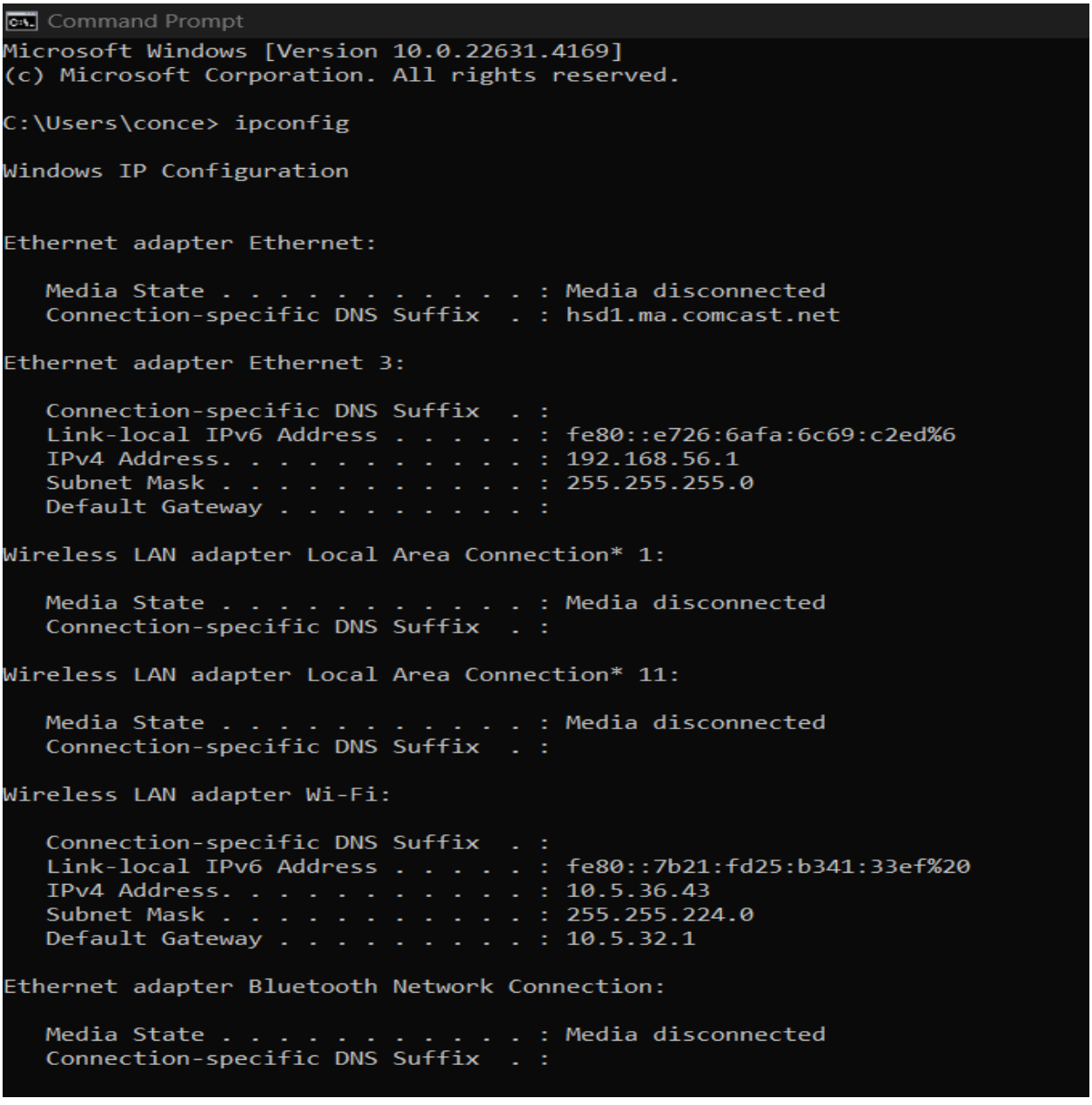
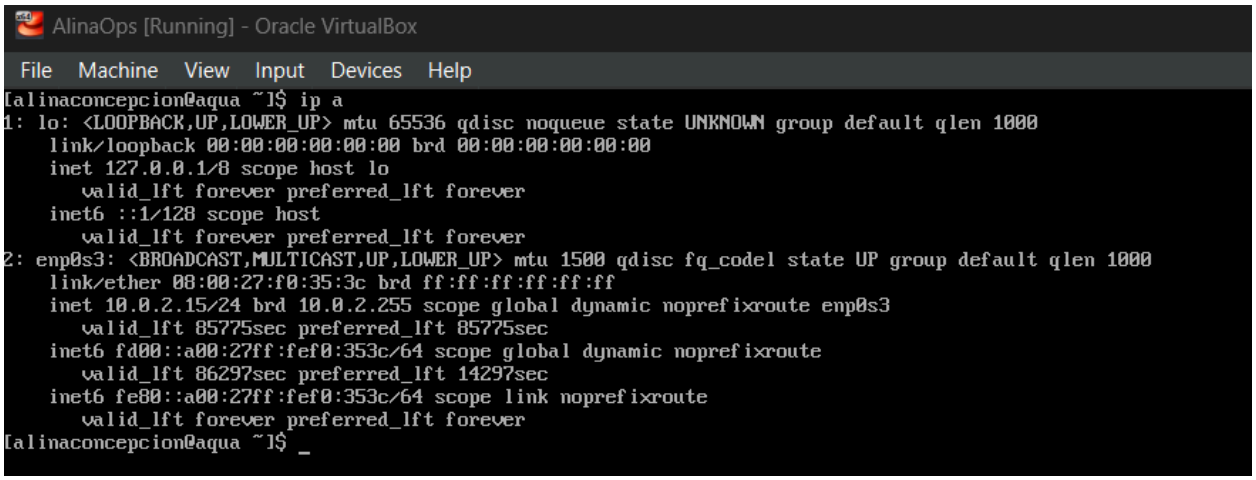
Wanna Fileshare? Locate the IP address.

