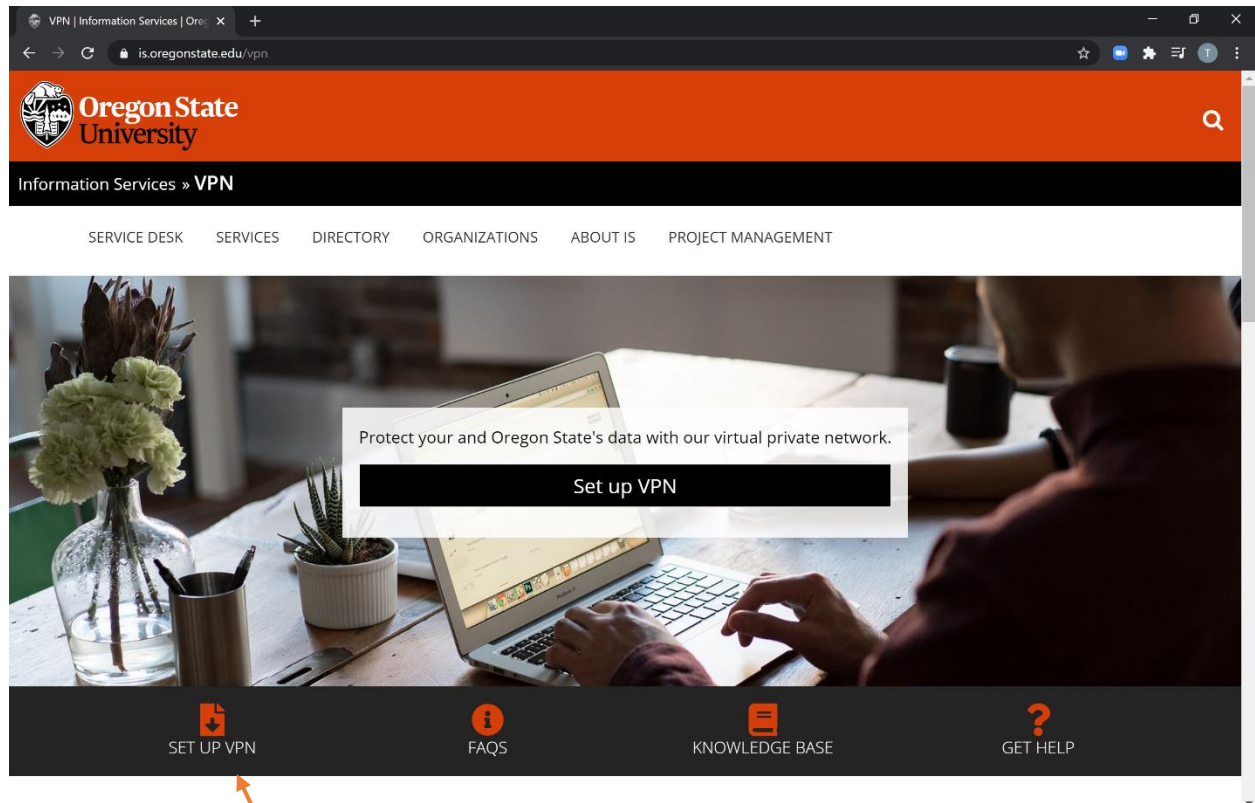


How to access CASMO4 via the VPN

Tracey Spoerer

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.

Article - Guide: VPN Setup

oregonstate.teamdynamix.com/TDClient/1935/Portal/KB/ArticleDet?ID=76790

Search the client portal

Sign In

Get Help Home Services Knowledge Base

Explanation

Note: the OSU VPN is a limited resource and you should only connect to it when you need to. For more information, see: [VPN - When to Use](#)

Resolution

The Cisco AnyConnect client is required to connect to the VPN server at [vpn.oregonstate.edu](#). Client installers are located here: <https://oregonstate.box.com/v/cisco-vpn-clients>

For details on who is eligible to use the VPN, see: [VPN - Who is Eligible for VPN Access?](#)

For ONID users, please select the link for your device's operating system:

- [VPN Setup for Windows](#)
- [VPN Setup for Mac](#)
- [VPN Setup for Linux](#)
- [VPN Setup for Android and Chromebook](#)
- [VPN Setup for iPhone, iPad](#)

For external users who have been granted an exception to use the VPN, see:

- [VPN - Access for External Users](#)

For assistance, [contact the Service Desk](#).

<https://oregonstate.teamdynamix.com/TDClient/KB/ArticleDet?ID=51154>

[VPN - Setup for Android and Chromebook](#)

[VPN - Setup for iPhone, iPad](#)

[VPN - Setup for Linux](#)

[VPN - Setup for Mac](#)

[VPN - Setup for Windows](#)

[VPN - Switch from "Full Tunnel" to "Split Tunnel" VPN](#)

Attachments (0)

No attachments found.

