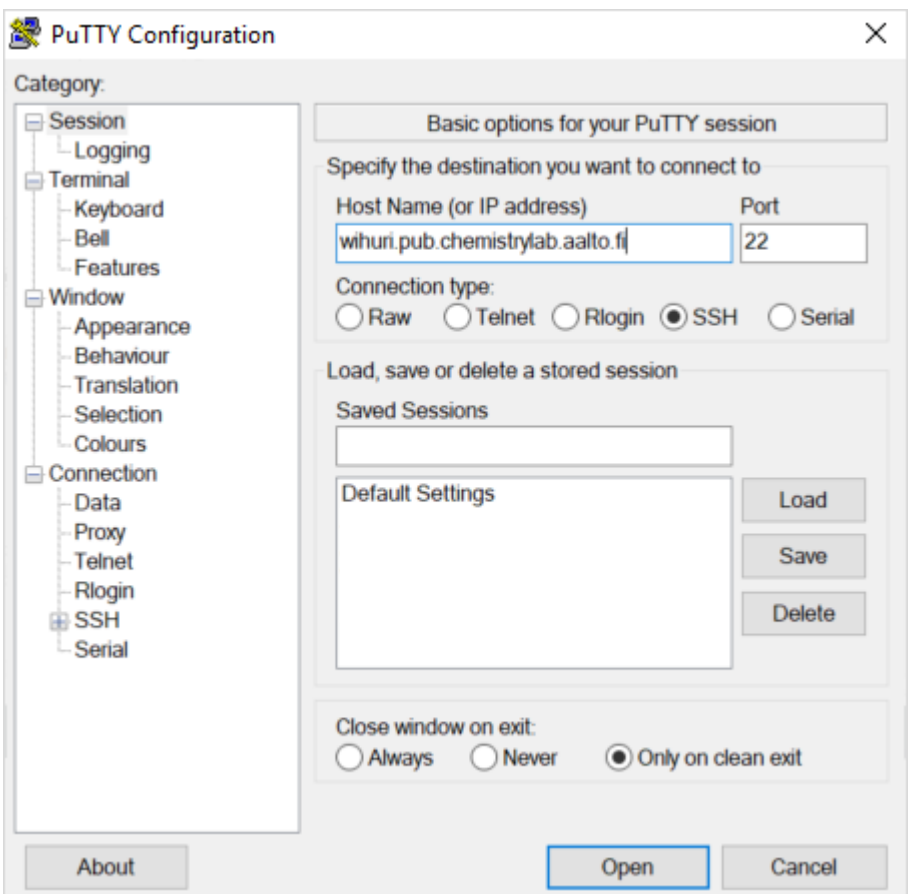
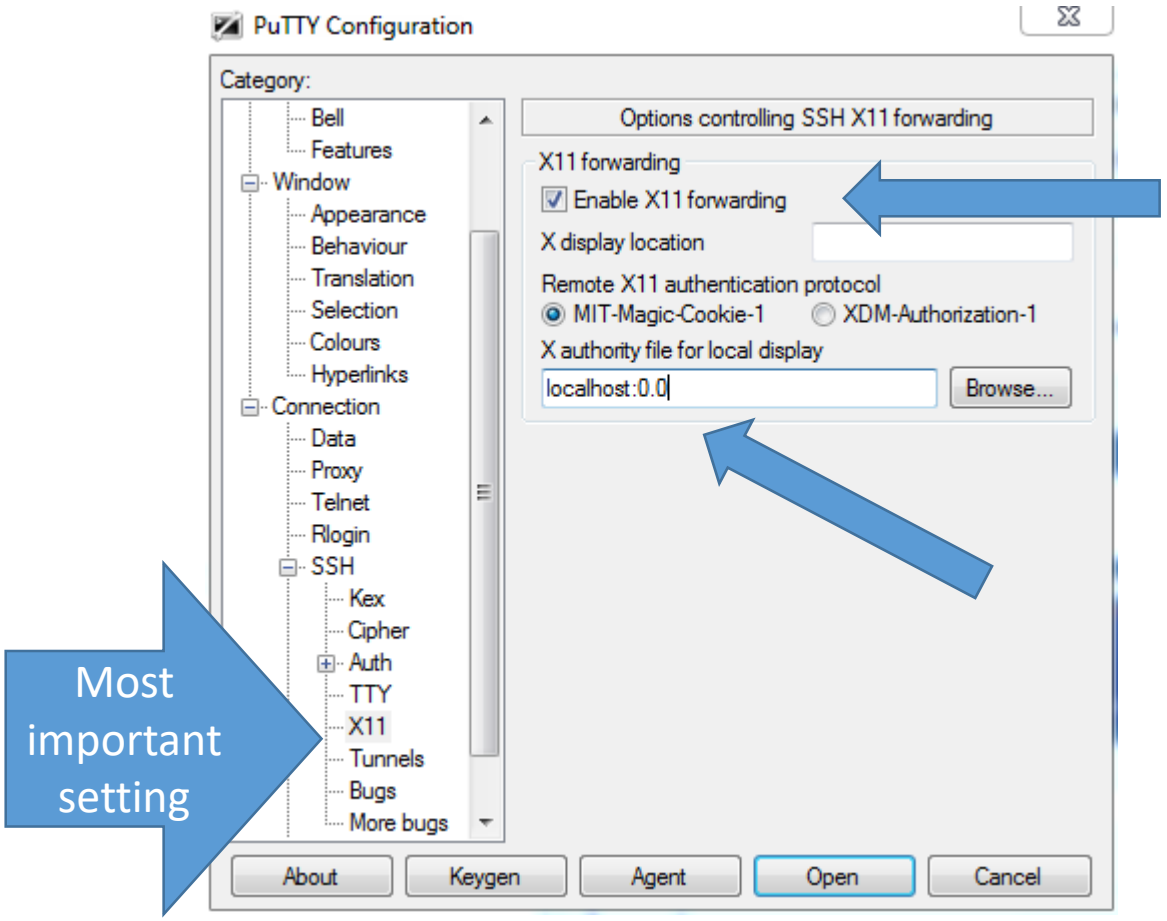
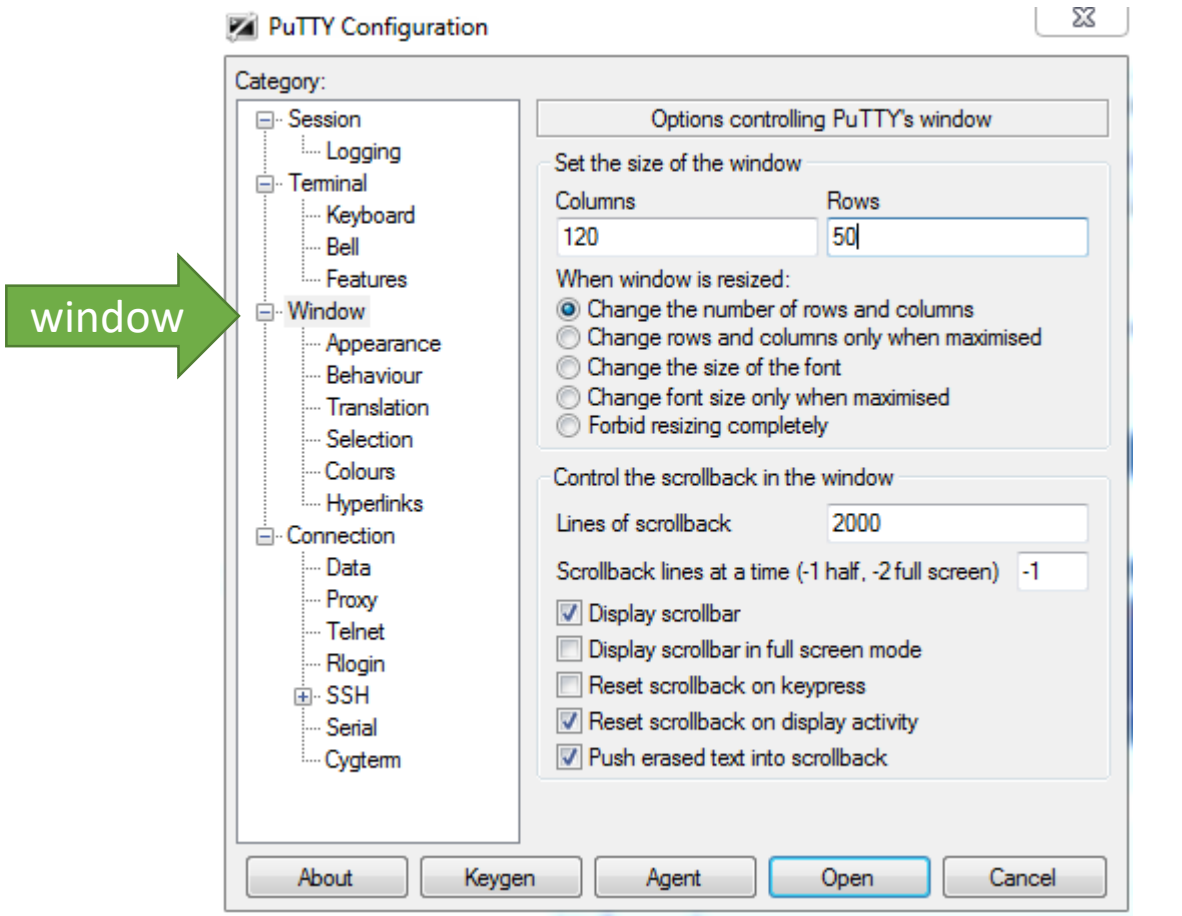
Configuring PuTTy and Xming for running simulations in wihuri.pub.chemistrylab.aalto.fi & transferring files with WinSCP

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.

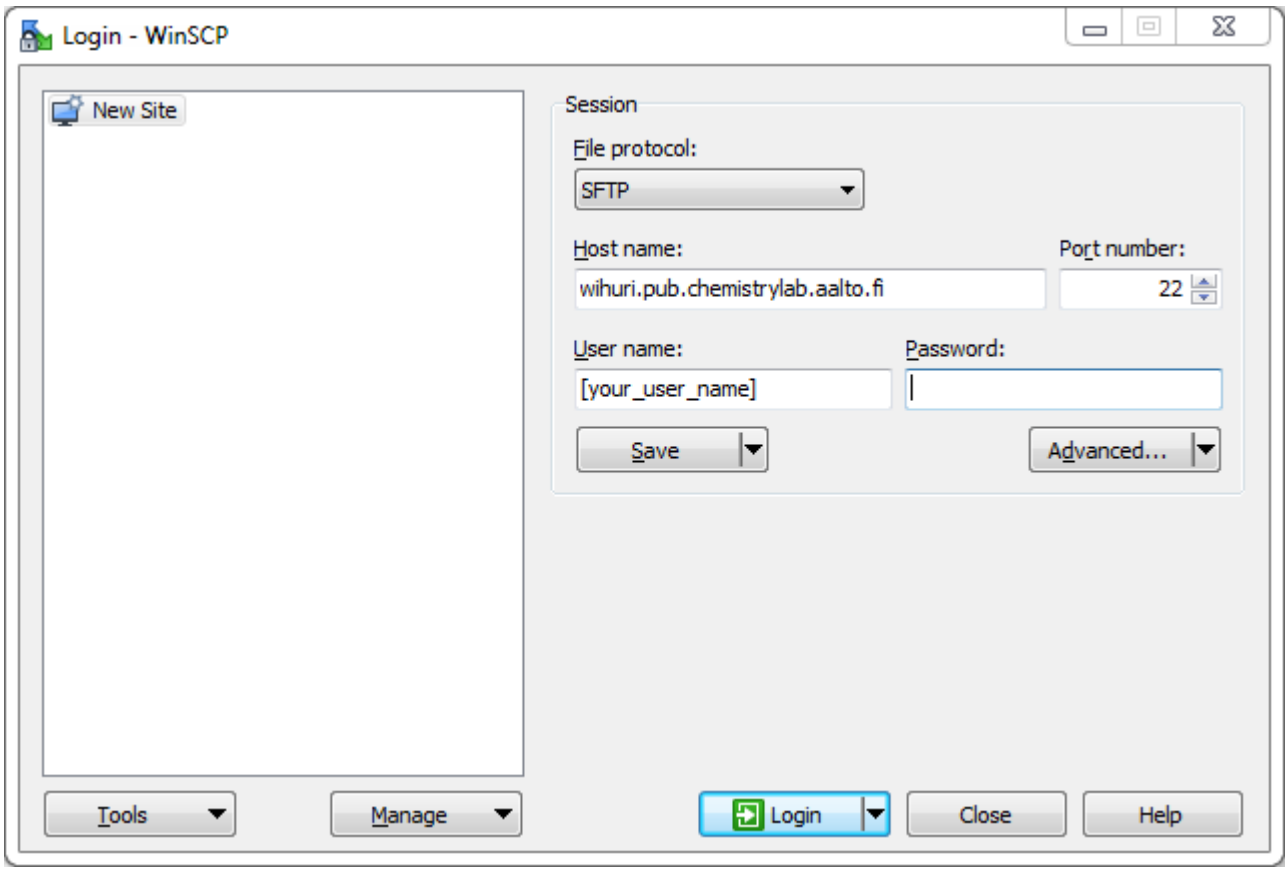
1. Configuring PuTTy

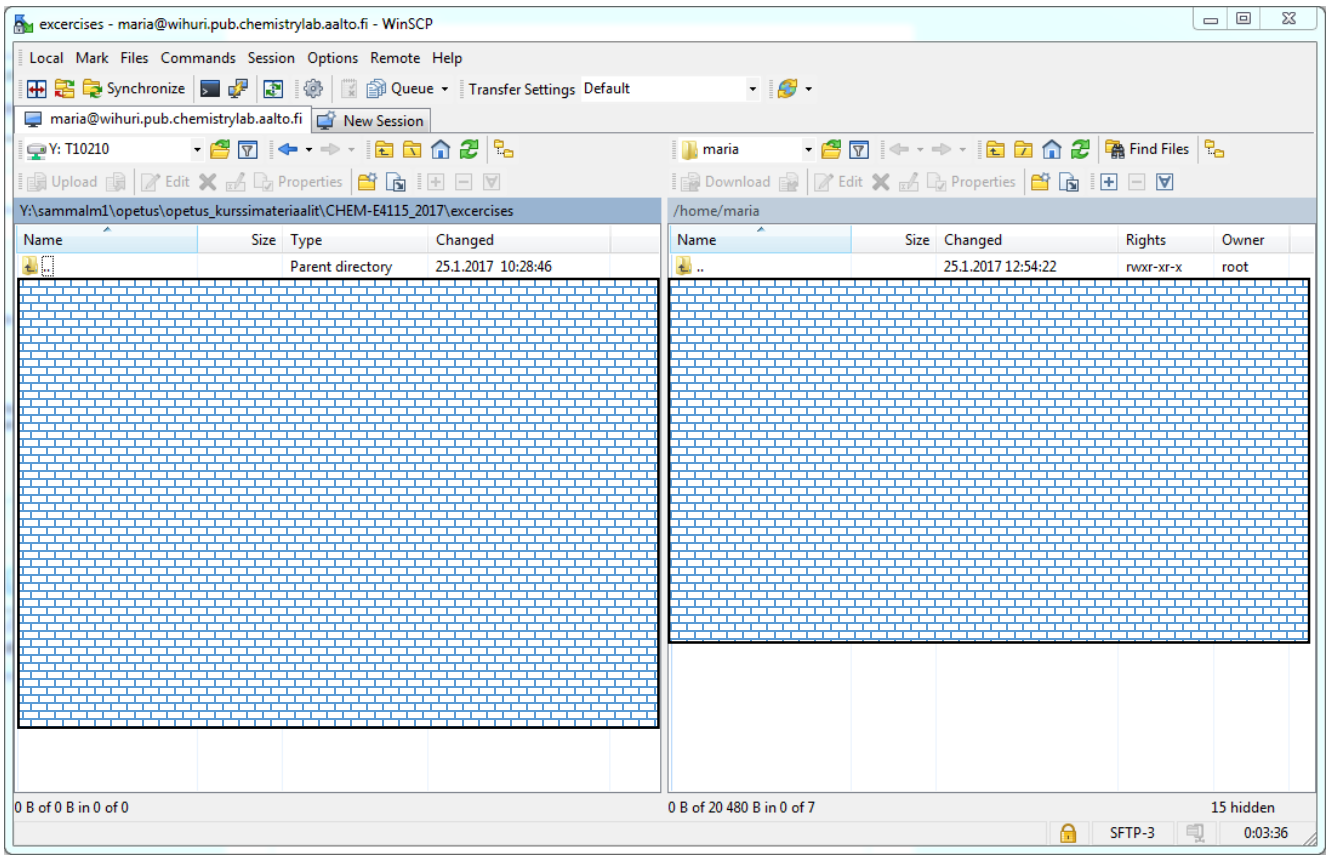



PuTTY Configuration
Category:
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Hyperlinks
Connection
Data
Proxy
Telnet
Rlogin
SSH
Kex
Cipher
Auth
TTY
X11
Tunnels
Bugs
More bugs
Options controlling SSH X11 forwarding
X11 forwarding
Enable X11 forwarding
X display location
Remote X11 authentication protocol
MIT-Magic-Cookie-1
XDM-Authorization-1
X authority file for local display
localhost:0.0
Browse...