If you want to fileshare between your windows machine and your virtual machines (Ubuntu and CentOS), you must be able to find the IP addresses for each, so that they can be able to “find” each other and share files.

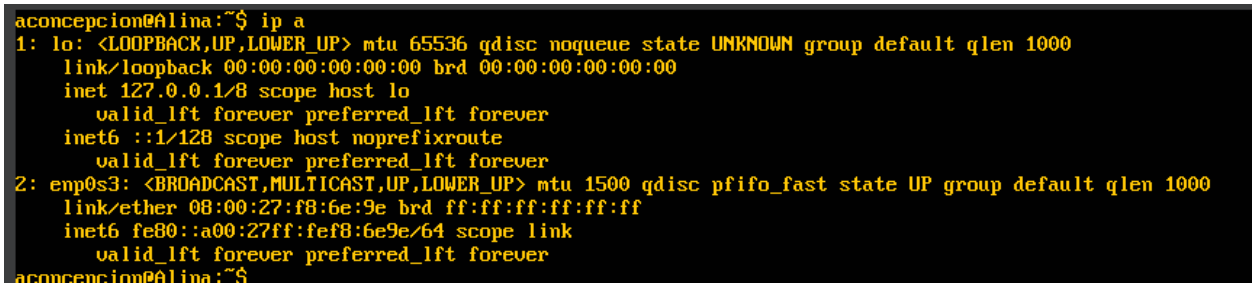
- To find the IP address on your windows machine, you must go to the command prompt, the command prompt is a very useful tool. With certain commands we can do certain things like run commands as admin, check battery health and find out the IP address to our host machine. We will be focusing on finding out the IP. After opening the command prompt, type ipconfig and it will display all of the ip address information. What we are looking for is the IPv4 address that is located under the wireless LAN adapter Wi-Fi section.



To locate the ip address on CentOS, sign into your machine and the command prompt will automatically appear, type ip a and the ip address information will appear. We are looking for the inet information under enp0s3.