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

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

The screenshot shows a web browser window displaying a Knowledge Base article from Oregon State University. The article is titled "VPN - Setup for Windows" and is part of a series on VPN setup. The page has a header with the Oregon State University logo and a search bar. The main content area is divided into sections: "Explanation", "Resolution", "Install Cisco AnyConnect Client", and "Connect to VPN". The "Install Cisco AnyConnect Client" section contains a list of five steps. An orange arrow points from the instruction "4) Navigate to the box folder with the Cisco installers." to the URL "https://oregonstate.box.com/v/cisco-vpn-clients" in the first step. The "Connect to VPN" section contains two steps and a caution box. The right sidebar contains links to "Guide: VPN Setup", "VPN - Full-Tunnel vs. Split-Tunnel", and "VPN - Who is Eligible for VPN Access?". The bottom of the page shows a browser tab for "Secure Mobility Client" with the URL "https://oregonstate.box.com/v/cisco-vpn-clients".

Article - Guide: VPN Setup | Article - VPN - Setup for Windows

oregonstate.teamdynamix.com/TDClient/1935/Portal/KB/ArticleDet?ID=51154

Oregon State University

Get Help | Home | Services | **Knowledge Base**

- VPN
- Windows

Explanation

For details on who can use the VPN, please see: [Who is Eligible for VPN Access?](#)

Resolution

Note: You will need local administrator privileges to install the Cisco AnyConnect client.

Install Cisco AnyConnect Client

1. Navigate to <https://oregonstate.box.com/v/cisco-vpn-clients>
2. Download the version that corresponds to your system:
 - "Windows - Cisco AnyConnect xxxx.msi" - for most Windows PC and laptops (x86 and x64 CPUs).
 - "Windows ARM64" - designed for mobile devices/tablets using specialty ARM64 processor.
3. Run the downloaded MSI installer.
4. Enter your local administrator username and password when prompted.
5. The installer may prompt for a reboot after the installation is finished.

Connect to VPN

1. Open Cisco AnyConnect VPN software.
2. Enter **vpn.oregonstate.edu** in the blank white-space and click Connect.

Caution: If you see "sds.oregonstate.edu" in the server name, please change it to "vpn.oregonstate.edu".

[Guide: VPN Setup](#)

[VPN - Full-Tunnel vs. Split-Tunnel](#)

[VPN - Who is Eligible for VPN Access?](#)

Attachments (0)

No attachments found.

<https://oregonstate.box.com/v/cisco-vpn-clients> | Secure Mobility Client

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

5) Select the second installer on the list

The screenshot shows a web browser window displaying the 'Cisco VPN Clients' page on the Oregon State University Box storage interface. The page lists various files and folders. An orange arrow points to the second installer file in the list, 'Windows - Cisco AnyConnect 4.9.04043.msi'.

Name	Updated	Size
4.9.01095	Nov 16, 2020 by Kirsten Petersen	11 Files
4.9.04043	Nov 16, 2020 by Kirsten Petersen	5 Files
Windows ARM64 - Cisco AnyConnect 4.9.04043.msi	Nov 17, 2020 by Kirsten Petersen	13.7 MB
Windows - Cisco AnyConnect 4.9.04043.msi	Nov 17, 2020 by Kirsten Petersen	15.1 MB
MacOS Big Sur - Read me.boxnote	Nov 17, 2020 by Kirsten Petersen	2.1 KB
MacOS - Cisco AnyConnect 4.9.04043.dmg	Nov 16, 2020 by Kirsten Petersen	40.8 MB
Linux - Cisco Anyconnect 4.9.04043.tar.gz	Nov 16, 2020 by Kirsten Petersen	25.2 MB
release-notes-anyconnect-4-9.pdf	Sep 18, 2020 by Kirsten Petersen	759.8 KB

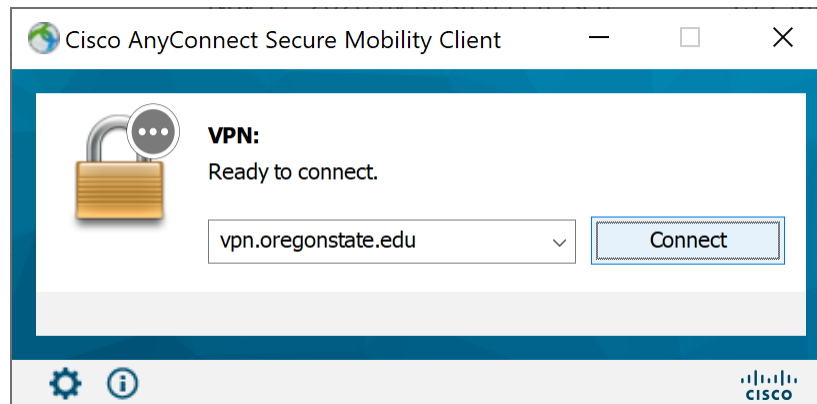
Details:

- Folder Properties
- Owner: OSU Folder Admin
- Created: Mar 2, 2020, 3:07 PM
- Modified: Nov 17, 2020, 2:00 PM
- Size: 594.9 MB

<https://oregonstate.app.box.com/v/cisco-vpn-clients/file/742810334883>

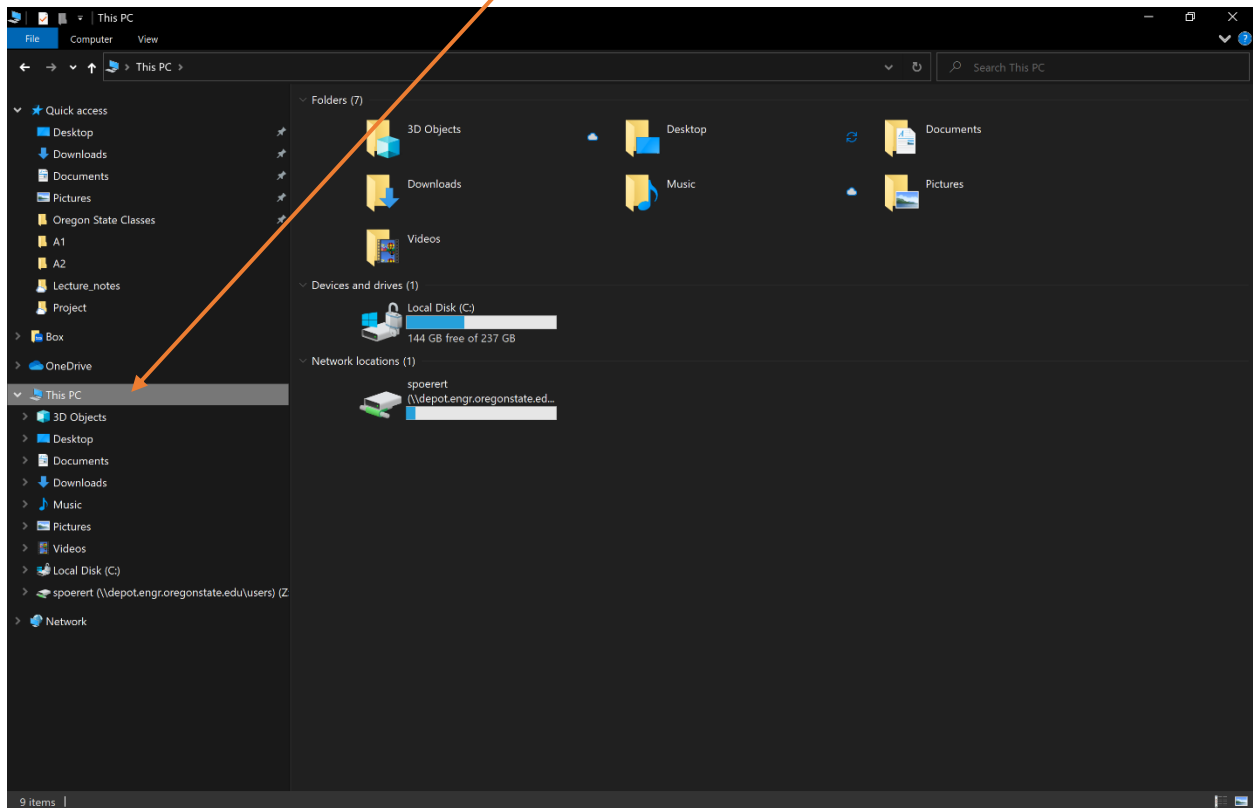
Use the second installer whether you have 64 bit architecture or 32 bit, don't use the ARM64 unless you know you have ARM64 architecture. It will give you an error message if you try to install it on a non-ARM system.

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.

The screenshot shows the 'Map Network Drive' dialog box. It has a title bar with a back arrow, a globe icon, and the text 'Map Network Drive', and a close button (X) in the top right. The main text asks 'What network folder would you like to map?' and instructs the user to 'Specify the drive letter for the connection and the folder that you want to connect to:'. There are two input fields: 'Drive:' and 'Folder:'. The 'Drive:' field shows 'Z: (\\depot.engr.oregonstat)' with a dropdown arrow. The 'Folder:' field shows '\\depot.engr.oregonstate.edu\\users\\spoerert' with a dropdown arrow and a 'Browse...' button to its right. Below these fields is an 'Example: \\server\\share' and two checkboxes: 'Reconnect at sign-in' (checked) and 'Connect using different credentials' (checked). A blue link below the checkboxes says 'Connect to a Web site that you can use to store your documents and pictures.'. At the bottom right are 'Finish' and 'Cancel' buttons. Three orange arrows point from the text above to the 'Drive:' field, the 'Folder:' field, and the 'Connect using different credentials' checkbox.

