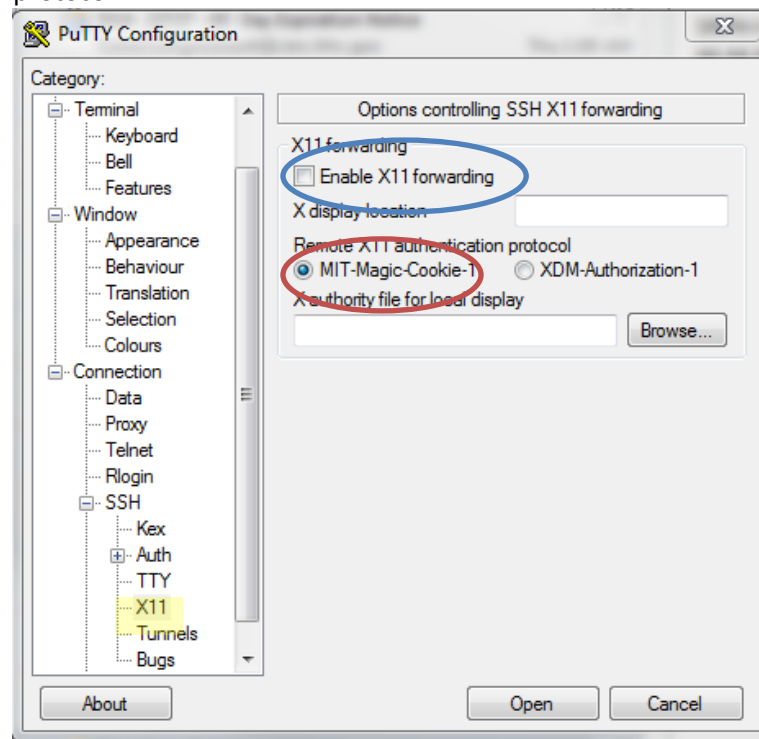


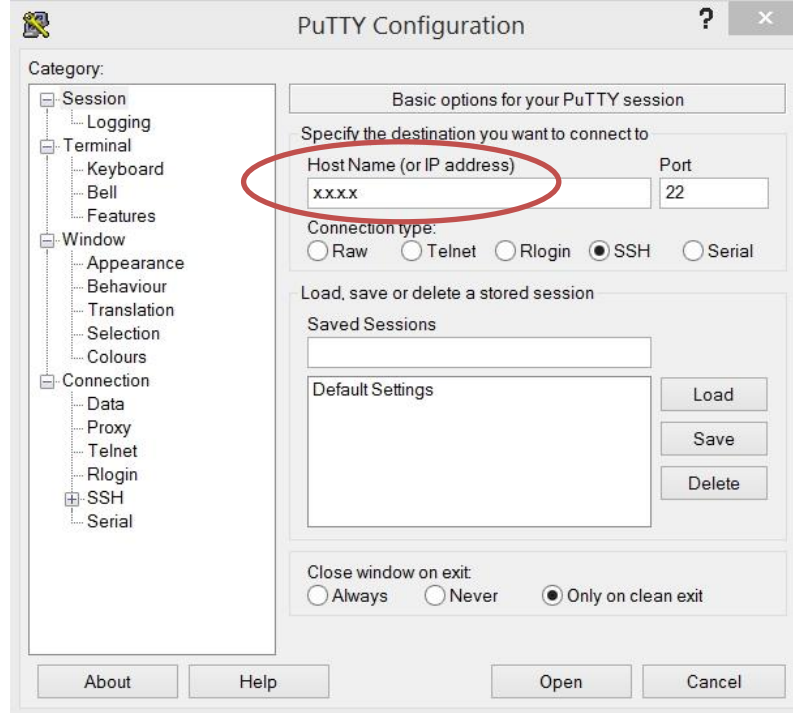
## Connection Setup Guide (PuTTY/WinSCP/Xming) v1.0

1. Establish VPN connection first, if you are accessing the server from off-campus
  - a. GoTo <https://helpdesk.tamhsc.edu/windows-anyconnect-vpn/>
2. PuTTY Setup
  - a. Open PuTTY
  - b. When it asks if you want to run due to unverified publisher, left click on RUN
  - c. The **first time** into PuTTY, in the left hand window scroll down to Connection and expand the SSH marker
    - i. Left click on X11
    - ii. Select the MIT-Magic-Cookie-1 radio button under remote X11 authentication protocol



