How to access CASMO4 via the VPN

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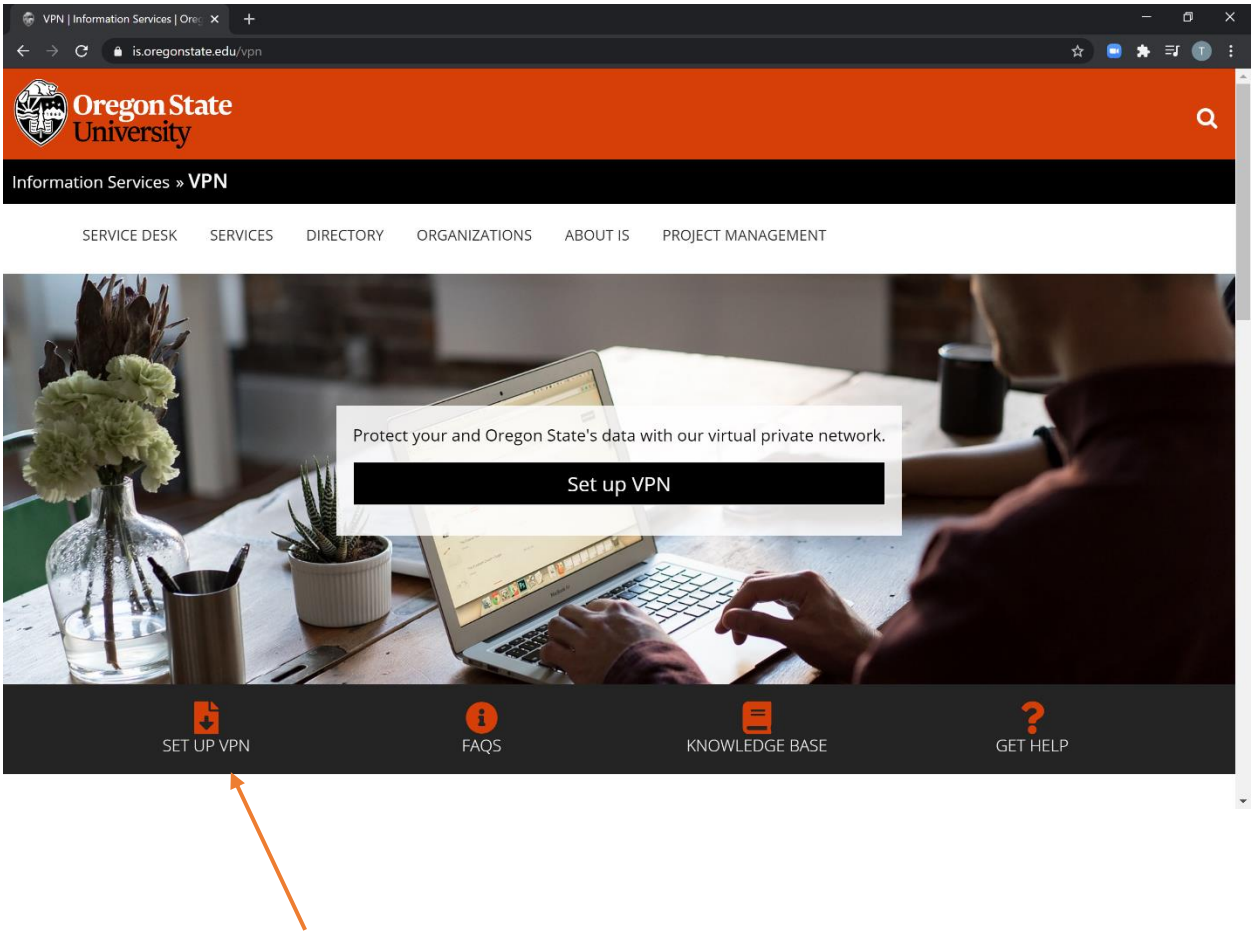
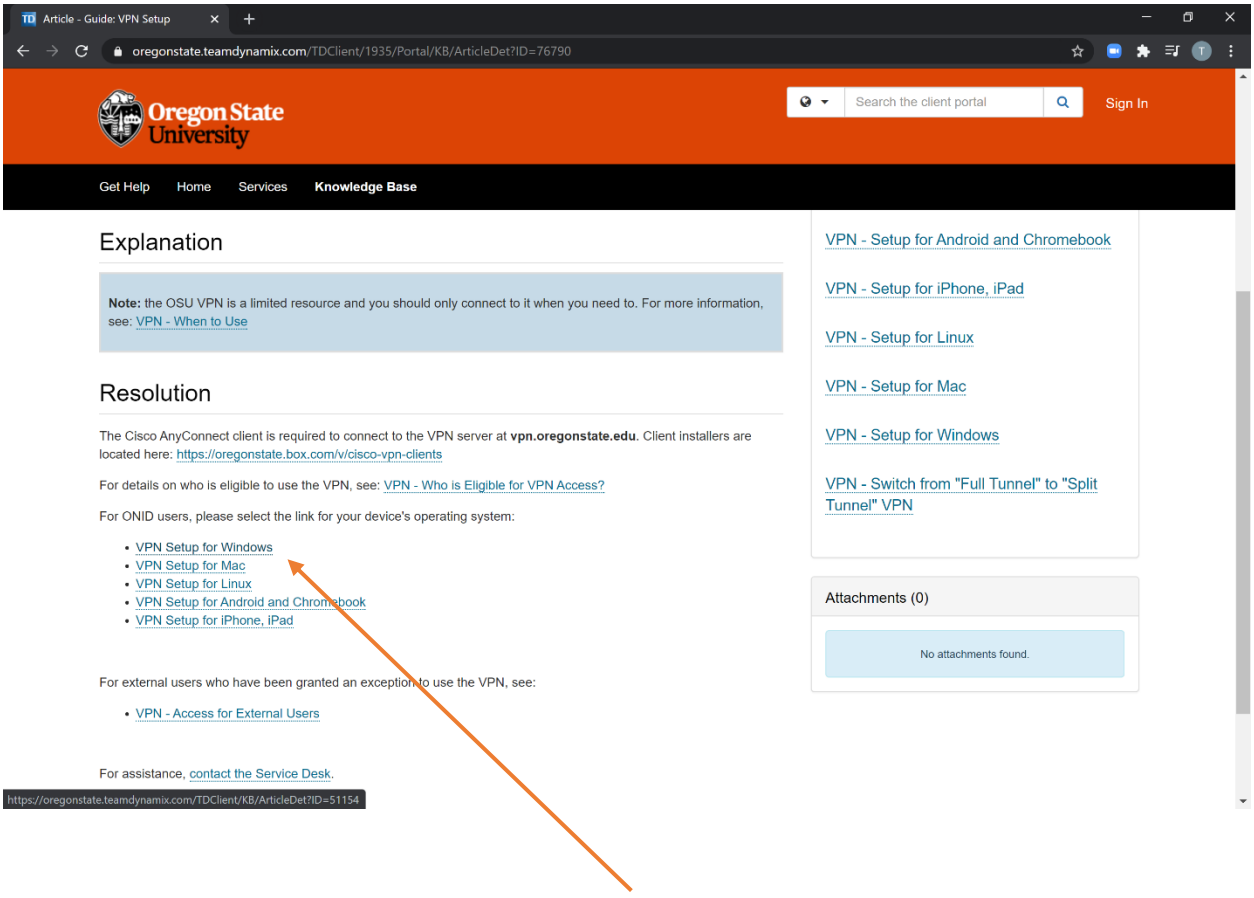
1) Open a web browser, navigate to:

https://is.oregonstate.edu/vpn



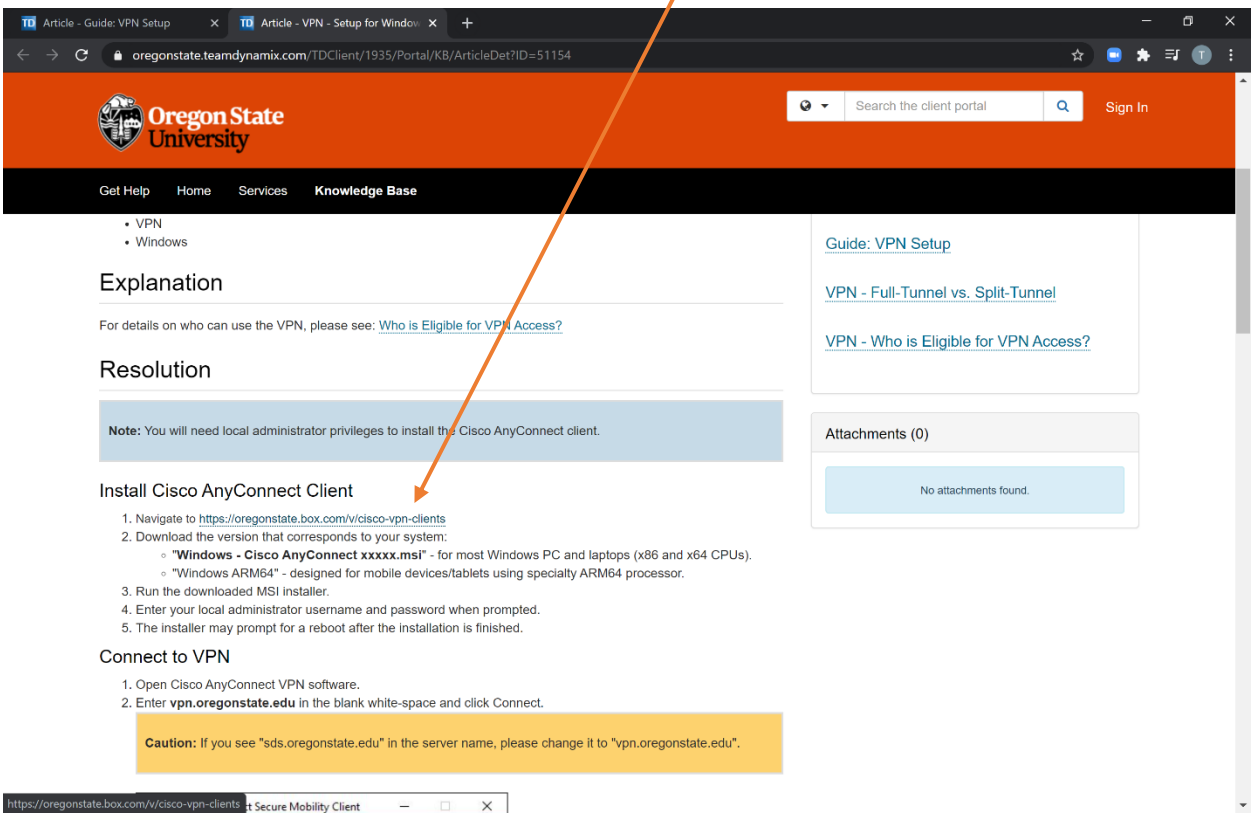
2) Click on “Set Up VPN” in the lower left.

3) The following screen will appear. My tutorial will assume you are using windows. If you need Mac-specific help I can try to find someone to help you out.



