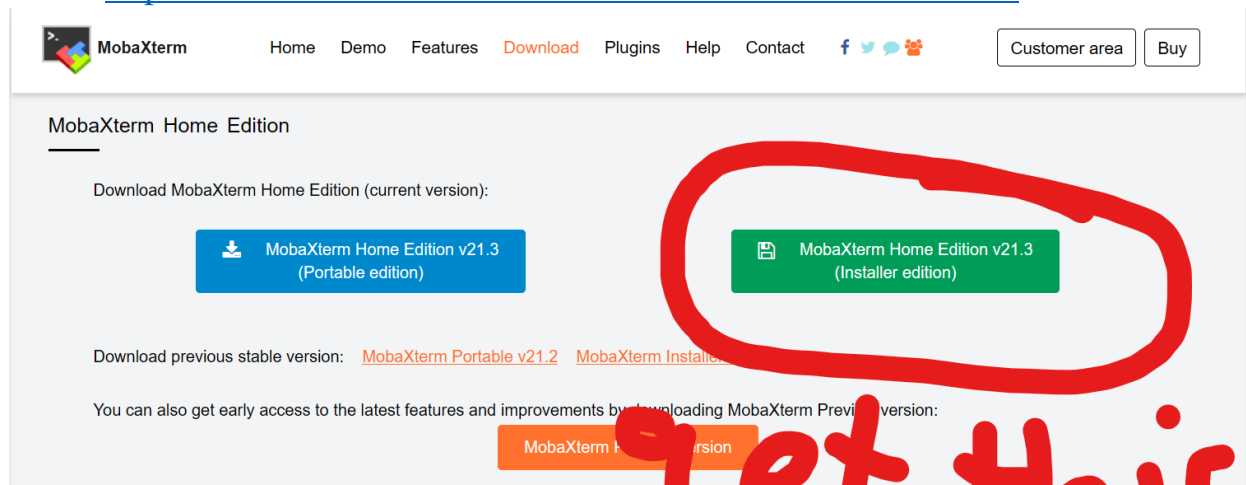


# MobaXterm Remote Connection Tutorial (Windows)

This tutorial shows you how to connect to linux lab machines using MobaXterm

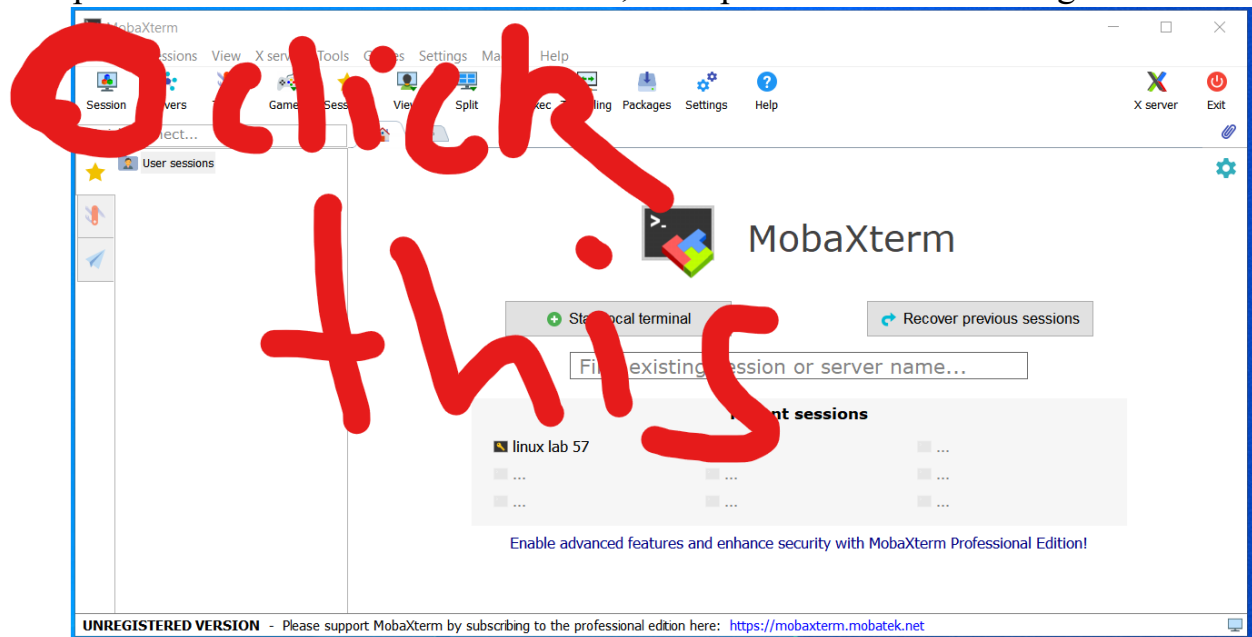
1. Download MobaXterm here:

<https://mobaxterm.mobatek.net/download-home-edition.html>



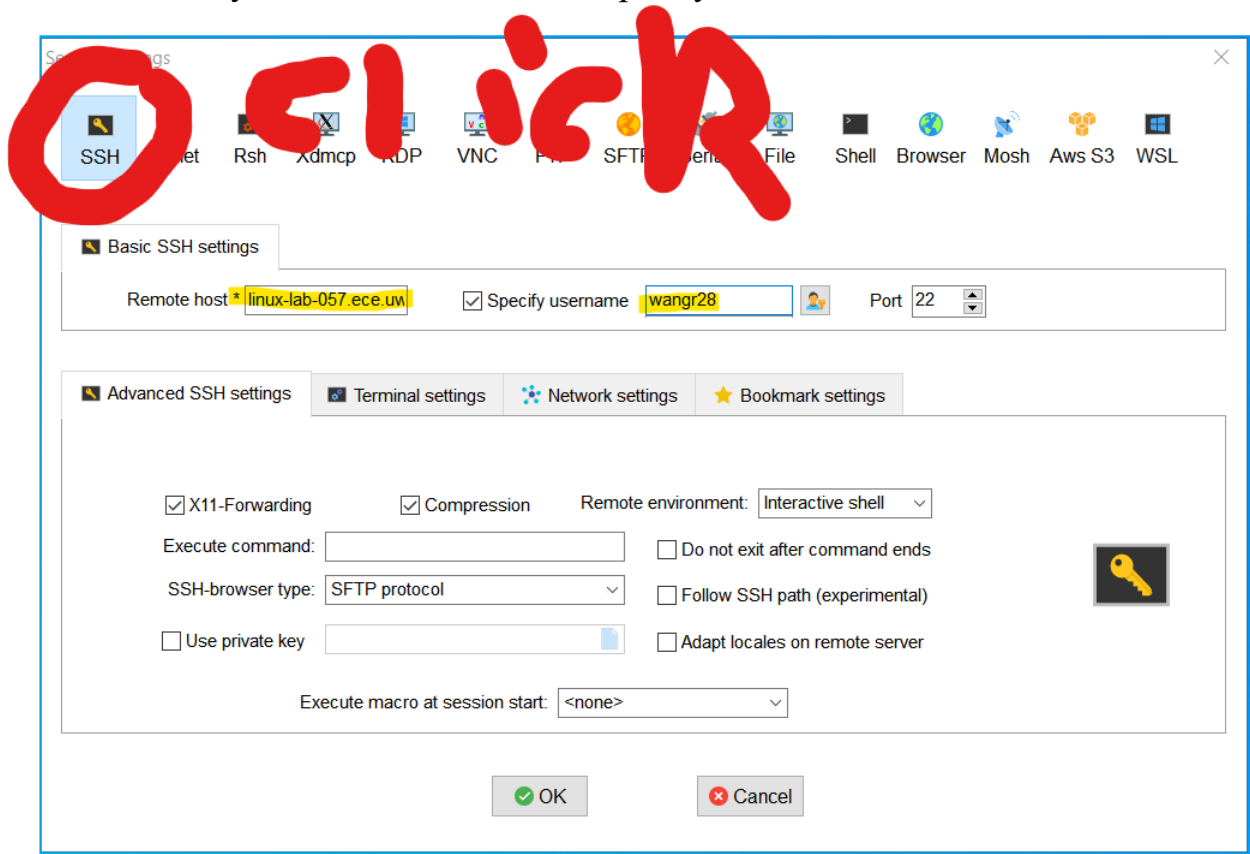
get this one

2. Open MobaXterm and click “Session”, this opens the Session settings window

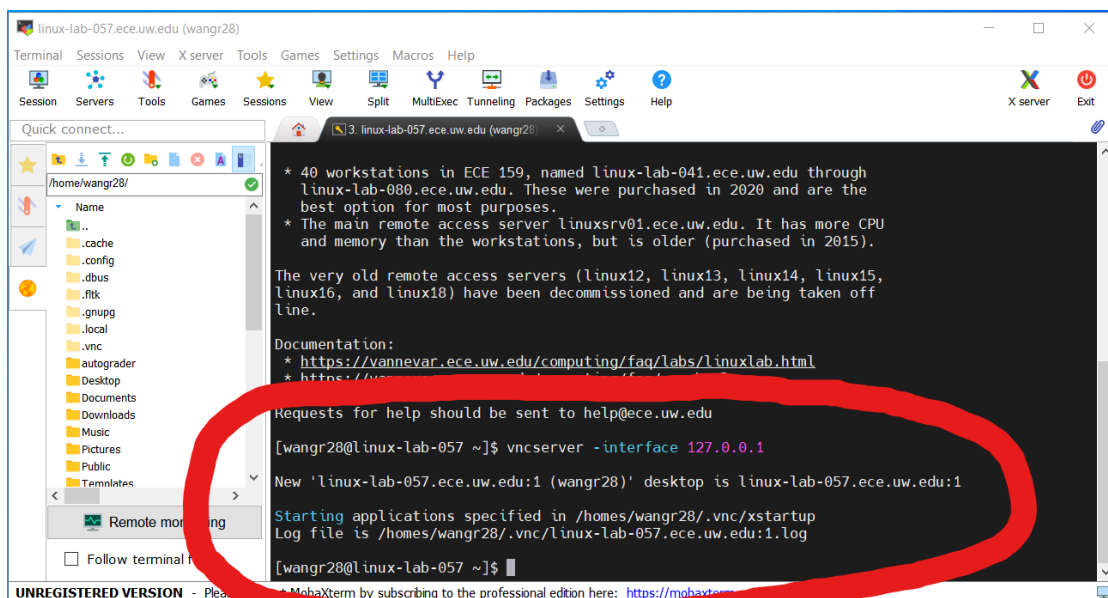


click this

3. In the Session settings window click SSH
  - a. Enter a linux lab computer for “Remote host” (linux-lab-057.ece.uw.edu).
  - b. Enter your UW netID for the “Specify username”.



4. Now a terminal connected to the linux lab machine will show up. Enter the command “vncserver -interface 127.0.0.1” to start a vnc session.

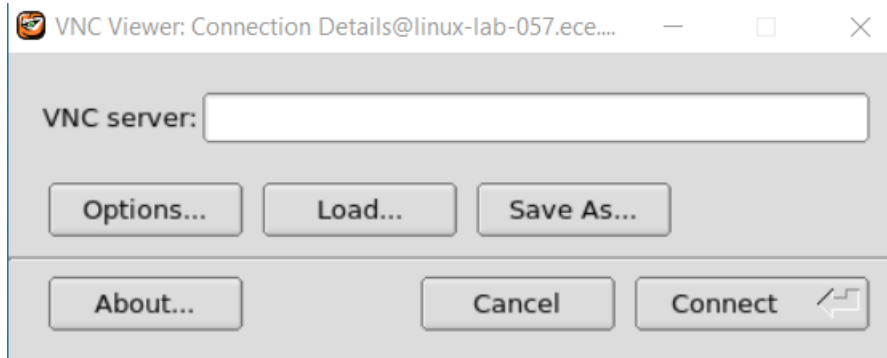