- iii. Also, click on X11 forwarding, if using Xming (in blue circle above).
- iv. In left hand window, scroll to the top and left click on Session

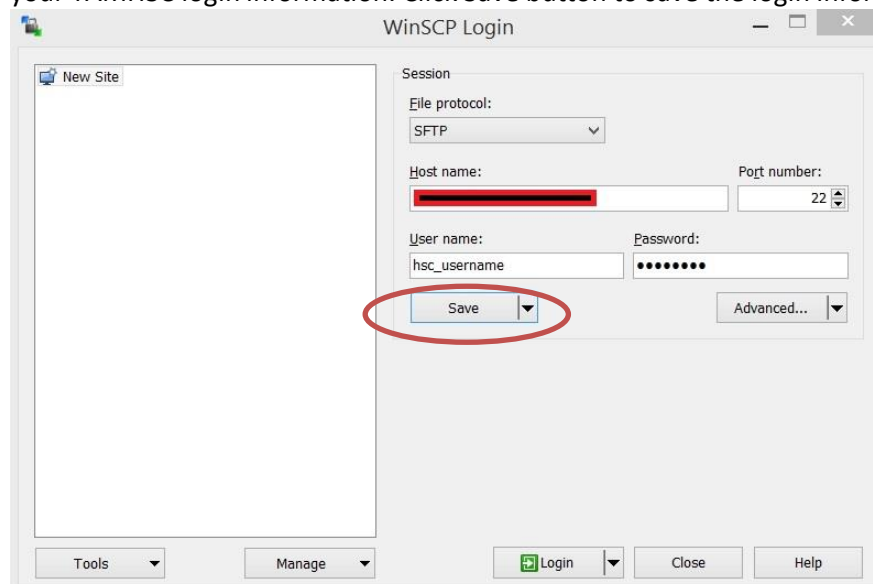
- d. In the Host name box enter IP address x.x.x.x. (For HPM server ip address info, refer to Using the Server page on <http://research.tamhsc.edu/pinformatix> )



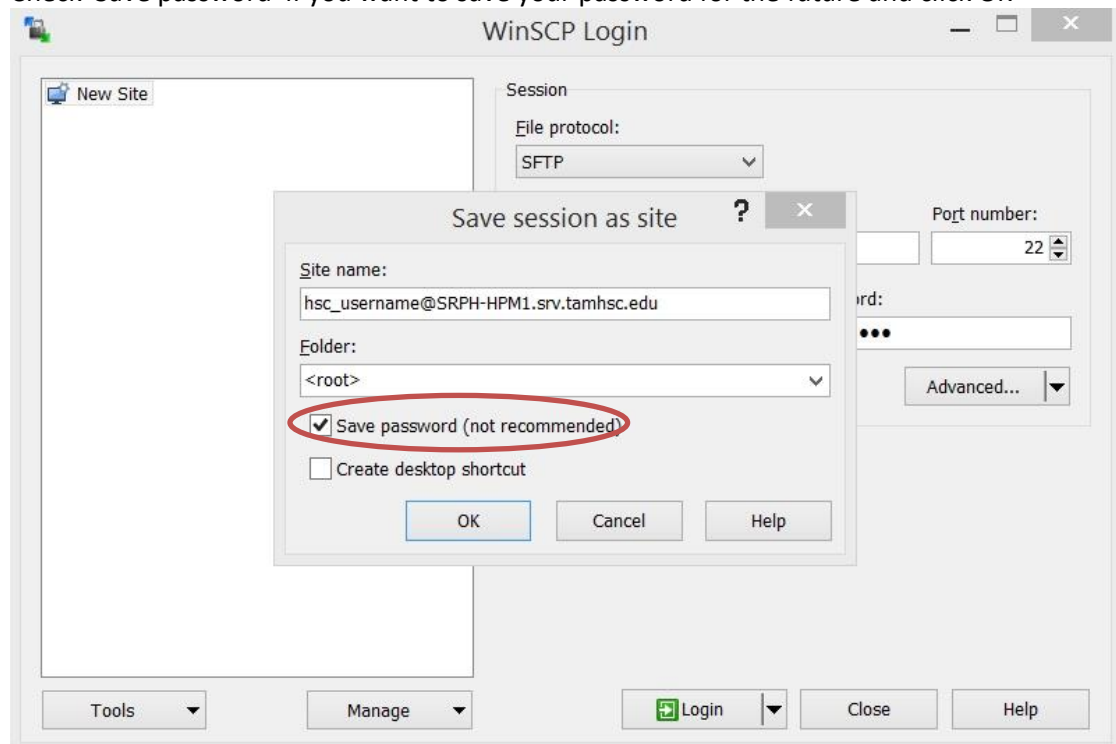
- e. Left-click on the open button  
f. You may receive a message that asks if you trust the connection, select yes  
g. Logon using your TAMHSC id and password

