# **Ubuntu**

* + Install Virtual Box if you don’t already have it. <https://linux-kvm.org/page/Main_Page> <https://www.virtualbox.org/wiki/Downloads>
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* Here’s how to download Ubuntu server <https://ubuntu.com/download/server>
* A screenshot of a computer

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* Make sure to hit the green button you see on the screenshot above.
* Launch VirtualBox and select “Create a Virtual Machine”. From there, configure the machine settings and select the downloaded ISO image file as the media for installation.
* You can now start the virtual machine and follow the installation prompts such as language, keyboard layout and other preferences you might need. There might be a point where you see that there are packages to install. I don’t recommend adding those packages unless you are absolutely certain you know what they do.
* Once the installation process is complete, you may now reboot the virtual machine.

# **Ubuntu File share**

1. **Before doing any of these steps, make sure to go to “tools” in virtual box, then properties and then go to the NAT networks tab, hit create and then give the name of your network and then enter an ipv4 address such as 192.168.100.0/24 make sure enable DHCP is checked before proceeding.**
2. On your virtual box machine, go to your settings, then network settings and from there change where it says, “attached to:”, and in the drop-down menu confirm that your adapter is attached to NAT. There you should see your network.
3. Check IP address by using the command: Ip address. If you just say Ip and then enter, it will show you the different options you can use.
4. Install OpenSSH on the terminal by entering in the following command: “sudo apt-get install OpenSSH-server” in the terminal. Also run “sudo apt-get update” to make sure everything’s updated.
5. check the IP addresses of your server. To do this, you need to enter in the following command: “Ip address.” Make note of this as you will need it to transfer a file over. Here’s exactly what to look for.A screen shot of a computer

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6. The next thing to do is to enter in: scp filename user@ip\_address:/home/user. Make sure to replace with actual username, ip address and path to directory. For example:A screenshot of a computer

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7. 