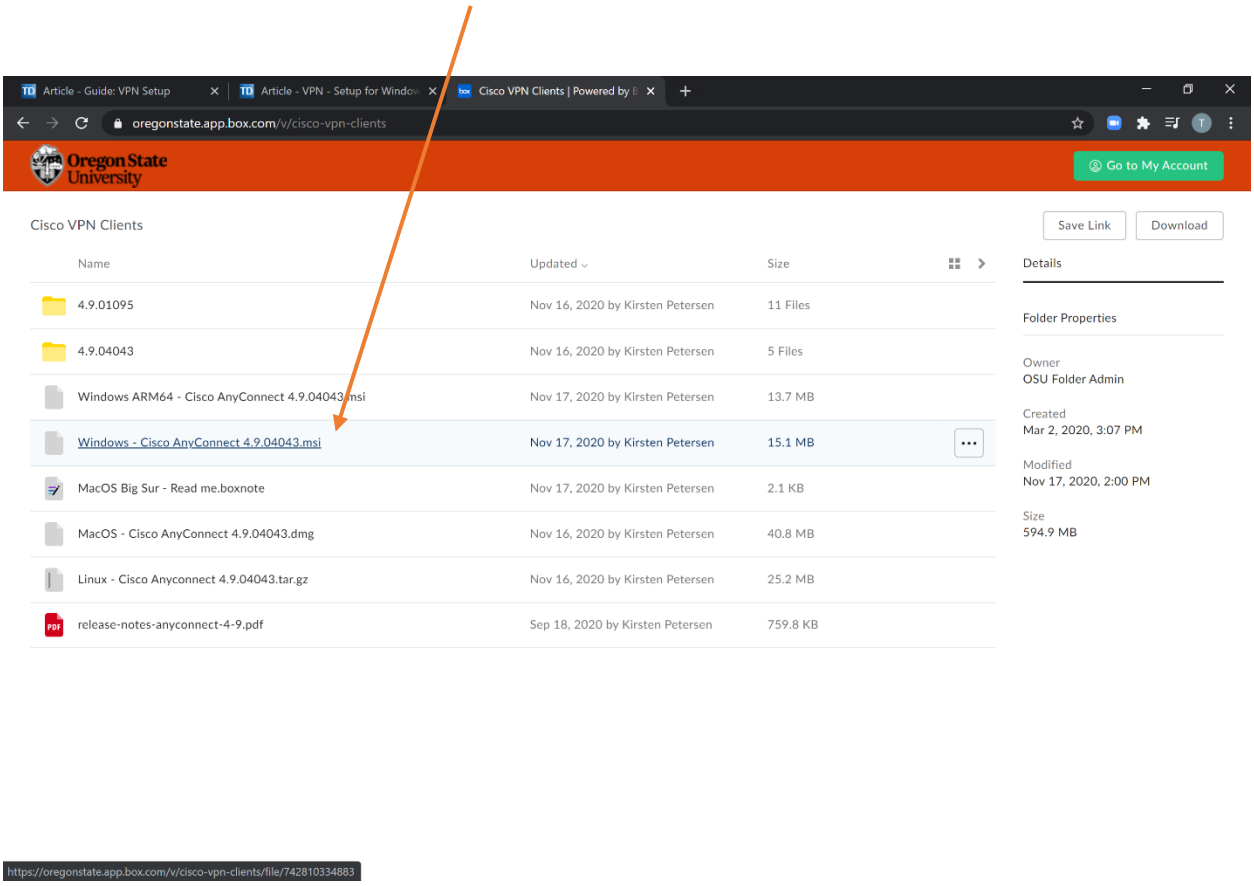
For this guide, we're going to click "VPN Setup for Windows."

4) Navigate to the box folder with the Cisco installers.



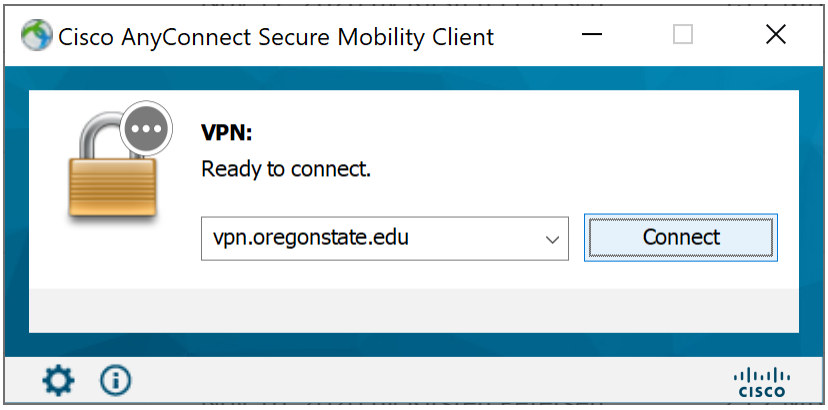
You will be prompted to log in using your ONID SSO.

5) Select the second installer on the list



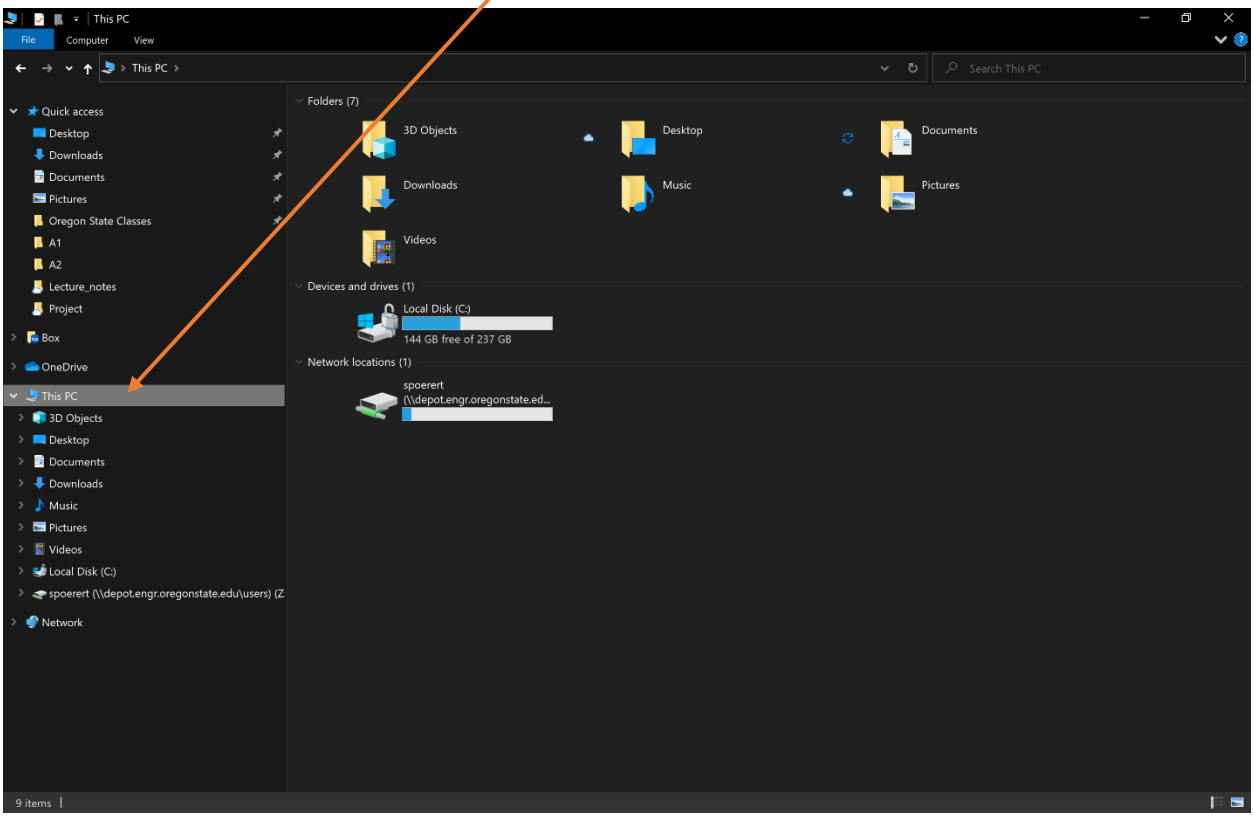
Use the second installer whether you have 64 bit architecture or 32 bit, don’t use the ARM64 unless you know you have ARM64 architecture. It will give you an error message if you try to install it on a non-ARM system.