Map Network Drive

What network folder would you like to map?

Specify the drive letter for the connection and the folder that you want to connect to:

Drive: Z: (\\depot.engr.oregonstat)

Folder: \\depot.engr.oregonstate.edu\\users\\spoerert Browse...

Example: \\server\\share

☒ Reconnect at sign-in

☒ Connect using different credentials

[Connect to a Web site that you can use to store your documents and pictures.](#)

Finish Cancel

Type the following into the Folder box: [\\depot.engr.oregonstate.edu\\users\\XXXX](https://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:

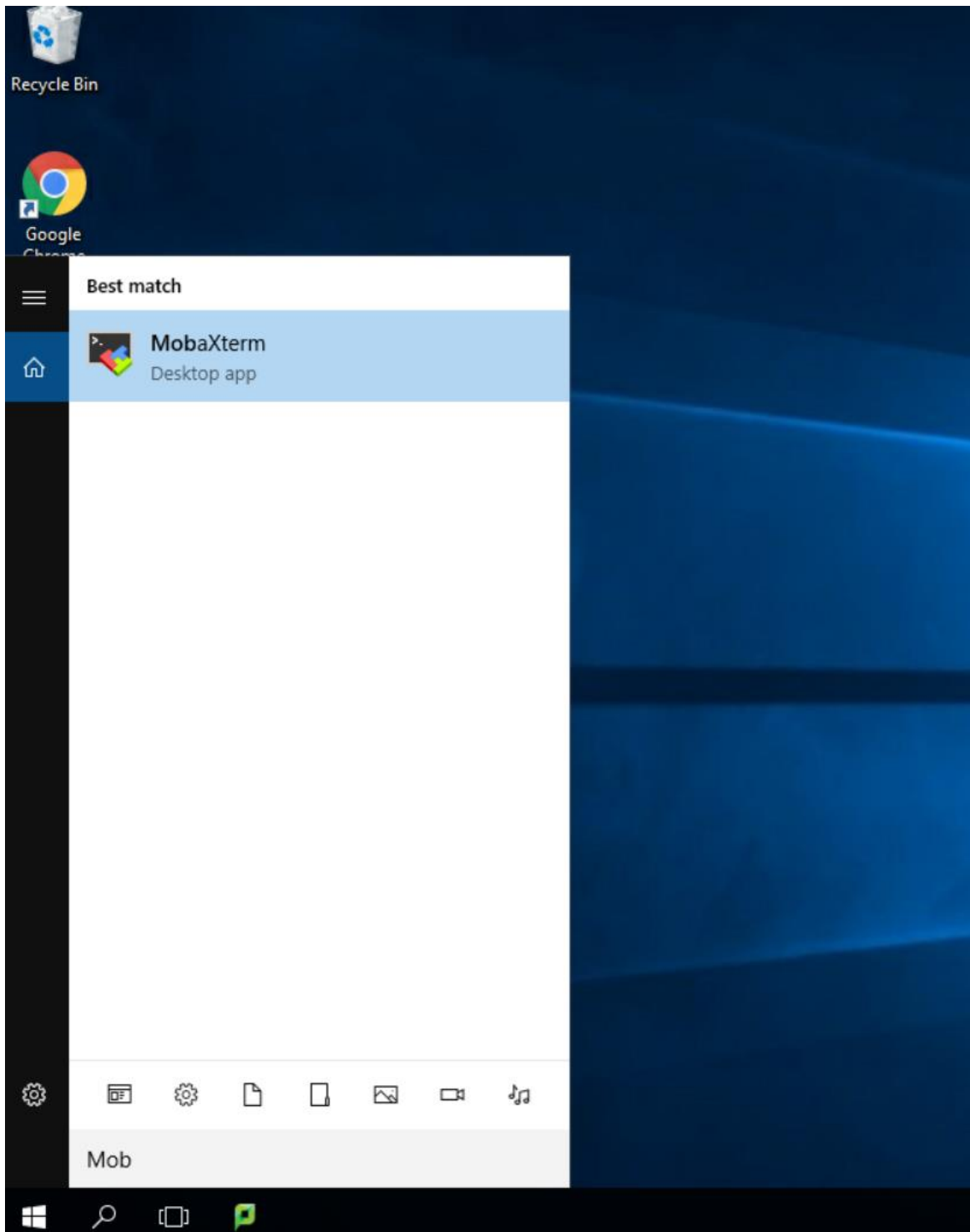
www.mobaxterm.mobatek.net/download.html

The screenshot shows the MobaXterm website's download page. The browser's address bar displays 'mobaxterm.mobatek.net/download.html'. The website's navigation bar includes links for Home, Demo, Features, Download (highlighted), Plugins, Help, and Contact, along with social media icons and buttons for 'Customer area' and 'Buy'. The main content area is divided into two columns. The left column, titled 'Home Edition', is set against a dark grey background and lists features for a 'Free' version, including support for X server, SSH, remote desktop, terminal, and file transfer, with limits on sessions, tunnels, and macros. A 'Download now' button is at the bottom. The right column, titled 'Professional Edition', has an orange header and lists a price of '\$69 / 49€ per user*' with a list of advanced features like unlimited sessions and tunnels. A 'Subscribe online / Get a quote' button is at the bottom. A small URL bar at the bottom left of the screenshot shows 'https://mobaxterm.mobatek.net/download-home-edition.html'.