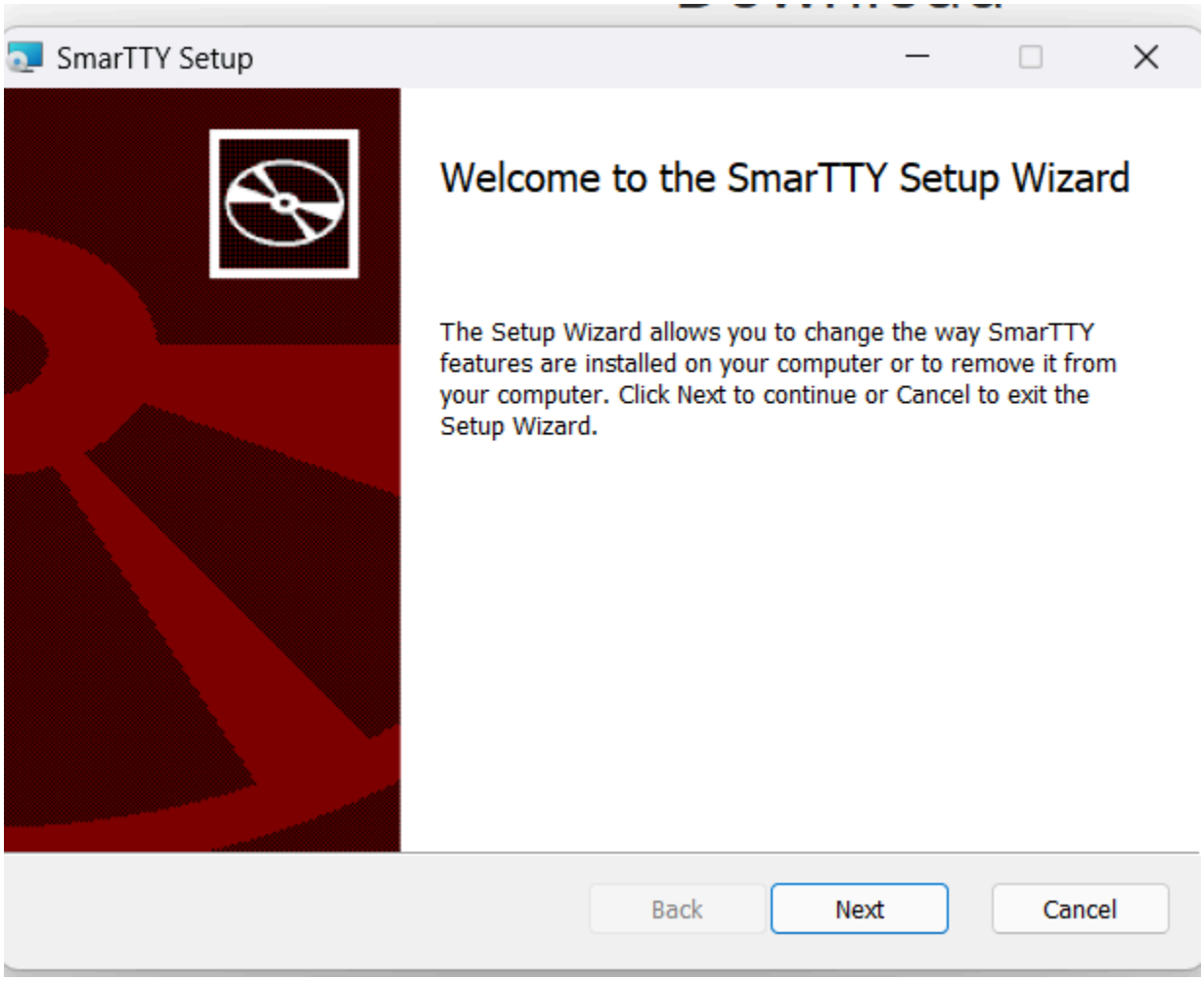


To locate the ip address on Ubuntu , it is the same process, sign into the machine and type ip a an the ip address information will appear.