5. Enter the command “vncserver -list” to see your active VNC sessions. You should see at least 1 display. **My display is numbered “:1”.**

```
[wangr28@linux-lab-057 ~]$ vncserver -list  
  
TigerVNC server sessions:  
  
X DISPLAY #      PROCESS ID  
:1           5049  
[wangr28@linux-lab-057 ~]$
```

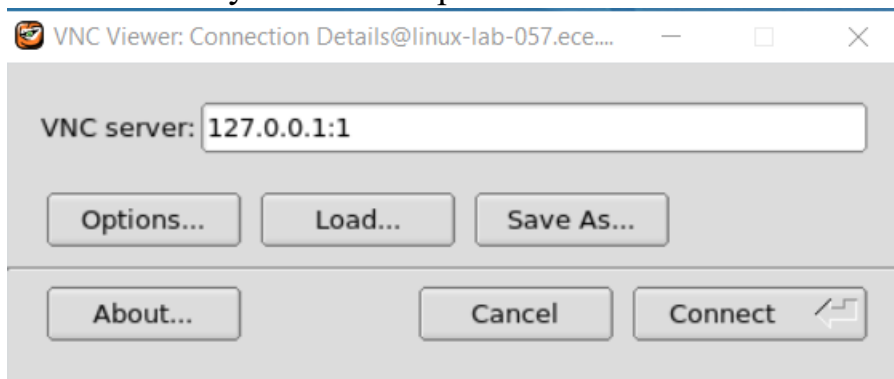
6. Enter the command “vncviewer”. This brings up the VNC viewer window.

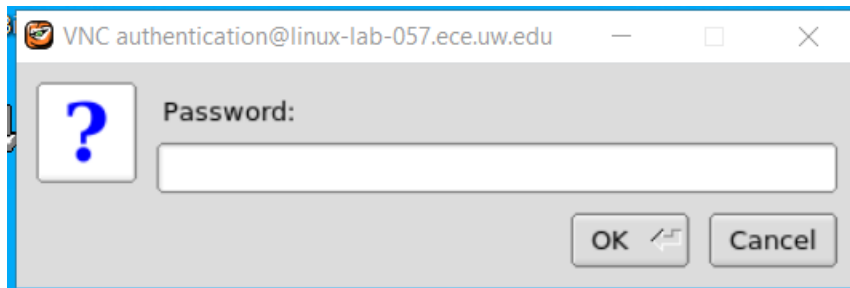
```
[wangr28@linux-lab-057 ~]$ vncviewer  
  
TigerVNC Viewer 64-bit v1.8.0  
Built on: 2020-11-16 16:46  
Copyright (C) 1999-2017 TigerVNC Team and many others (see README.txt)  
See http://www.tigervnc.org for information on TigerVNC.  
█
```