### 3. WinSCP Setup

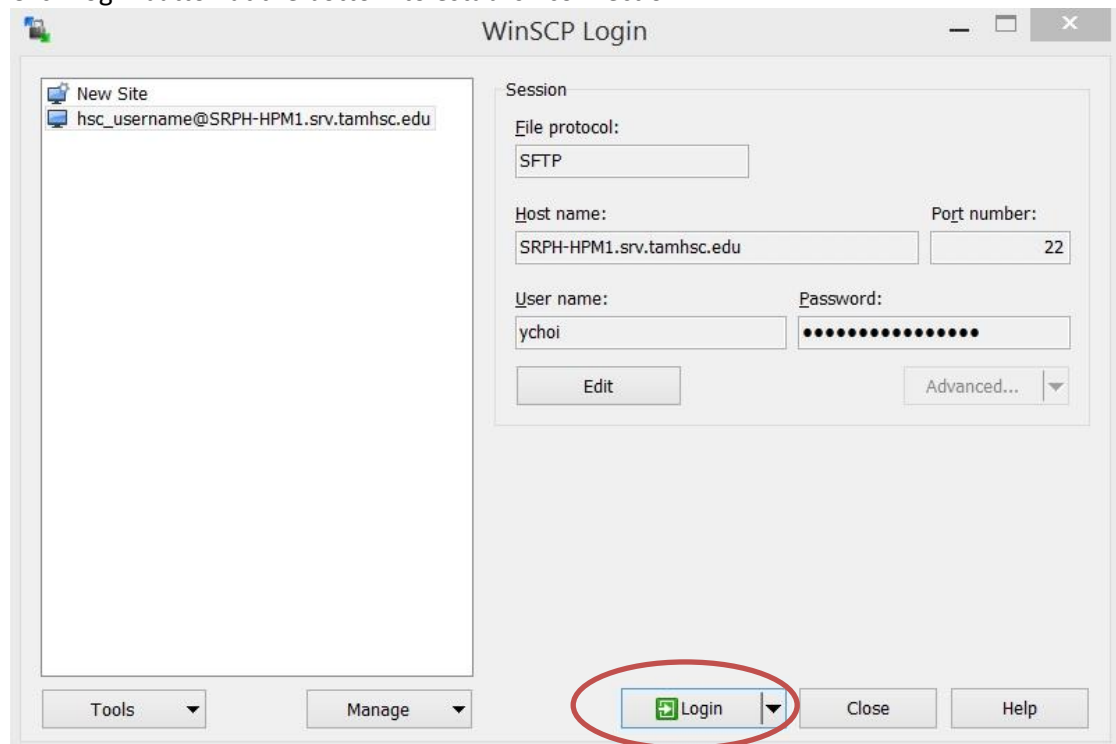
- a. Open WinSCP  
b. Under the Host name, enter server name or ip address (For HPM server ip address info, refer to Using the Server page on <http://research.tamhsc.edu/pinformatix>) and enter your TAMHSC login information. Click Save button to save the login information.