6) Install the Cisco client and run it. The following box should appear:

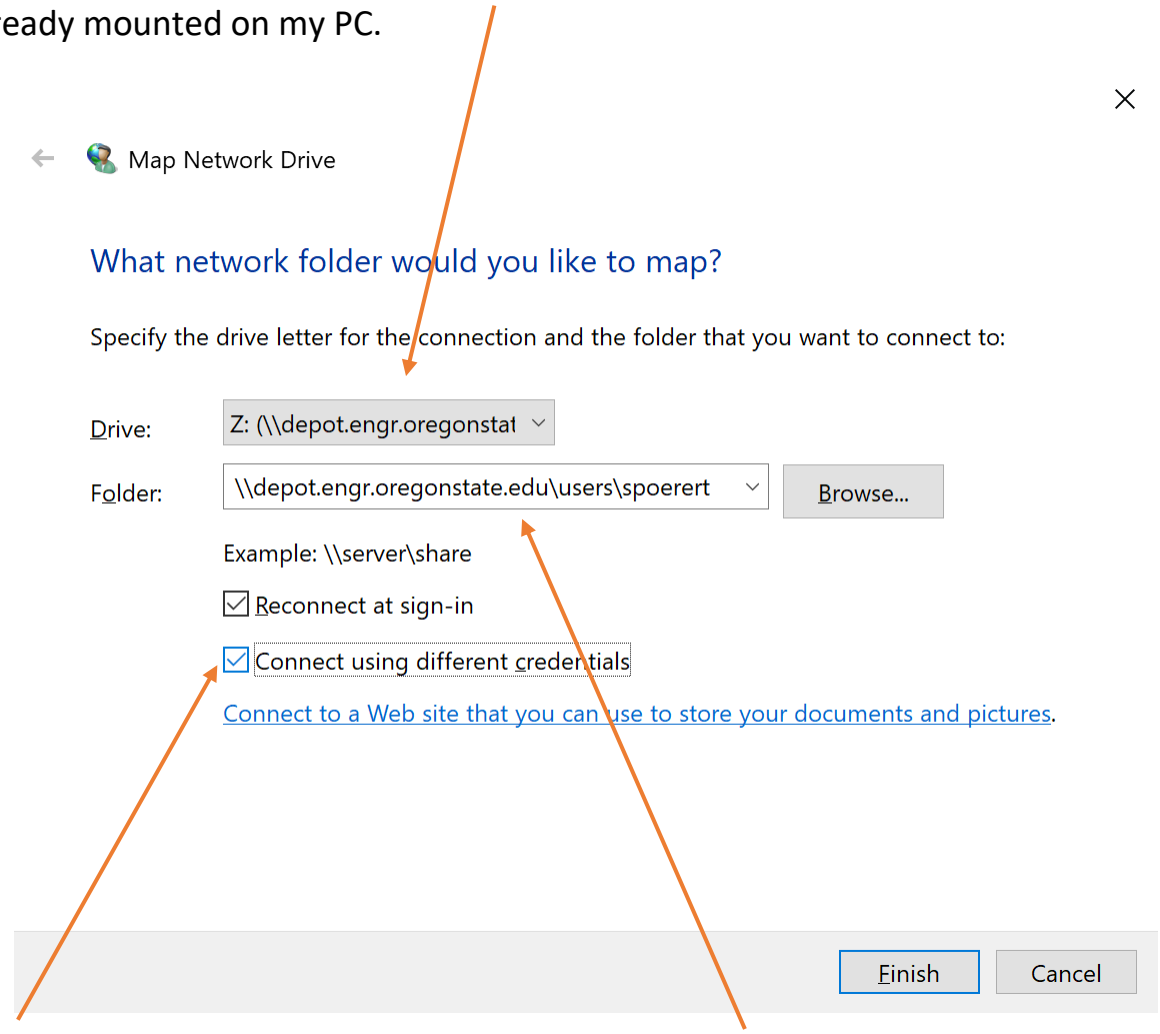


Type “vpn.oregonstate.edu” and click connect. You will be prompted to login with your ONID SSO. You’re now connected to the University’s network. But we need to do two other things first before we’re ready to run MCNP. First, we need a way to get files in and out of your user folder on the OSU network. We’ll mount your “Z: drive” in the next few steps.

7) Open file explorer. Right-click on “This PC” and select “Map network drive” from the menu that appears.



8) The following prompt appears. We commonly call this “the Z: drive” at OSU but in reality, you can select whatever letter drive you want this is totally arbitrary. Mine shows an address after the letter in the Drive drop-down box because it is already mounted on my PC.