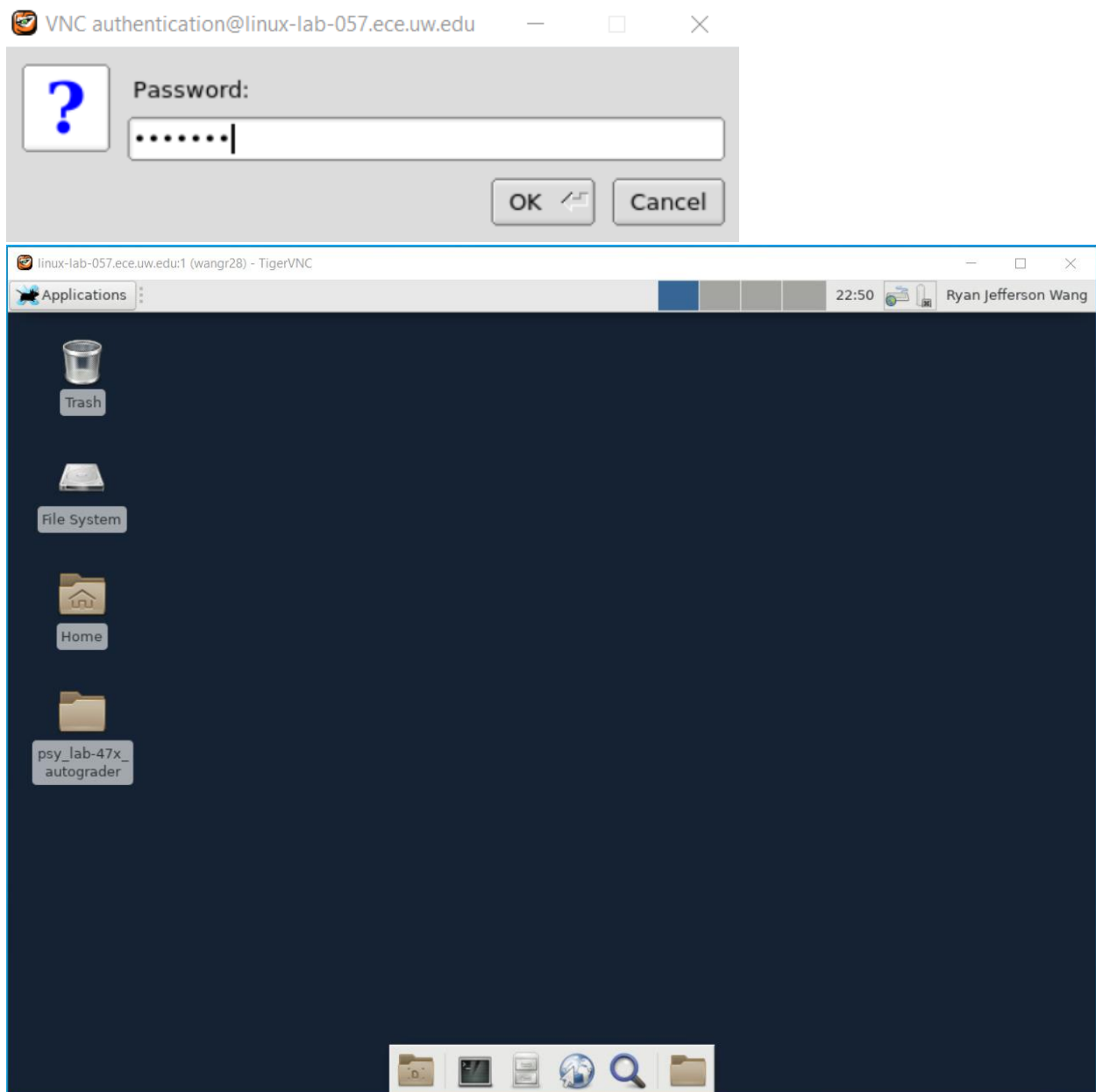
7. In the VNC Viewer window enter “127.0.0.1[your display number]”. Replace [your display number] with the number (preceded by a colon) that you found in step 5 and press enter. This brings up the VNC Authentication Window.

a. For my text box I input “127.0.0.1:1”.





8. In the VNC authentication Window enter your VNC password (if you don't have one you can set it with "vncpasswd" command). After entering the password, you should see the TigerVNC window pop up with the linux lab desktop.



9. That's it. You should see a TigerVNC window like the one directly above.