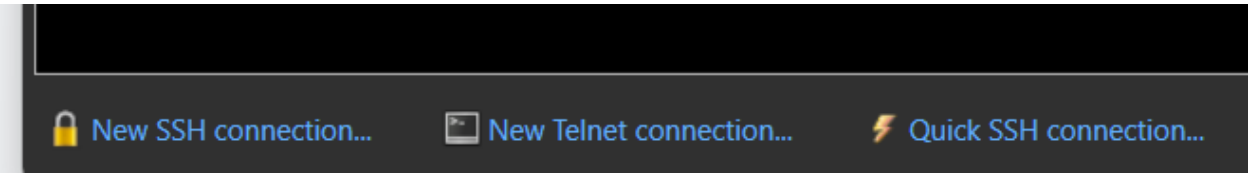


File Sharing using SmarTTY

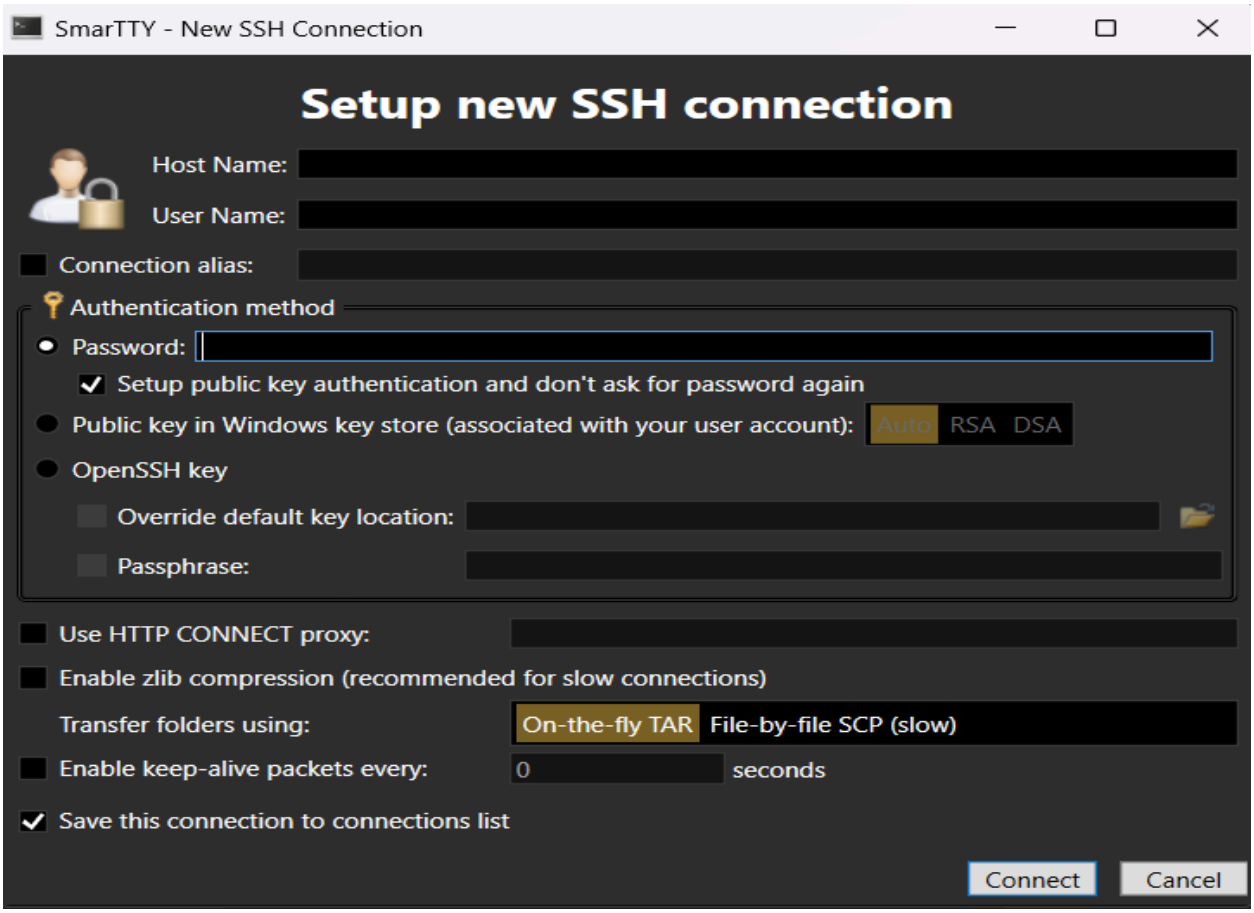
Go to https://sysprogs.com/SmarTTY/download/ and click Download, after it downloads click to open and click “Next”. Everything else is left basic as there’s not any customizations that need to be set up during download.