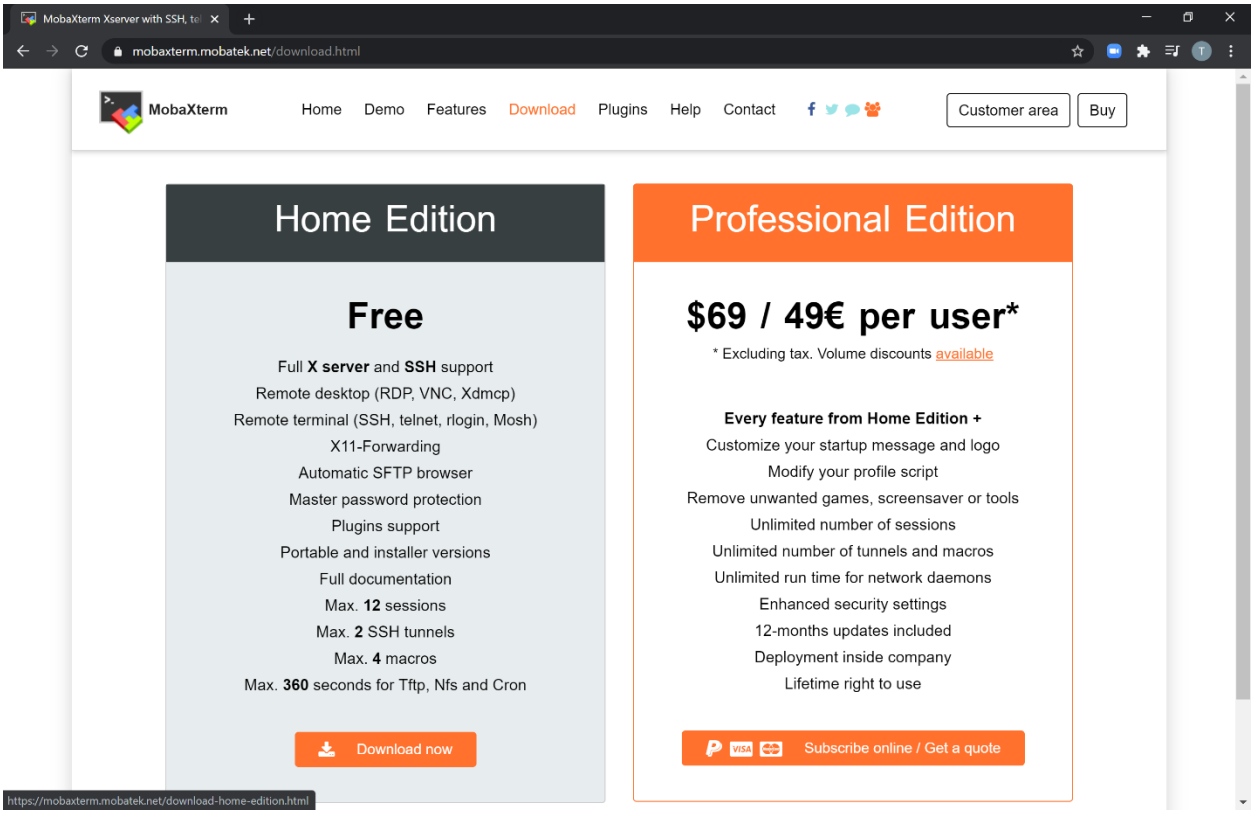
Type the following into the Folder box: \\depot.engr.oregonstate.edu\users\XXXX

Where the”XXXX” is your ONID username. Make sure the “Connect using different credentials” box is checked. Click finish. You will be prompted to login with your ONID SSO. Now when you open file explorer, you should see your school folder listed on the left as long as the VPN is connected. Now we just need to install MobaXterm to use the NE/RHP computing cluster and CASMO4.

*Create a folder in the Z: drive named “CASMO” to help my Moba tutorial easier to follow.

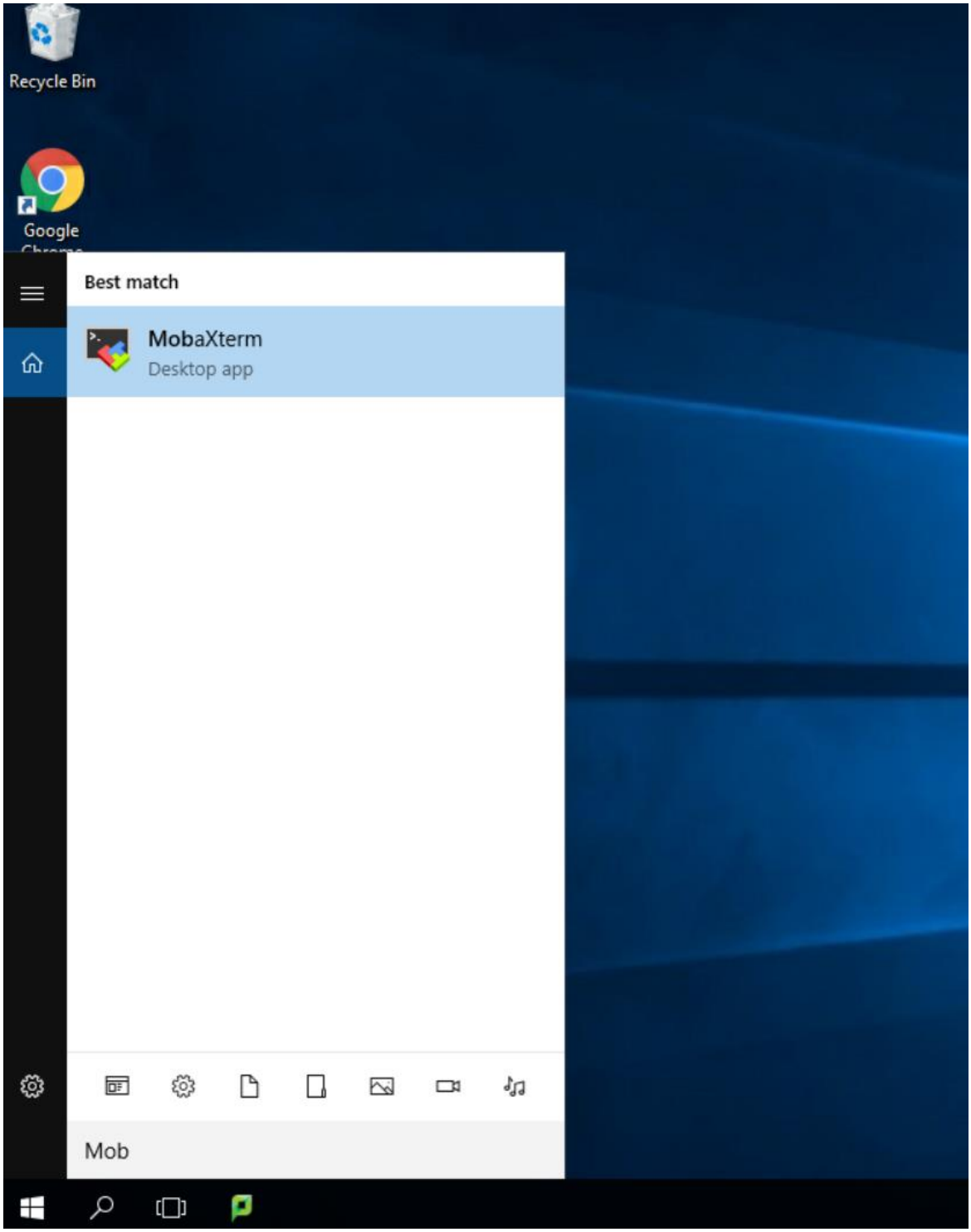
9) Open a web browser and navigate to:

www.mobaxterm.mobatek.net/download.html

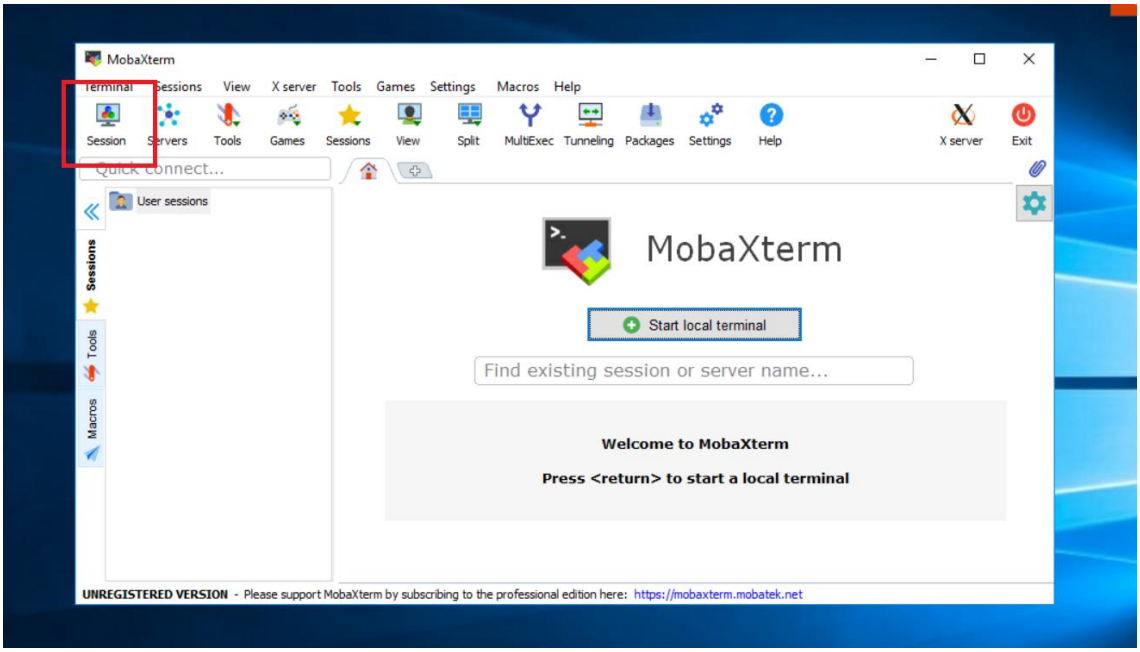


Download and install the free edition. Run MobaXterm when complete.

