linux server through the X-windows system which forwards the display from the server to the desktop computer. Software must be installed on the desktop computer to make this link work. In the Aalto system, this can be done using the PuTTY terminal emulator and the Xming X-window client.
2. To get Xming running, first run the application called 'XLaunch'. The default settings are fine (if your settings are not default, see the end of file for screen shots of functional settings)
3. To open a terminal window to Wihuri, run PuTTY with X11 Forwarding on. See screenshots below for functional settings.
4. To copy files from the Windows desktop computer to Wihuri, use WinSCP. Sample setup snapshots are below.

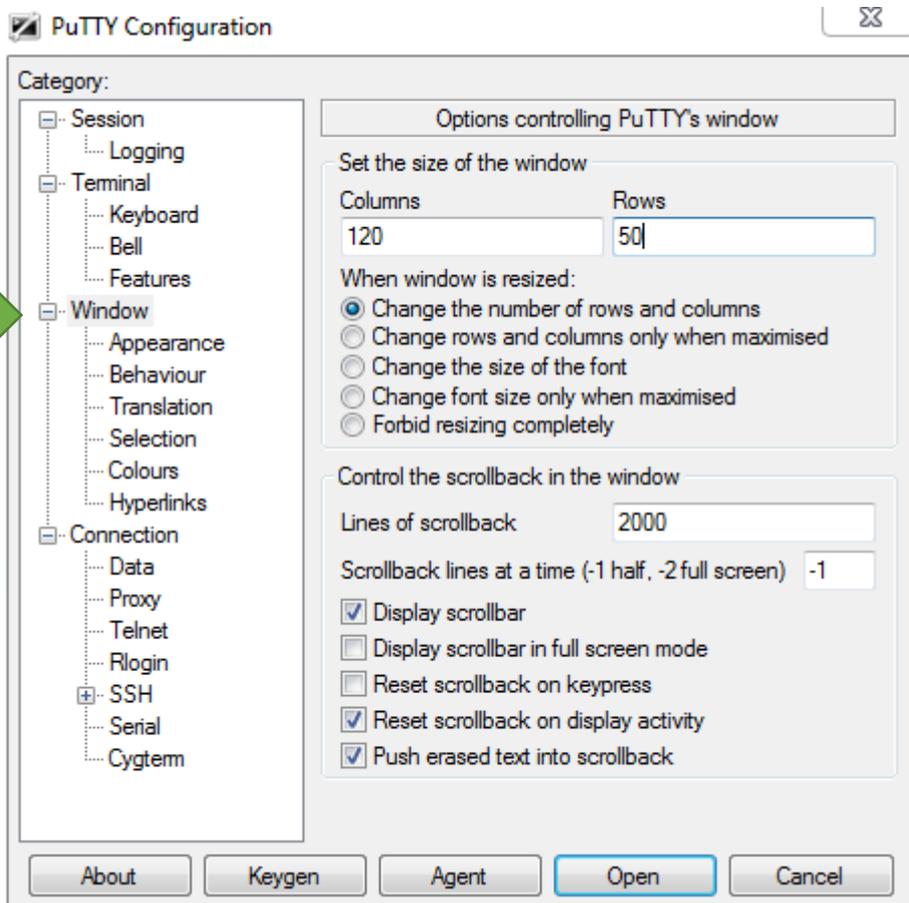
1. Configuring PuTTY



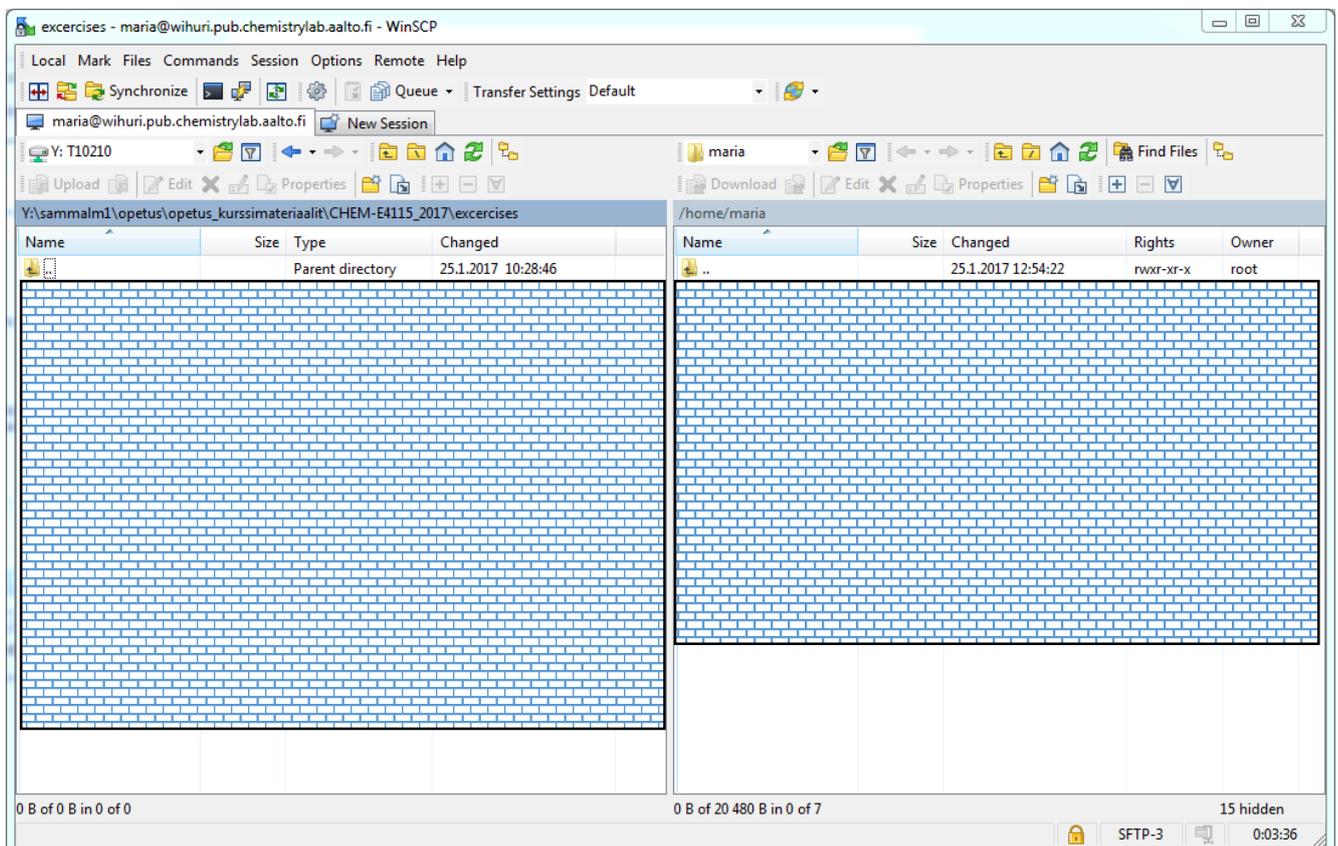
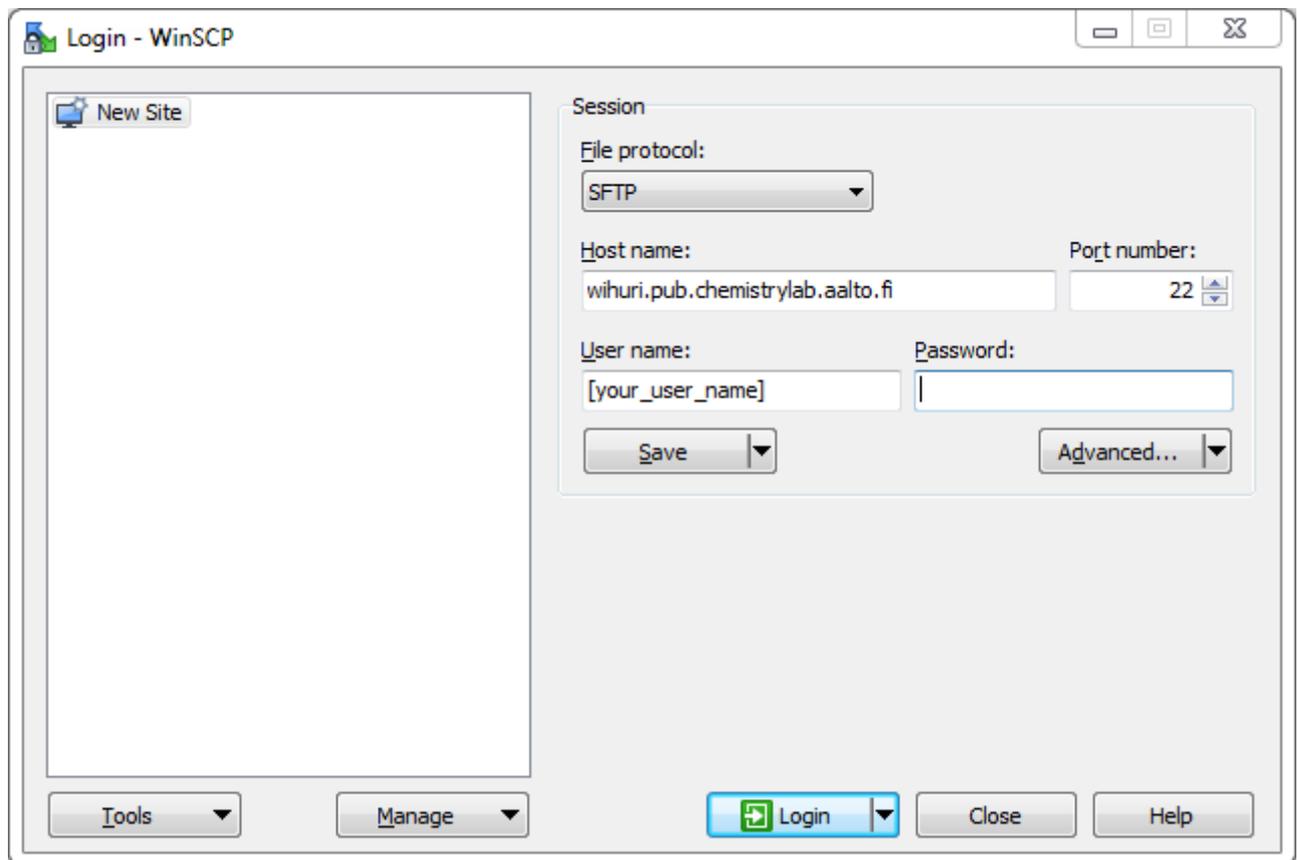
Most important setting



