Virtual Machine Setup

Note:

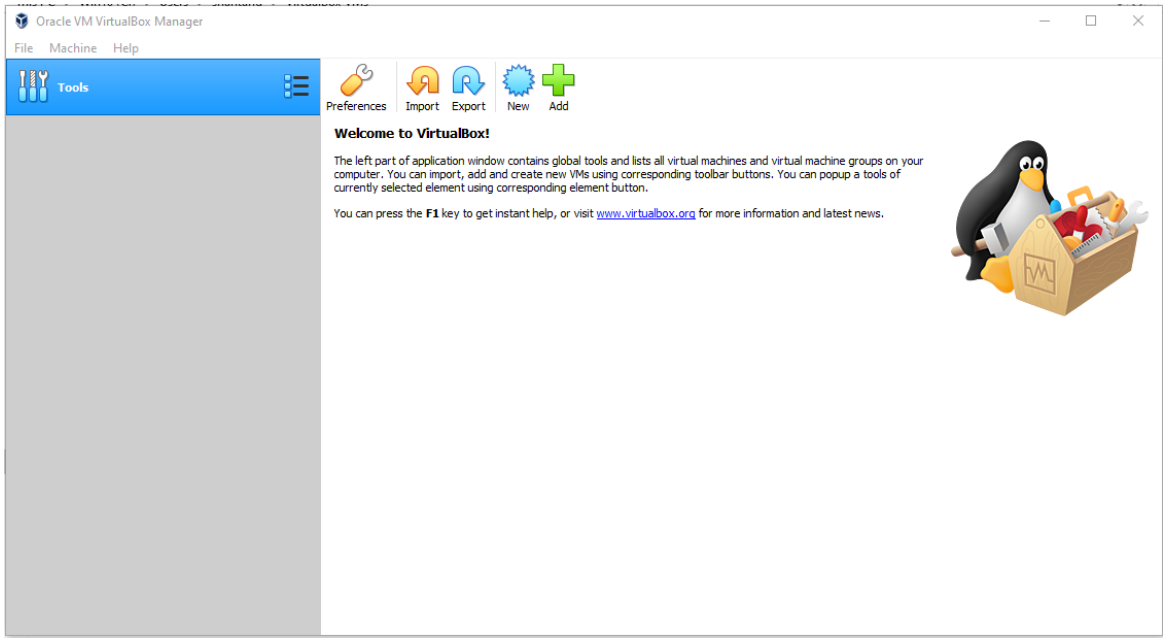
1. Make sure you have copied the bundle as **c:\<dump-home>**

LAB 1: Install VirtualBox Software and Import the VM

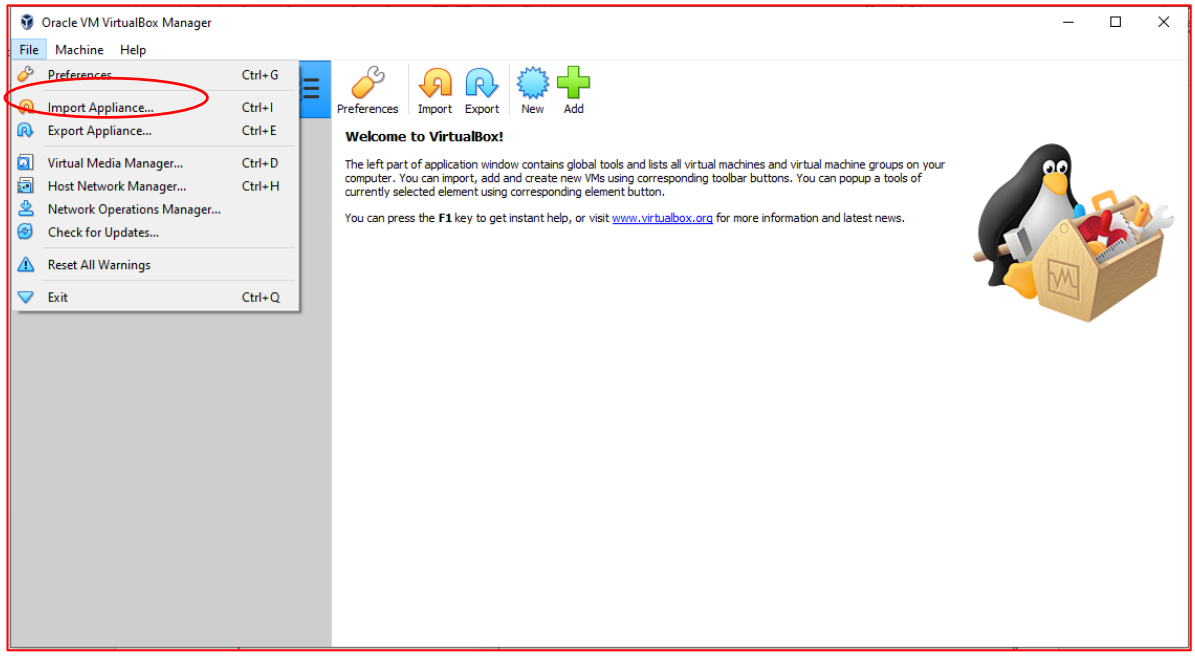
- To install VirtualBox it is necessary to enable virtualisation in your computer (Verify and Enable it)
- Double click “VirtualBox-6.xxx.exe” from c:\<dump-home>\VM folder and follow the On Screen instructions
- Once the installation is complete then start the VirtualBox Manager. See the following Screen