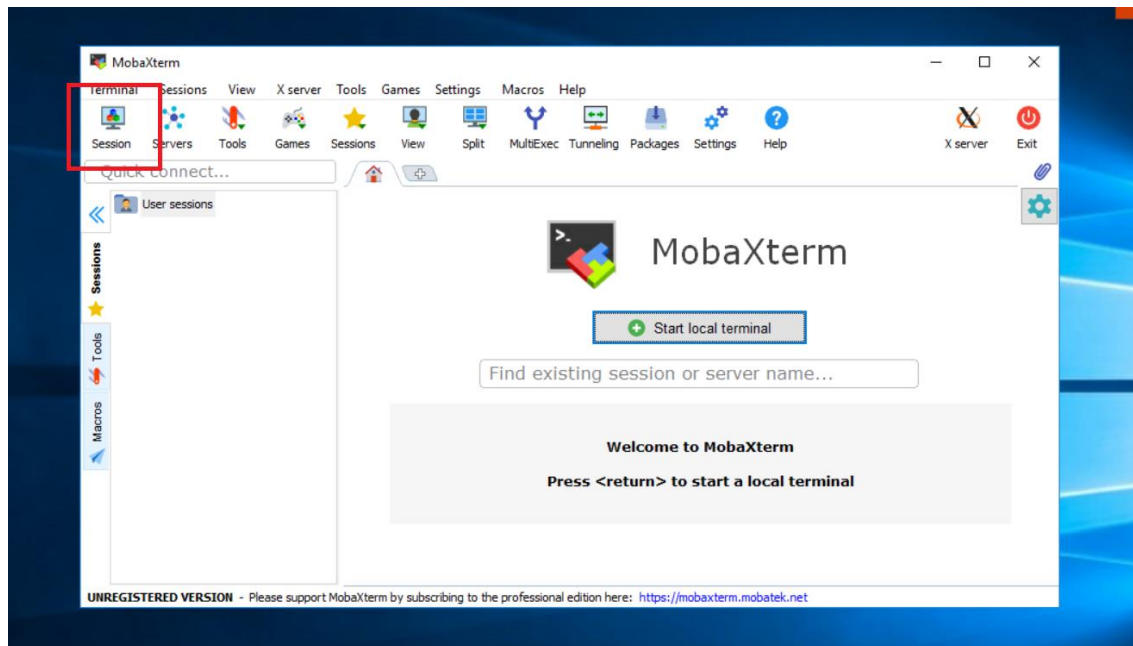
Home Edition	Professional Edition
Free	\$69 / 49€ per user*
Full X server and SSH support	* Excluding tax. Volume discounts available
Remote desktop (RDP, VNC, Xdmcp)	Every feature from Home Edition +
Remote terminal (SSH, telnet, rlogin, Mosh)	Customize your startup message and logo
X11-Forwarding	Modify your profile script
Automatic SFTP browser	Remove unwanted games, screensaver or tools
Master password protection	Unlimited number of sessions
Plugins support	Unlimited number of tunnels and macros
Portable and installer versions	Unlimited run time for network daemons
Full documentation	Enhanced security settings
Max. 12 sessions	12-months updates included
Max. 2 SSH tunnels	Deployment inside company
Max. 4 macros	Lifetime right to use
Max. 360 seconds for Tftp, Nfs and Cron	
Download now	Subscribe online / Get a quote