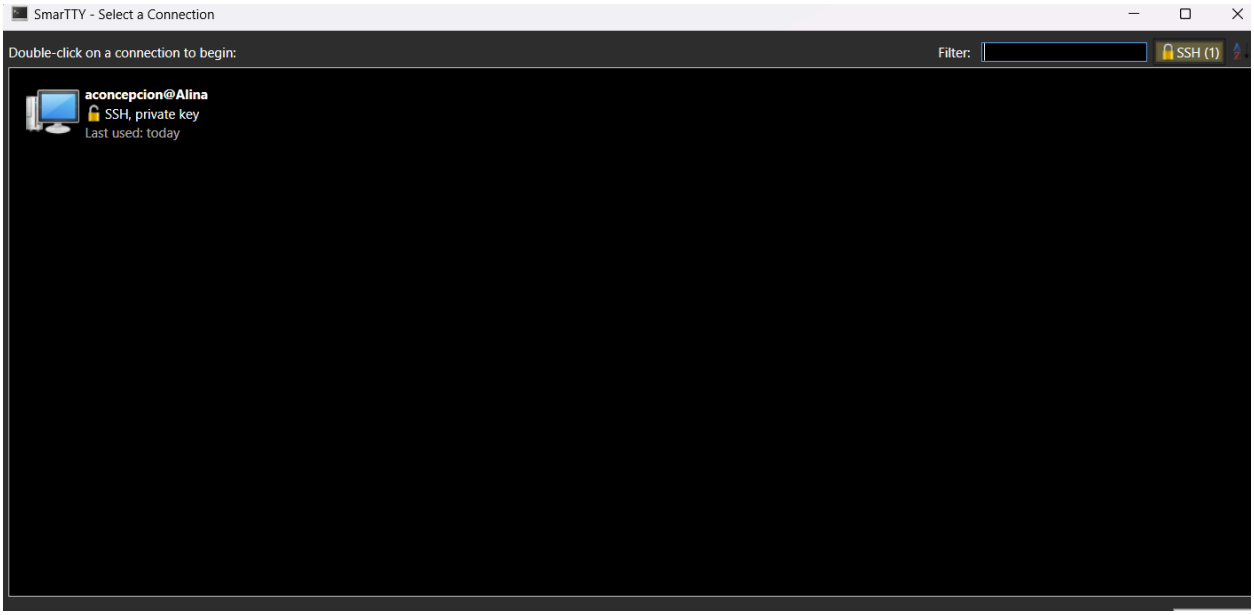


When the SmarTTY program opens, there are three choices to select, “New SSH connection” which I will show you how to do below, then there is “Quick SSH connection” which requires the machine name and password then there is “New Telnet connection” which you can connect to using the ip address.