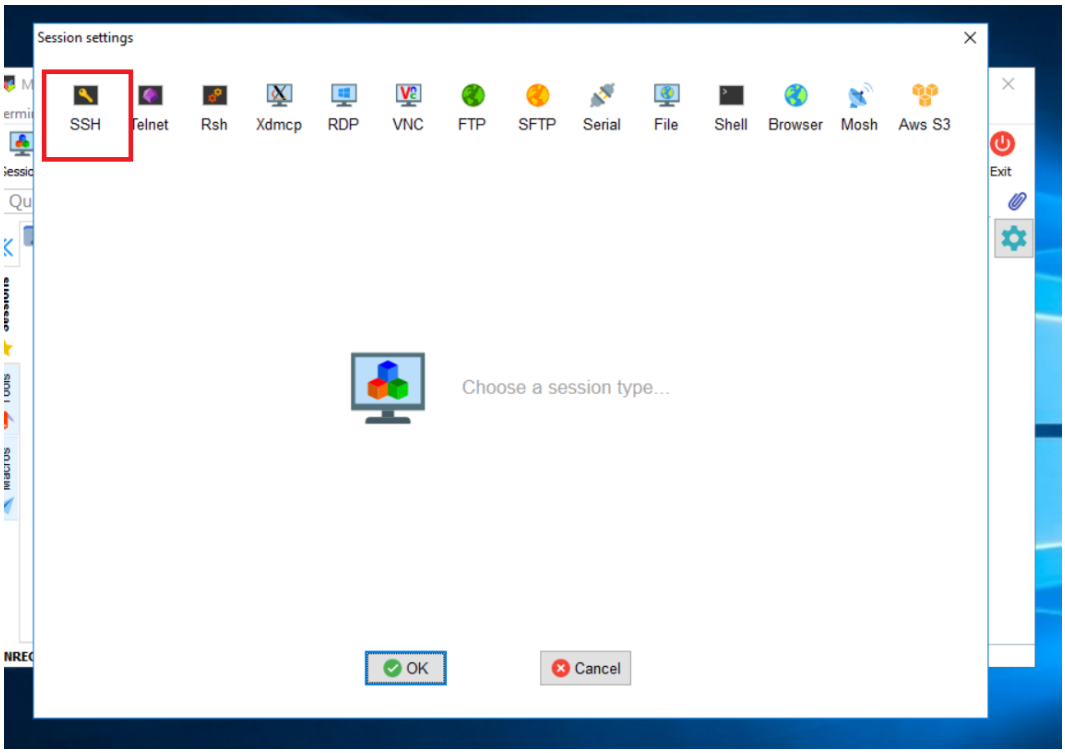
10) Open MobaXterm



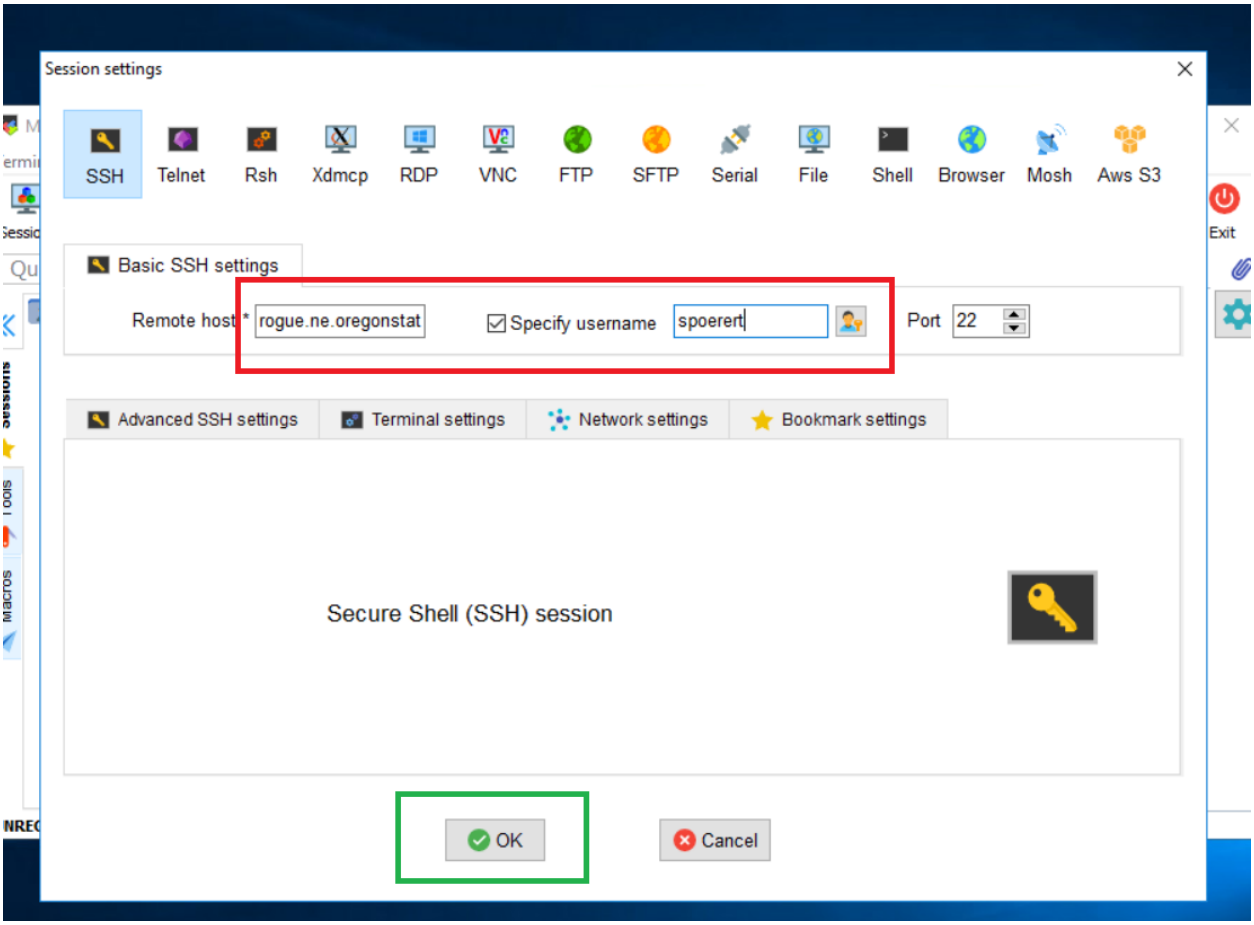
11) In the upper left hand of Moba, click “Session”



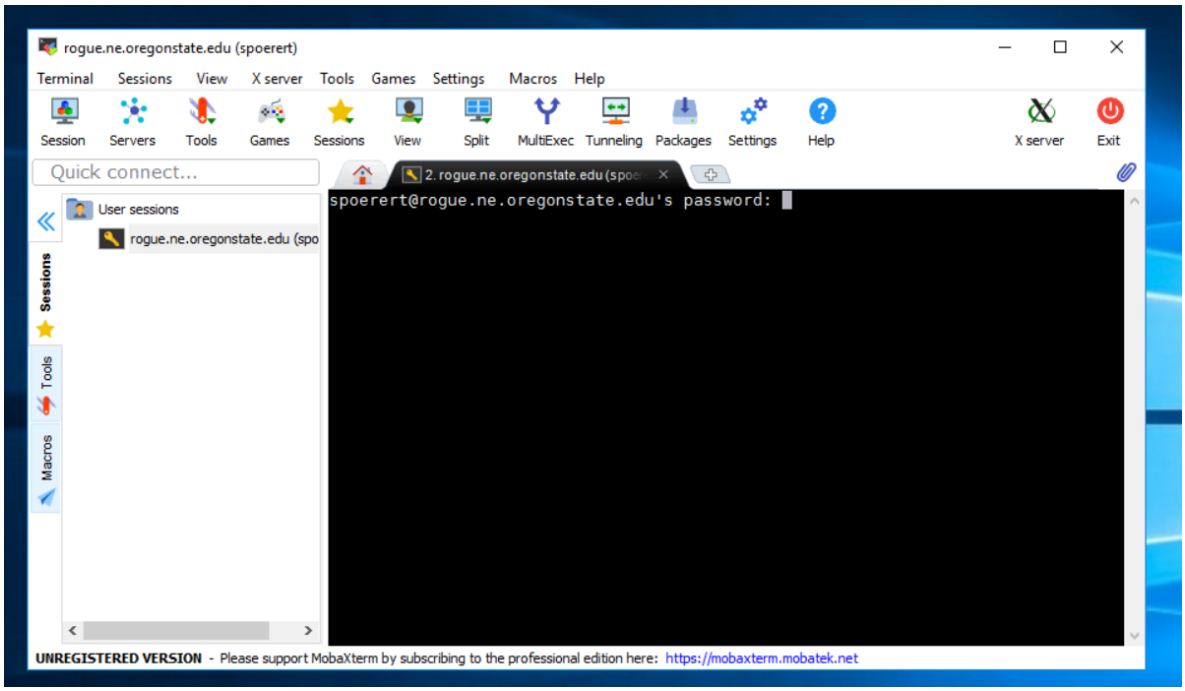
12) Click “SSH”