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

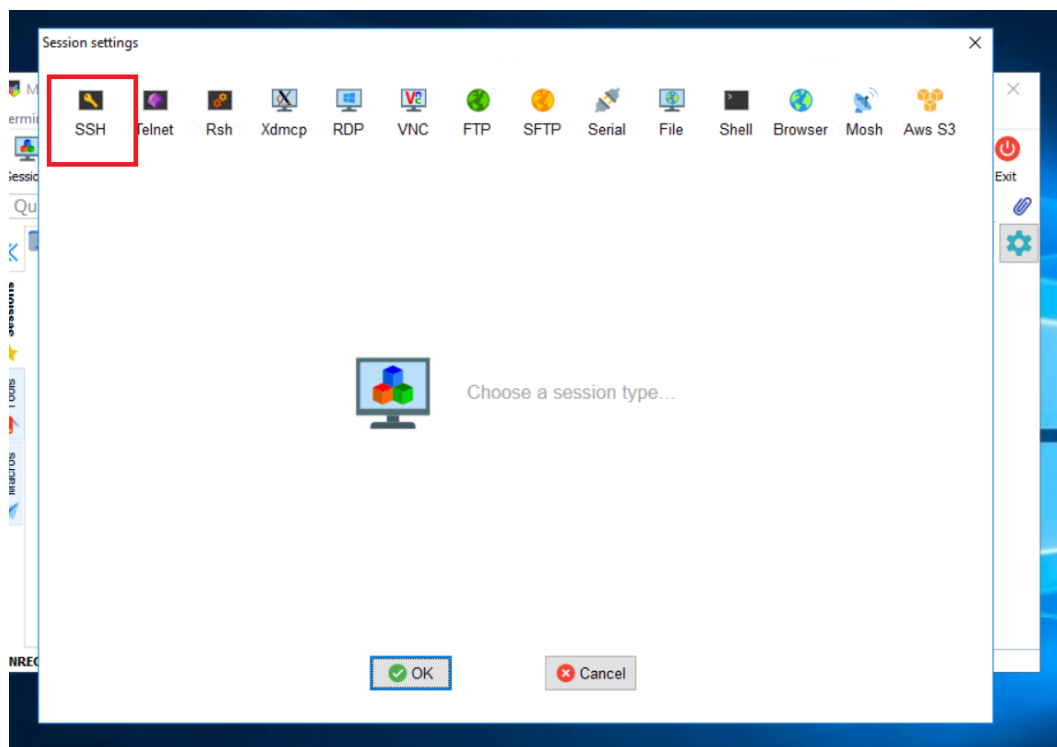
10) Open MobaXterm



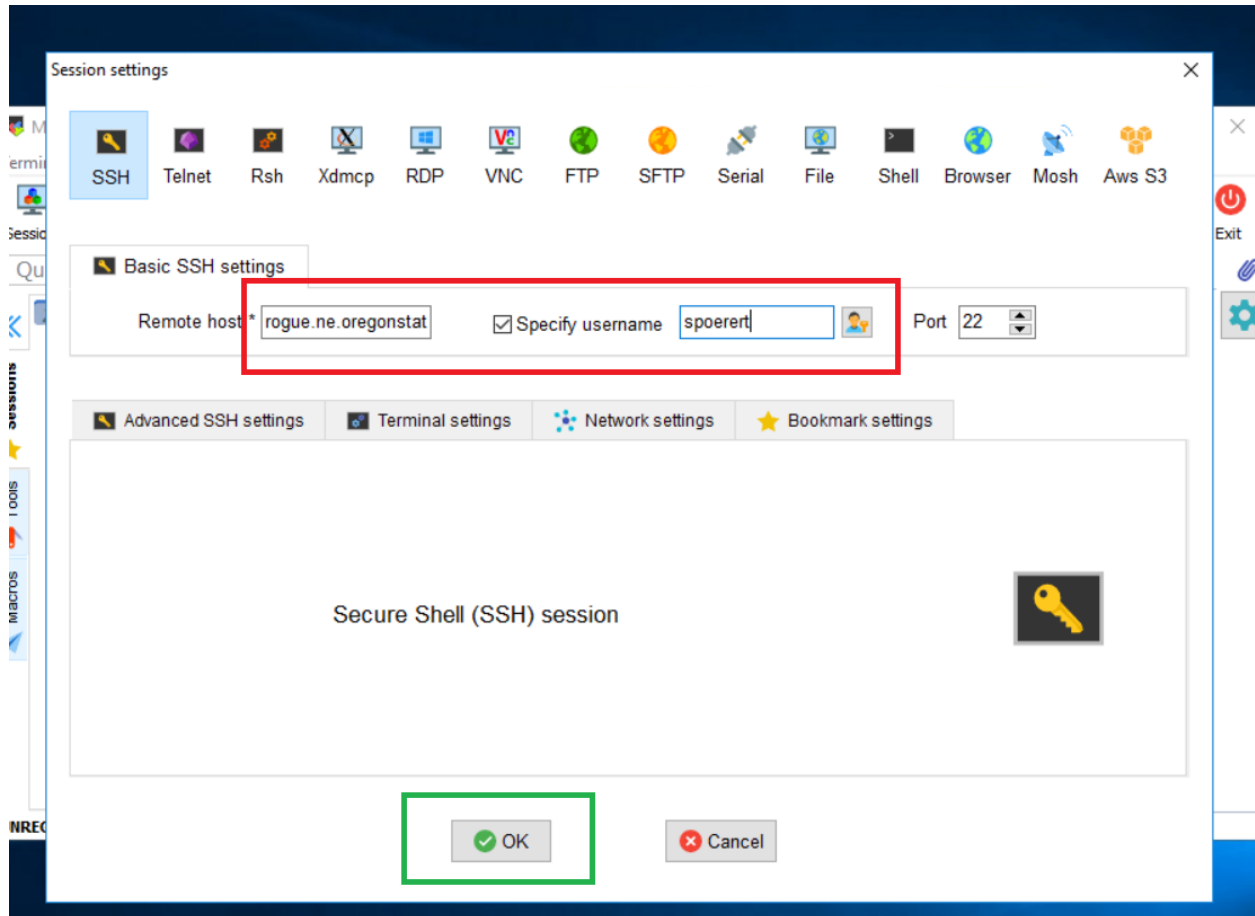
11) In the upper left hand of Moba, click “Session”