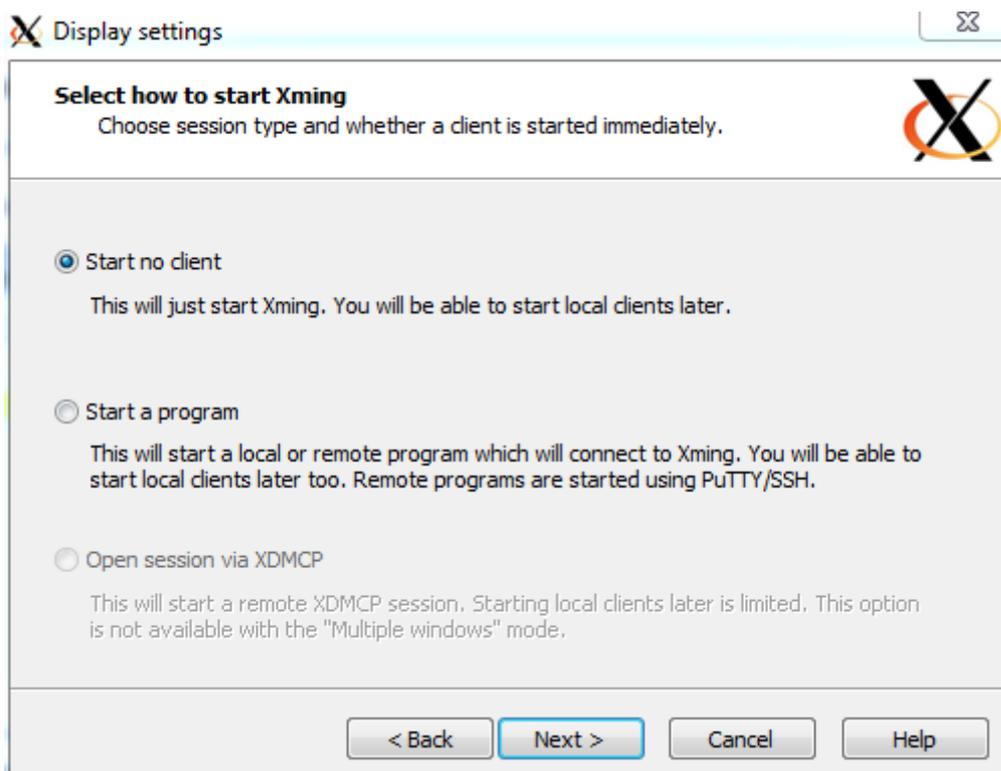
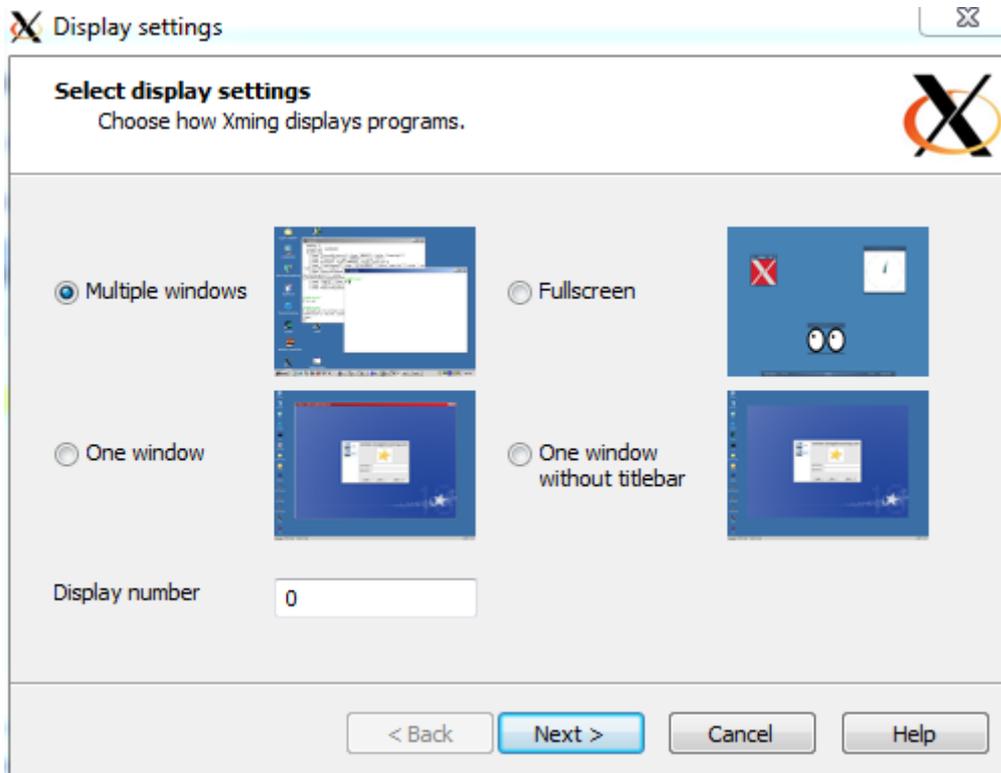
window



2) Configuring WinSCP



3) Configuring Xming (XLaunch)



 Display settings 

Specify parameter settings 
Enter clipboard, remote font server, and all other parameters.

Clipboard No Access Control
Start the integrated clipboard manager Disable Server Access Control

Remote font server (if any)

Additional parameters for Xming

Additional parameters for PuTTY or SSH

 Display settings 

Configuration complete 
Choose whether to save your settings to an XML file.

Click Finish to start Xming.

You may also 'Save configuration' for re-use (run automatically or alter via -load option).

Include PuTTY Password as insecure clear text