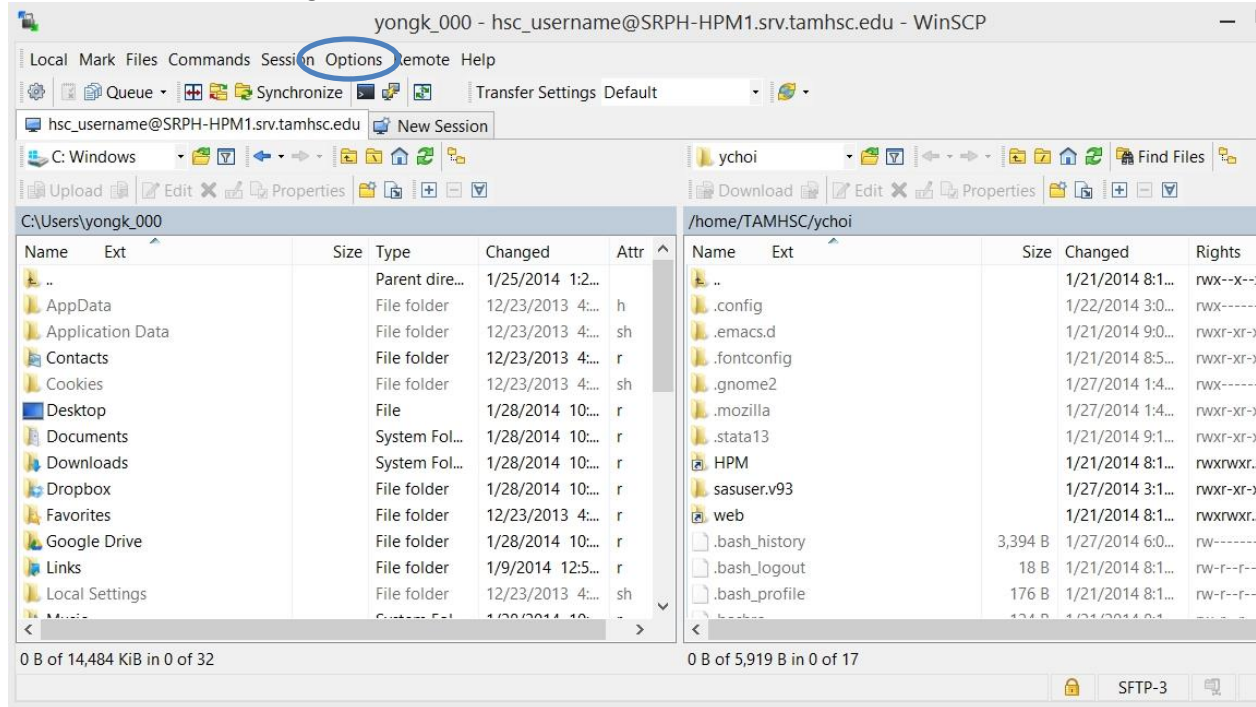
- c. Check 'Save password' if you want to save your password for the future and click OK



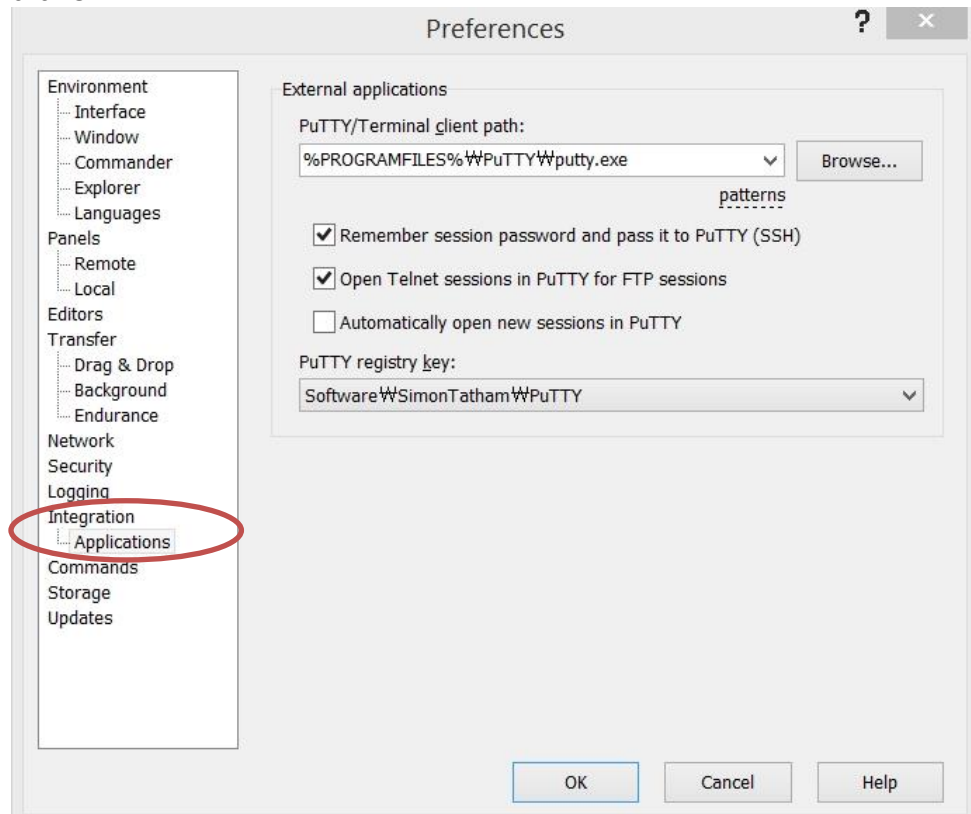
- d. Click Login button at the bottom to establish connection