About
Keygen
Agent
Open
Cancel
Most important setting

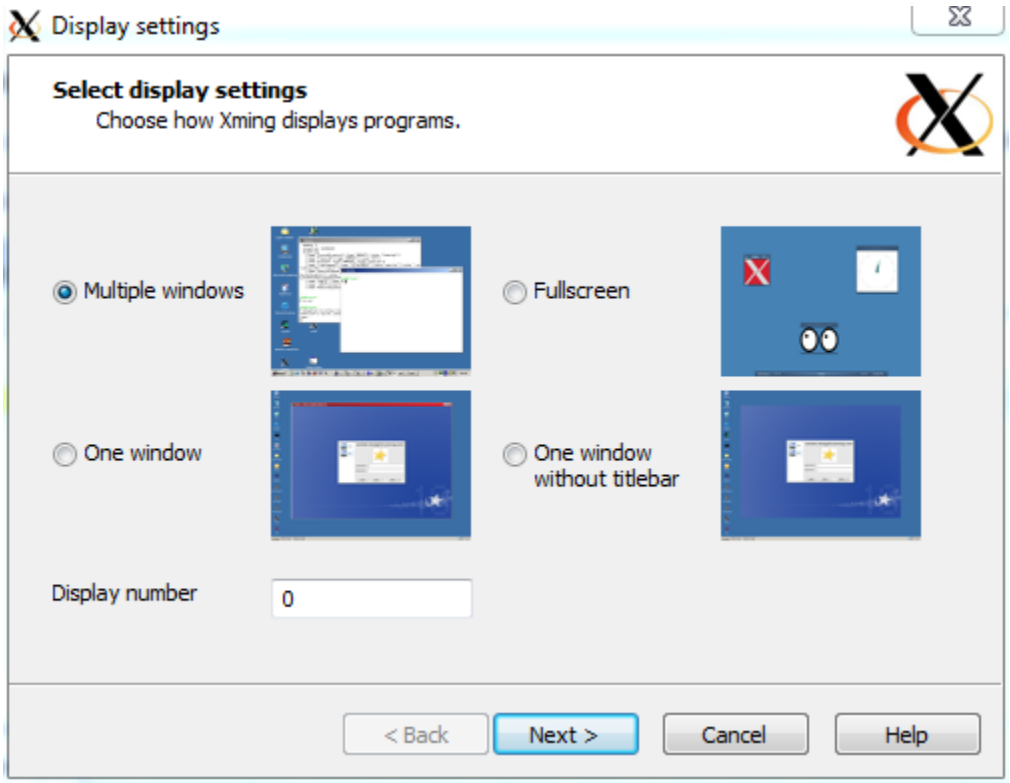

PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Hyperlinks
Connection
Data
Proxy
Telnet
Rlogin
SSH
Serial
Cygterm
Options controlling PuTTY's window
Set the size of the window
Columns
Rows
120
50
When window is resized:
Change the number of rows and columns
Change rows and columns only when maximised
Change the size of the font
Change font size only when maximised
Forbid resizing completely