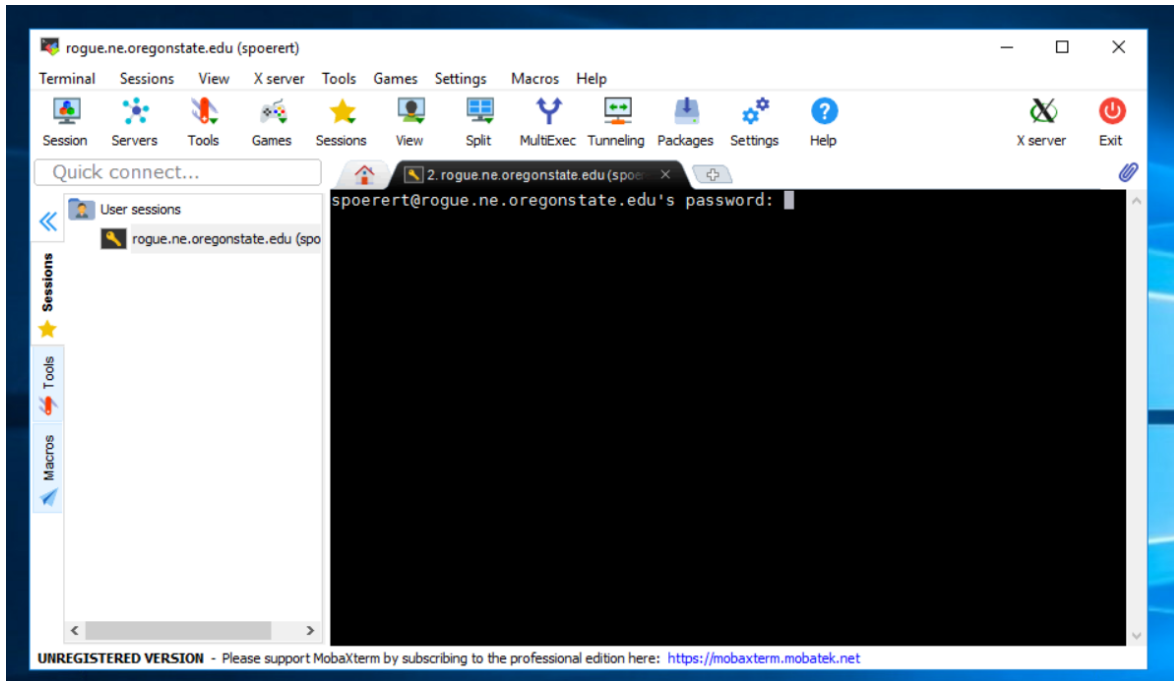
12) Click “SSH”



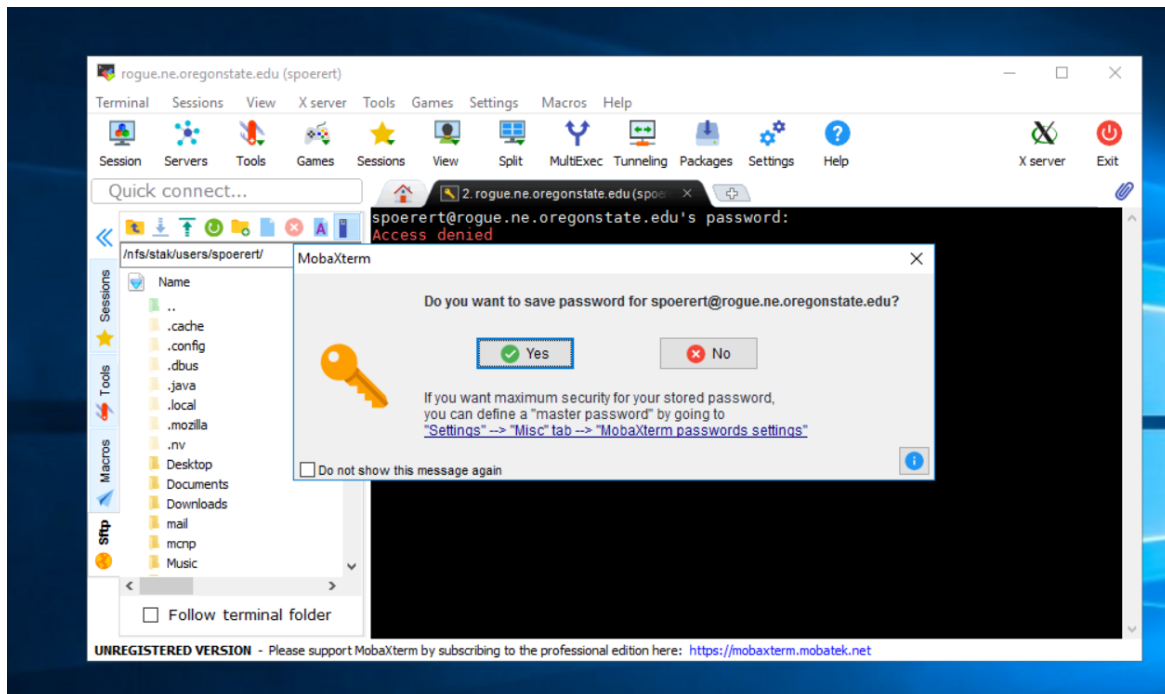
13) In the “Remote host” box type the following: rogue.ne.oregonstate.edu, check the box for “specify username.” enter your ONID username like so: [spoerert](#)