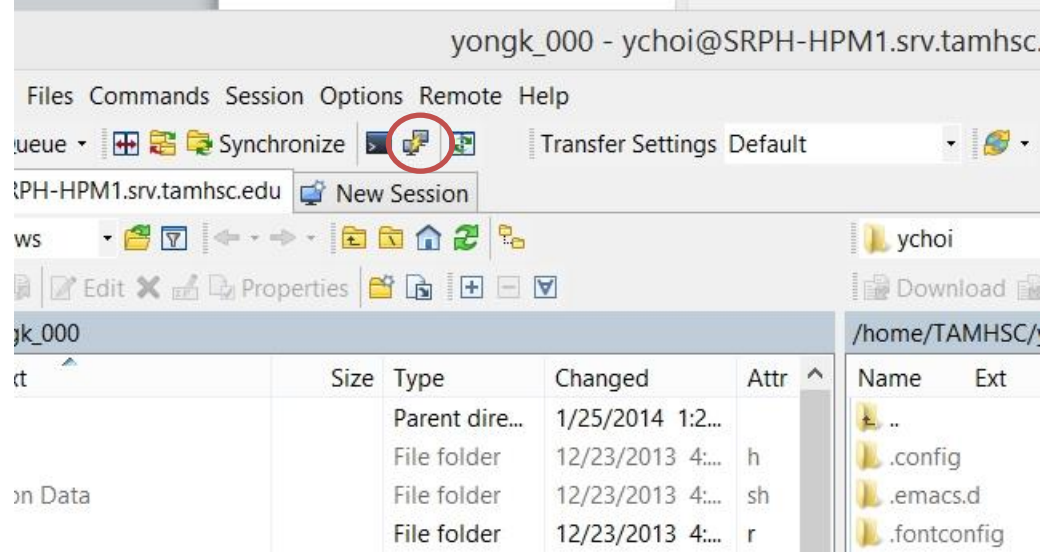
- e. You should see something similar to this



- f. Open up Preferences dialog by going to Options > Preferences on the main menu  
i. Select Applications Integration page and verify that the settings are as follows and click OK