Control the scrollback in the window
Lines of scrollback
2000
Scrollback lines at a time (-1 half, -2 full screen)
-1
Display scrollbar
Display scrollbar in full screen mode
Reset scrollback on keypress
Reset scrollback on display activity
Push erased text into scrollback
About
Keygen
Agent
Open
Cancel
window

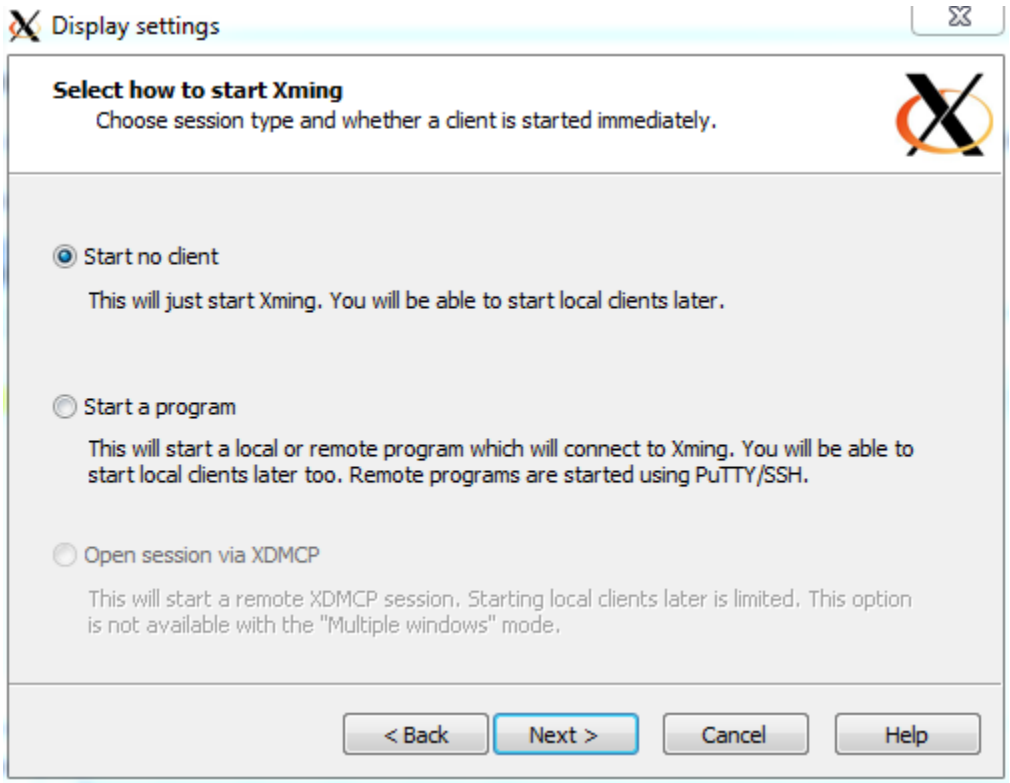
2) Configuring WinSCP

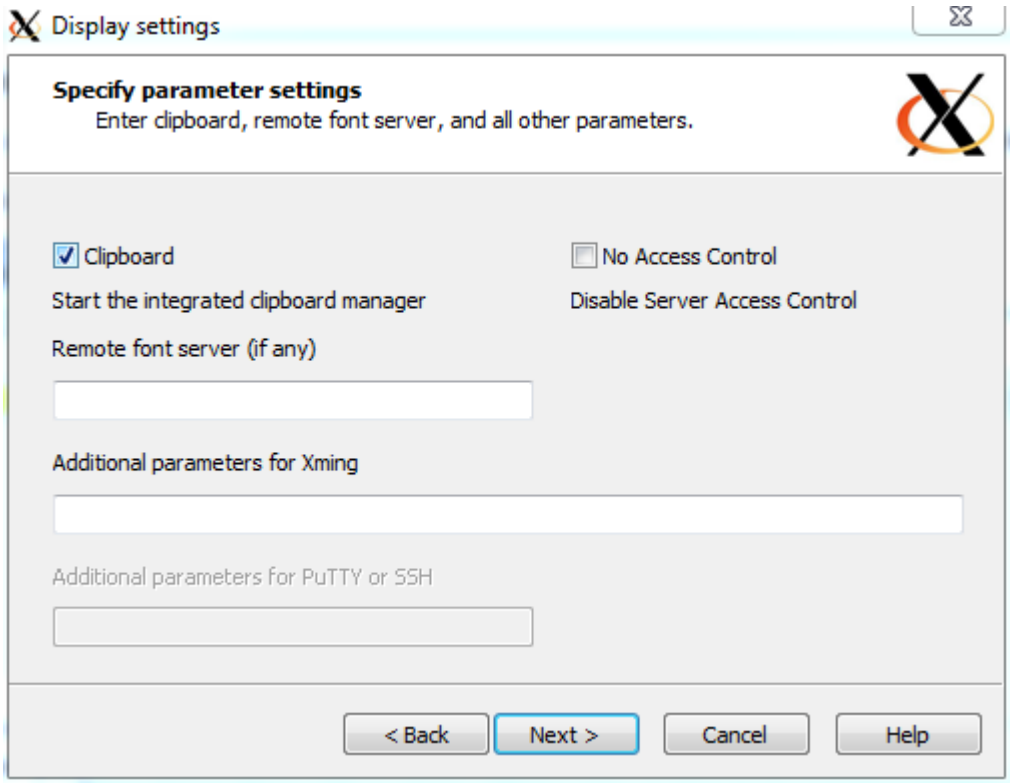


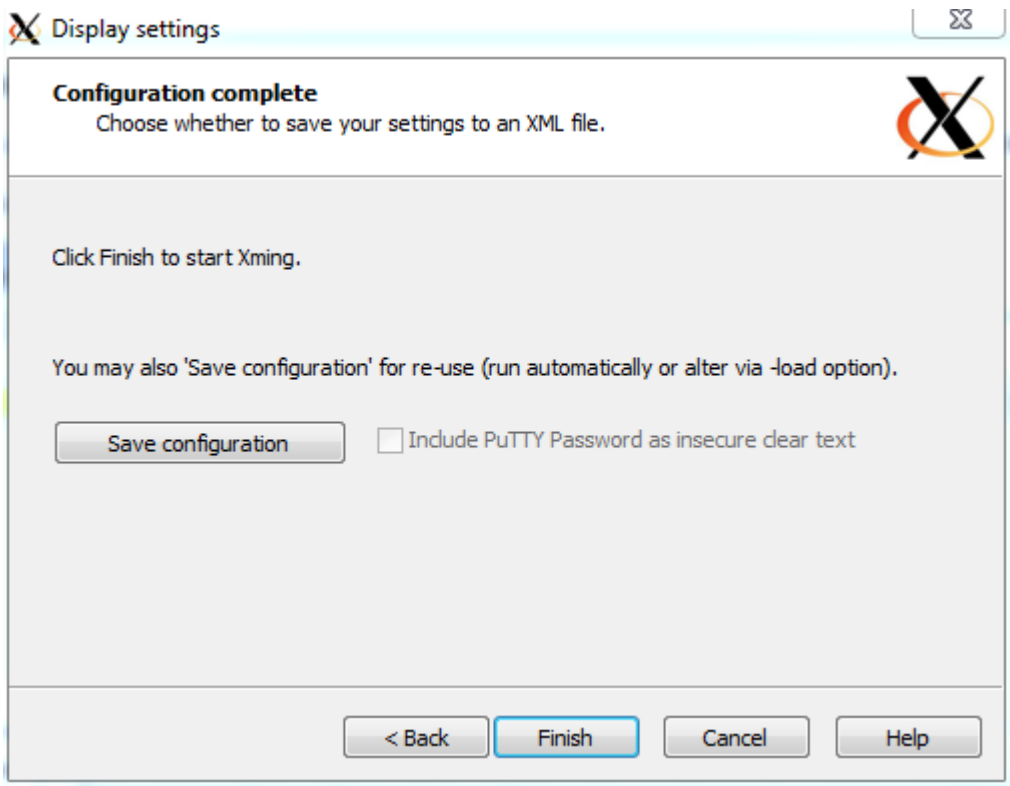


3) Configuring Xming (XLaunch)






Display settings
Specify parameter settings
Enter clipboard, remote font server, and all other parameters.
Clipboard
Start the integrated clipboard manager
No Access Control
Disable Server Access Control
Remote font server (if any)
Additional parameters for Xming
Additional parameters for PuTTY or SSH
< Back
Next >
Cancel
Help


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).
Save configuration
Include PuTTY Password as insecure clear text
< Back
Finish
Cancel
Help