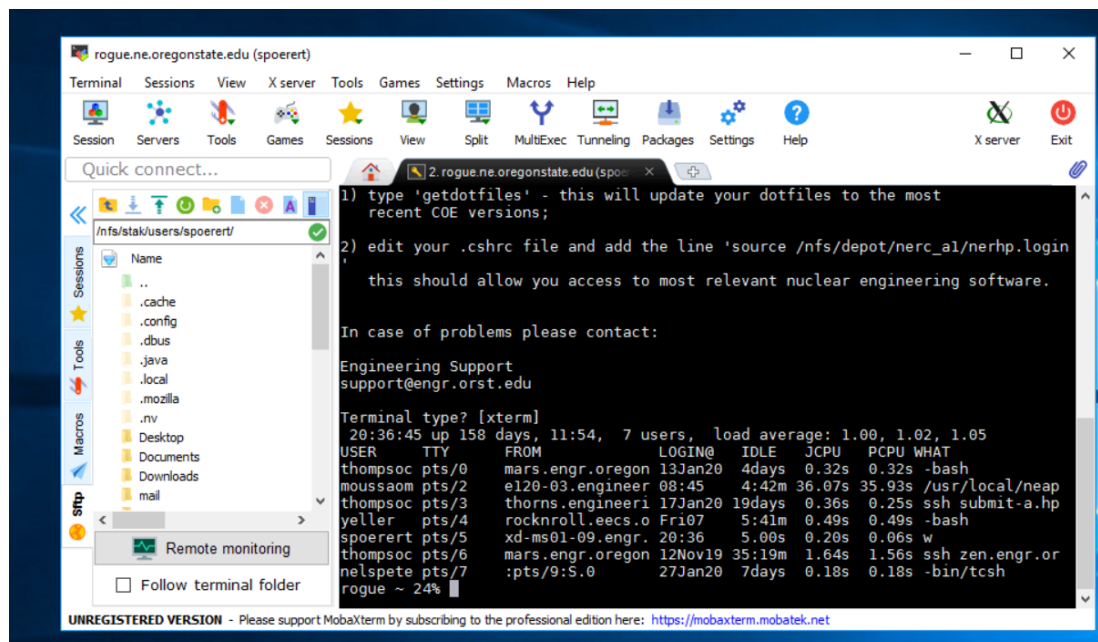
14) The following screen should appear. Type your ONID password and hit “Enter” on the keyboard. Note, the cursor on the screen will not move even though you are typing.



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:

```
Engineering Support
support@engr.orst.edu

Terminal type? [xterm]
16:04:42 up 170 days,  7:22,  4 users,  load average: 0.04, 0.12, 0.09
USER      TTY      FROM          LOGIN@      IDLE   JCPU   PCPU   WHAT
thomsoc pts/0    mars.engr.oregon 13Jan20    7days  0.32s  0.32s  -bash
spoerert pts/2    xd-ms04-06.engr. 16:04      2.00s  0.15s  0.01s  w
thomsoc pts/6    mars.engr.oregon 12Nov19    2:08m  1.94s  1.86s  ssh zen.engr.oregonstate.edu
nelspete pts/7    :pts/9:5.0      27Jan20    6days  0.21s  0.21s  -bin/tcsh
rogue ~ 48% ls
Desktop  Downloads  mcnp  perl5  Public  Templates  Windows.Documents
Documents mail      Music  Pictures  public_html  Videos
rogue ~ 49% █
```

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.