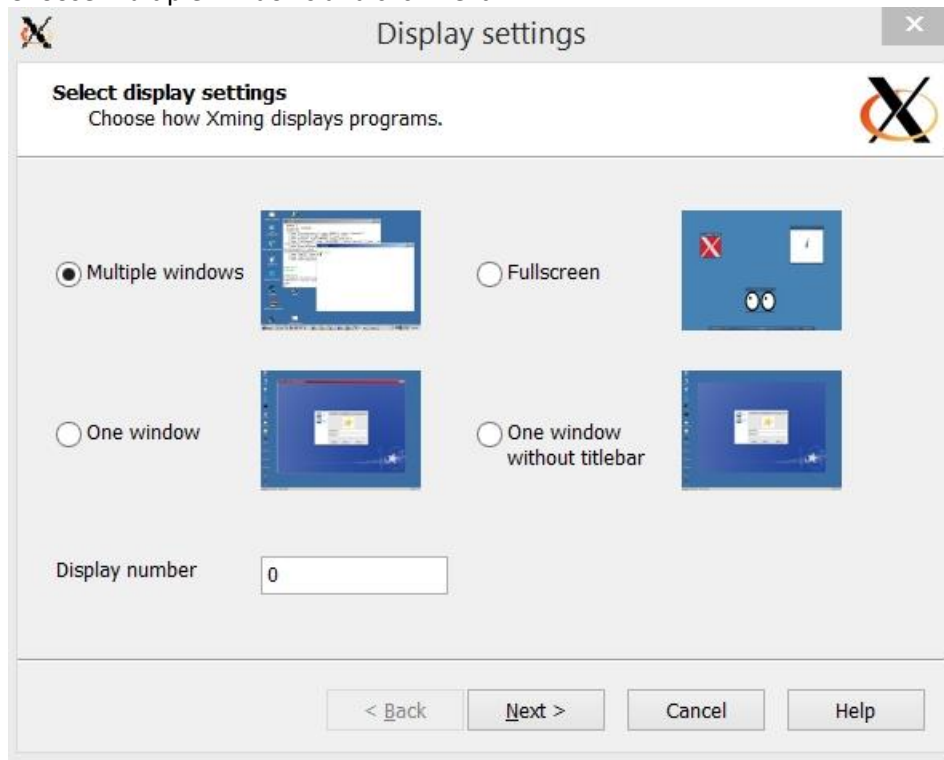


- ii. You are now able to open up SSH connection by clicking the following icon (red circle below) or by keyboard shortcut (Ctrl+P)

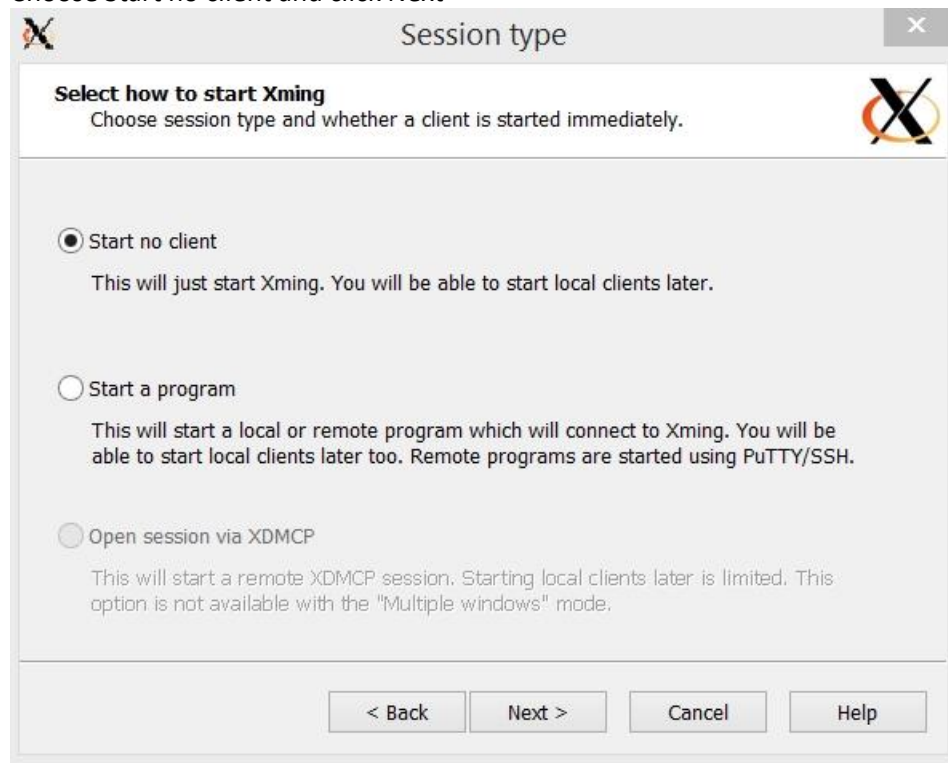


#### 4. Xming Setup

- If running for the **first time**, Open XLaunch from Programs > Xming menu
- Choose Multiple windows and click Next



- c. Choose Start no client and click Next



The dialog box is titled "Session type" and features the Xming logo in the top left and right corners. The main heading is "Select how to start Xming" with a subtitle "Choose session type and whether a client is started immediately." There are three radio button options: "Start no client" (selected), "Start a program", and "Open session via XDMCP". Each option has a descriptive text block below it. At the bottom, there are four buttons: "< Back", "Next >", "Cancel", and "Help".