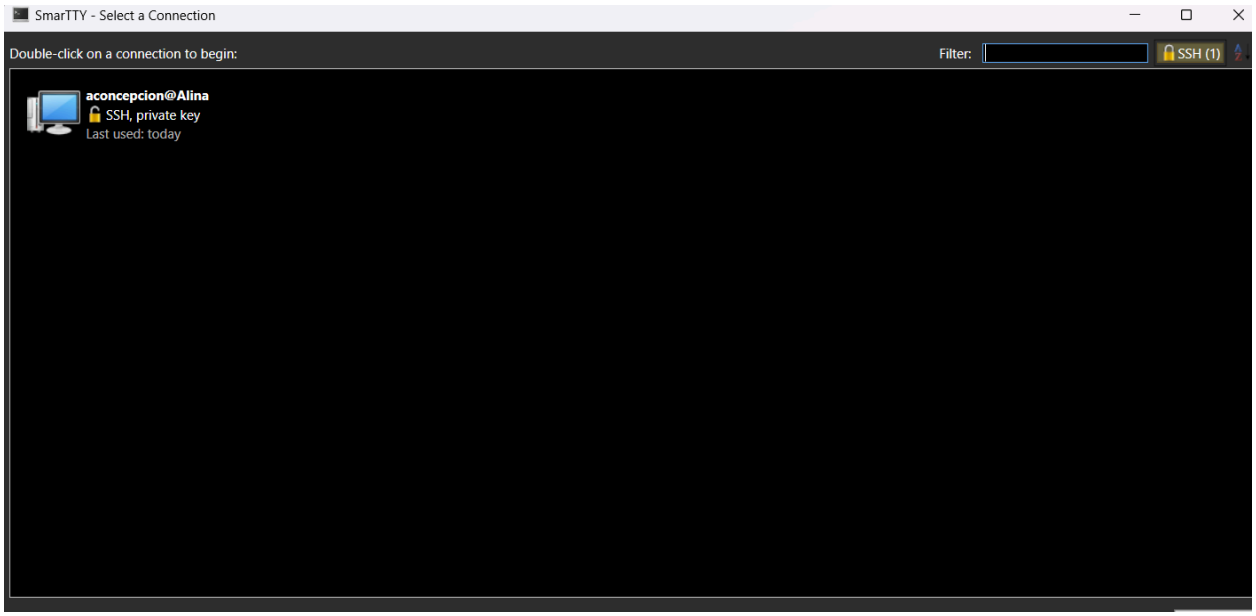


Click “New SSH connection”, then it will prompt you to fill out this section in order for your window’s machine to connect to linux/virtual machine. Fill out the Host Name, User Name, Password and select “Connect”

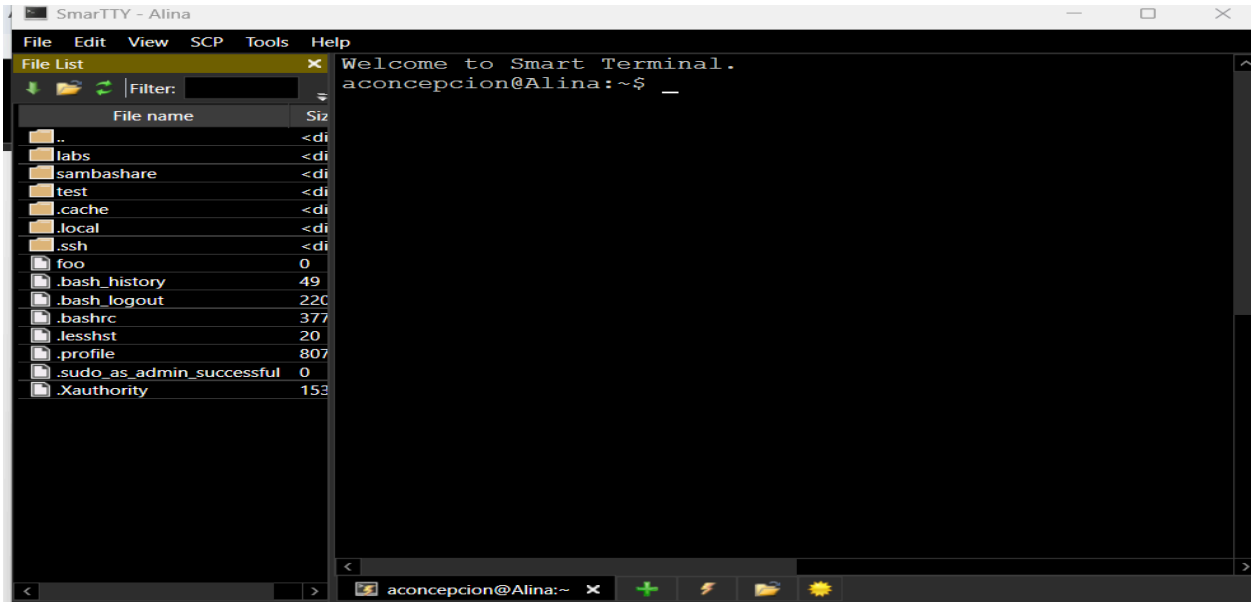




You will see it added to your connections list. Double click, make sure you have your virtual machine powered on too (Ubuntu or Centos).

