

To use the CS Student Virtual Machine for the CS 465 Lab 8:

1. If you are planning on running this VM on a CS Dept. lab machine, skip to step 4.
2. If you are planning on running the VM on your own computer you will need to download VMWare software for your specific OS.
 - a. Go to <https://www.vmware.com/go/downloadplayer>
 - b. Select the link for your OS and download the software.
 - c. Make the software executable by `chmod a+x *.bundle`
 - d. Run the bundle file
 - e. The software will prompt you to enter an email address to continue using it for free the first time you open it.
 - f. Don't worry about putting in a license key
3. Make sure that the computer you're using has these libraries: `gdb`, `gcc-multilib`
 - a. If not you can install them with `ex: sudo apt-get install gdb`
4. Go to <https://docs.cs.byu.edu/wiki/Linux> and click on the link for the VM to download it.
 - a. Note the username and password for the VM are listed here, too. Make note of them!
5. Extract the zip file to the location of your choice
 - a. If you are on a lab machine, make sure that you choose somewhere in your home directory
6. In the newly created folder `Ubuntu 64-bit` are all the files needed for the Virtual Machine itself.
7. Inside the folder is a file called `Ubuntu 64-bit.vmx`. Double-click on this file to launch the VMWare software and open the VM.
 - a. If it asks you if you copied the VM or moved it, always click **Moved It**.
8. Once the VM is fully booted up, you should see a login screen.
9. Login with the username and password you got on the download page for the VM.
10. Once you are logged in, you should see an icon on your desktop for `LXTerminal`. Double-click (or press 'Ctrl-Alt T') on it to open a terminal window.