**Session type**

**Select how to start Xming**  
Choose session type and whether a client is started immediately.

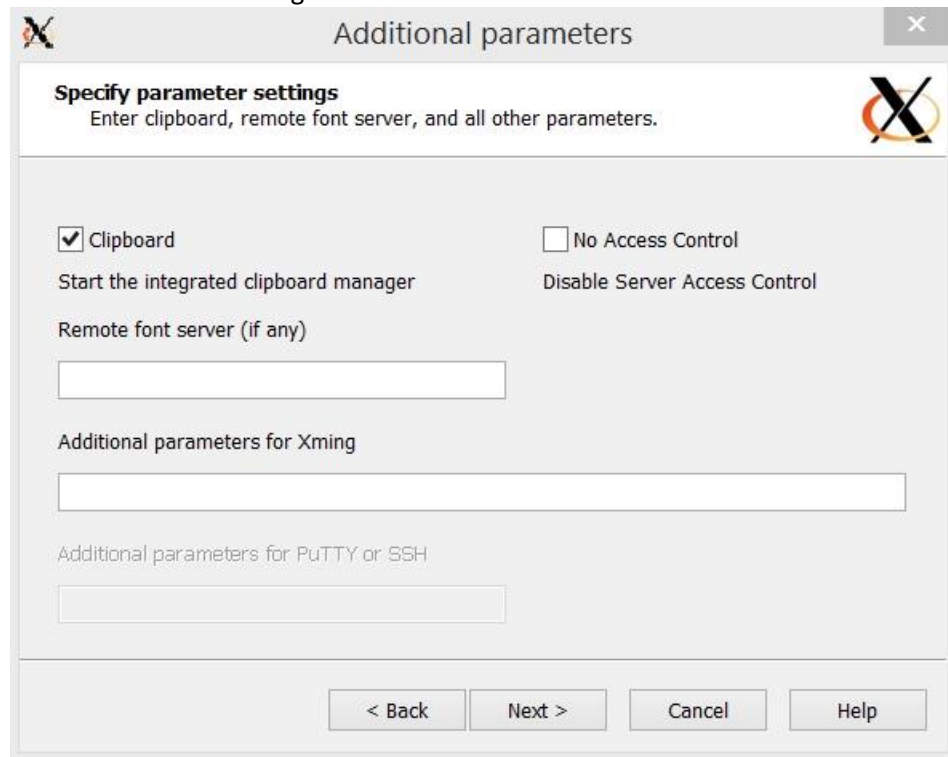
☒ **Start no client**  
This will just start Xming. You will be able to start local clients later.

☐ **Start a program**  
This will start a local or remote program which will connect to Xming. You will be able to start local clients later too. Remote programs are started using PuTTY/SSH.

☐ **Open session via XDMCP**  
This will start a remote XDMCP session. Starting local clients later is limited. This option is not available with the "Multiple windows" mode.

< Back   Next >   Cancel   Help

- d. Leave the default setting and Click Next



The dialog box is titled "Additional parameters" and features the Xming logo in the top left and right corners. The main heading is "Specify parameter settings" with a subtitle "Enter clipboard, remote font server, and all other parameters." It contains several settings: a checked checkbox for "Clipboard" with the description "Start the integrated clipboard manager", an unchecked checkbox for "No Access Control" with the description "Disable Server Access Control", a text field for "Remote font server (if any)", a text field for "Additional parameters for Xming", and a text field for "Additional parameters for PuTTY or SSH". At the bottom, there are four buttons: "< Back", "Next >", "Cancel", and "Help".

**Additional parameters**

**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

- e. Click Finish to complete configuration and launch Xming. For next time, you can skip XLaunch and directly open Xming.