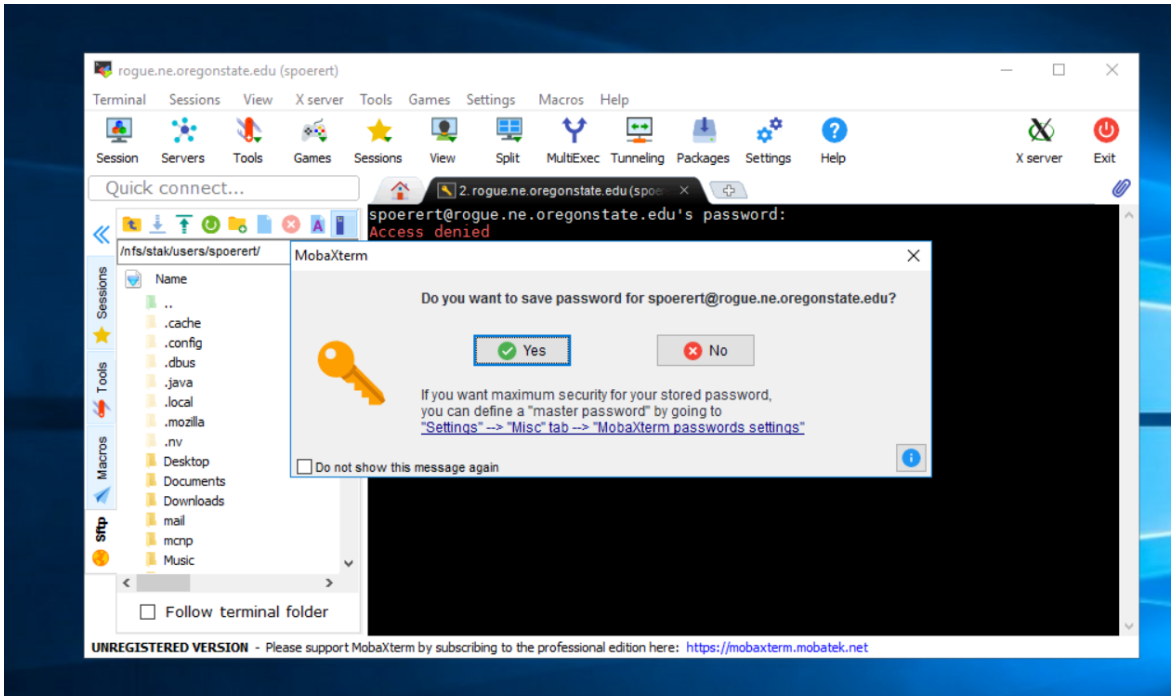
13) In the “Remote host” box type the following: rogue.ne.oregonstate.edu, check the box for “specify username.” enter your ONID username like so: spoerert



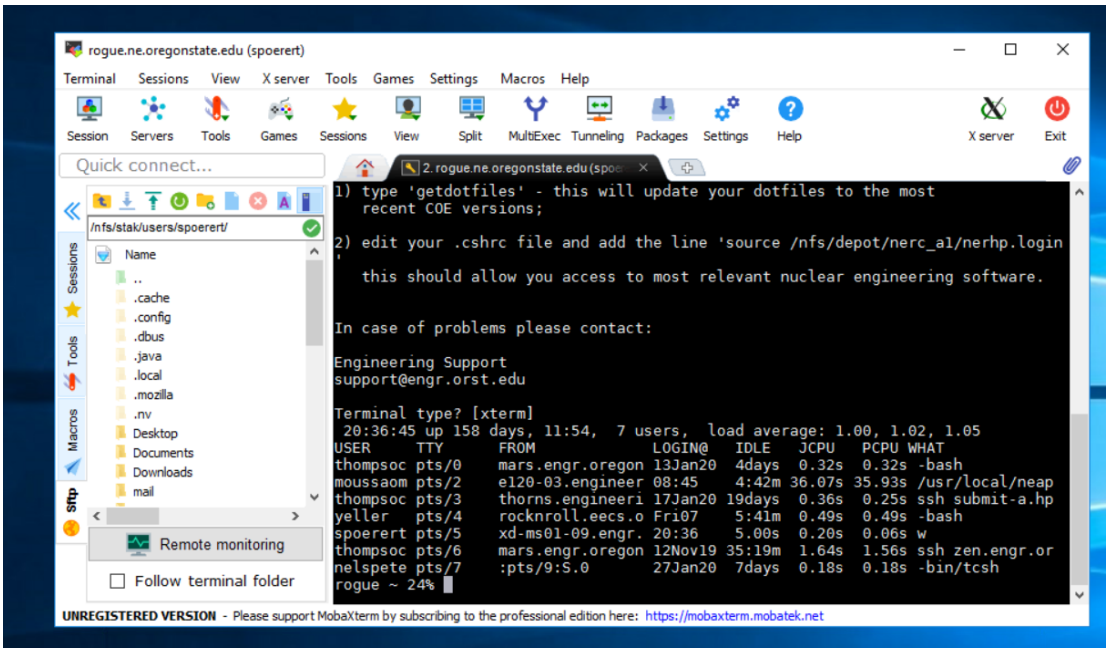
14) The following screen should appear. Type your ONID password and hit “Enter” on the keyboard. Note, the cursor on the screen will not move even though you are typing.



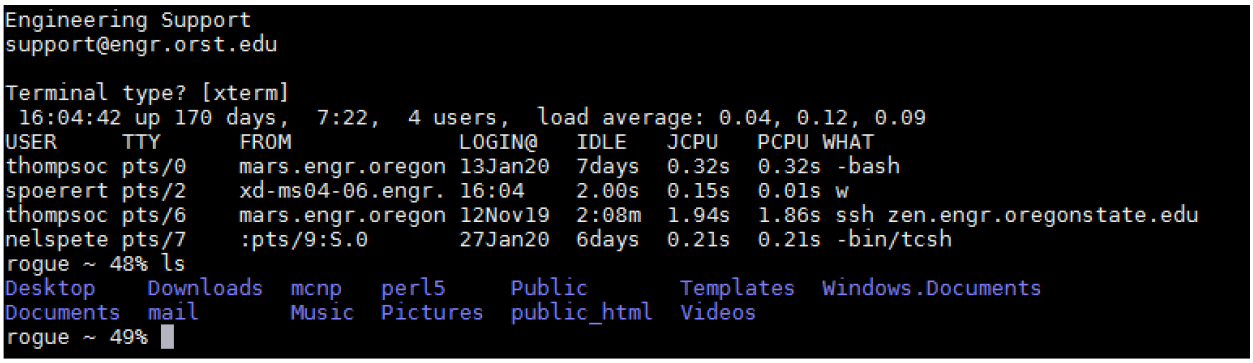
15) You can save your password if you want.



16) Hit “Enter” on the keyboard again and you should see the following:



17) You can type “ls” and hit enter to view directories:



18) Type “cd CASMO” and hit enter to end up in the correct directory. Us “ls” to see files in the CASMO folder. Move input files into this folder by copying them to your Z: drive.

19) To run a file, type “casmo4e” space, then the file input such as “test.imp” Hit enter and casmo4 will run the file.