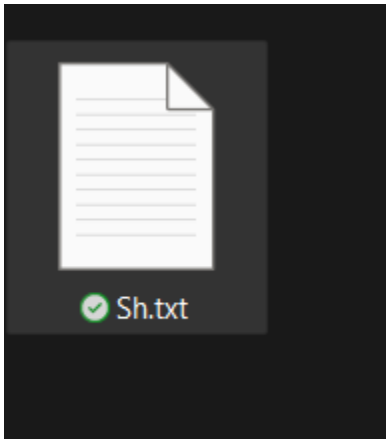


When SmarTTY is open it will display the files and directories in your virtual machine.

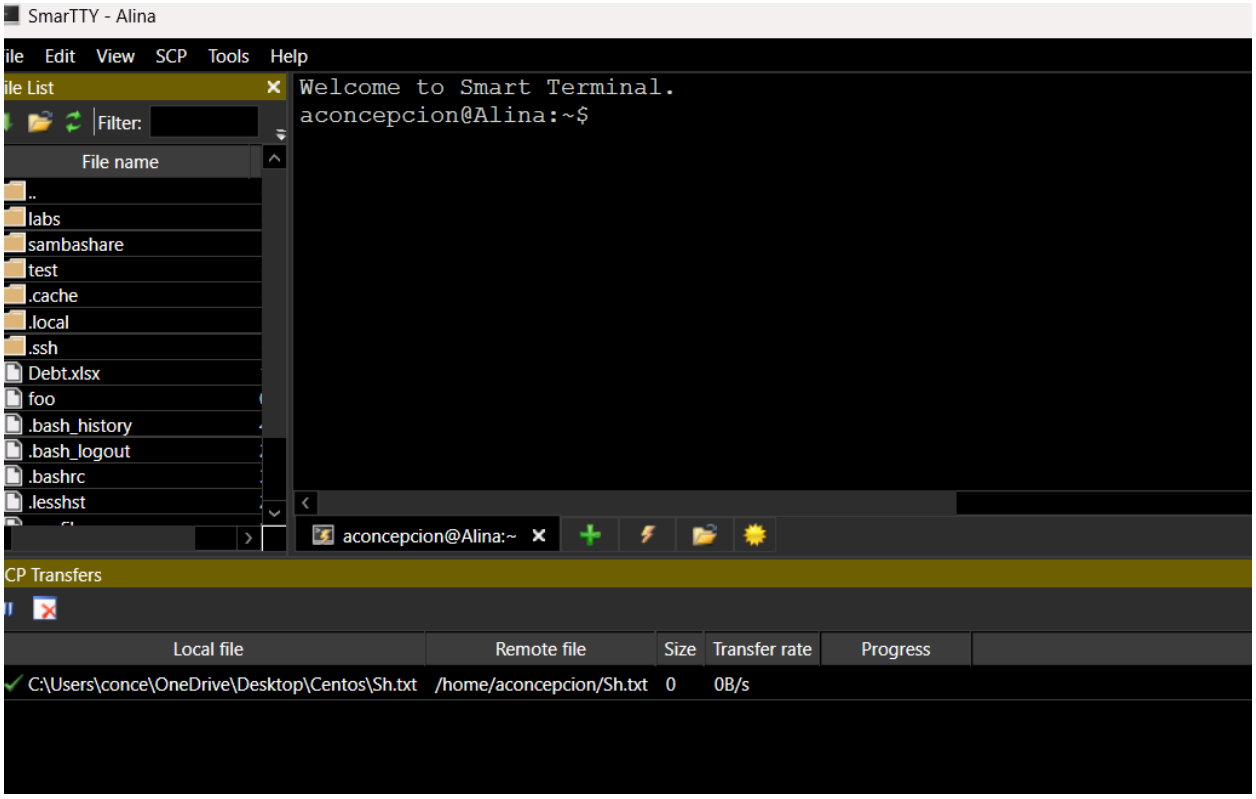


There are a few different ways to share files using SmarTTY, but the easiest way is to click “view” and from the drop down menu select “scp transfers” and locate the file you would like to transfer from your windows machine onto your virtual machine.

I created a random .txt file to transfer onto my virtual machine.



I opened the folder on my windows machine and dragged and placed it where it says “local file”. Now it will appear in my virtual machine.



Here it is now in my virtual machine. I also tested it with other files and directories too.