

Instructions for accessing Virtual Linux Machine

Students in csc252 will each be given access to a virtual machine running Linux at KU. The information for your personal machine will be emailed to you. You will have superuser/root privileges on this machine, which will allow you to perform various functions normally reserved for system administrators.

Access to your virtual machine can be gained in either of two ways: 1) using PuTTY, or 2) via the ssh utility. To use either method, you must be inside the KU computer network. Machines in the CSIT classroom machine and computer labs are automatically in the network. On a personal machine, you must first log into the network. On campus, you can do that by logging into BearNet. Off campus, you must download, install and log into the network using VPN. Instructions for obtaining, setting up, and using VPN can be found on the KU download page, located here: <https://download.kutztown.edu/Download>. Log into the download page with your KU credentials, select VPN, download and follow the instructions.

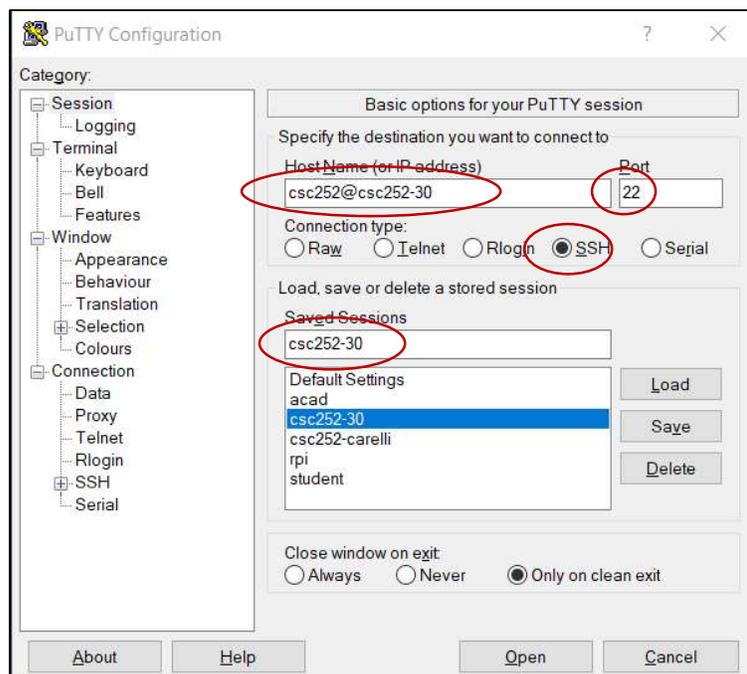
Getting on your Virtual Machine (VM):

First, log into the network if you are not on a campus machine. Once you are inside the network, you can access your virtual machine (VM) using PuTTY or ssh.

Using PuTTY:

Set up Putty as in the image:

1. Enter the username and machine name as shown using the machine number you were given.
csc252@csc252-##
2. Select SSH and port 22
3. Enter a name for your session and hit Save for future access.
4. Click *Open* to start the session



Using ssh on a PC

1. Open with a *cmd* or *powershell* window
 - a. In the windows search box, search for either *cmd* or *powershell*
2. At the prompt enter the following command using the machine number you were given:

ssh csc252@csc252-##

Using ssh on a MAC

1. Open the *Terminal* app
 - a. If need be, look for it with Finder
2. At the prompt enter the following command using the machine number you were given:

ssh csc252@csc252-##

Logging in

Once you have a terminal open (with either PuTTY or ssh), enter the password you were given and answer 'yes' to the authenticity question (first time only). You're in!

Important Note: You CANNOT use *ssh* to log into your VM from acad. It won't work!