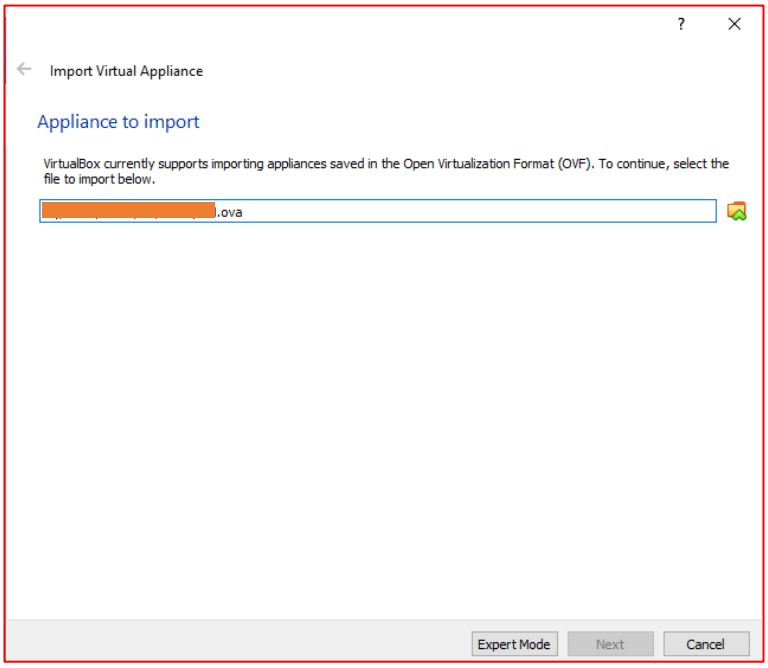
Double click on 

It starts VIrtualBox Manager as below

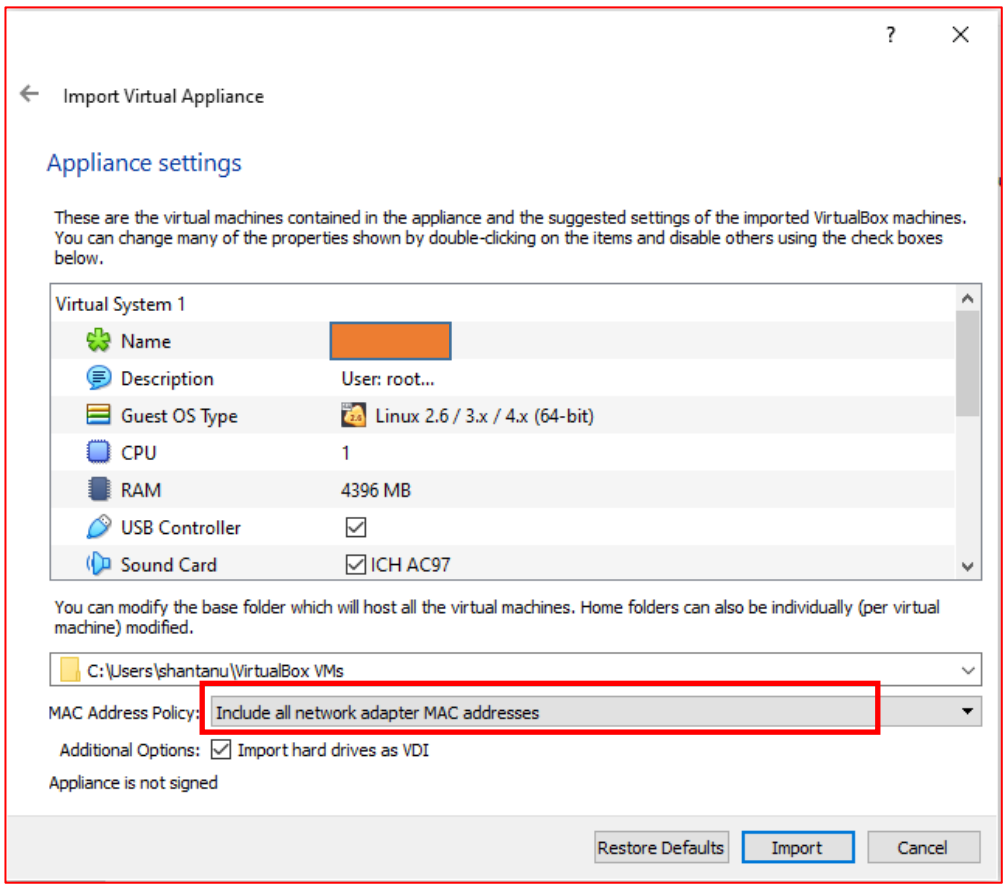


Click on File>Import Appliance and navigate to ‘<dump-home>/VM’ folder and select the ‘.ova’ file and click on Next button

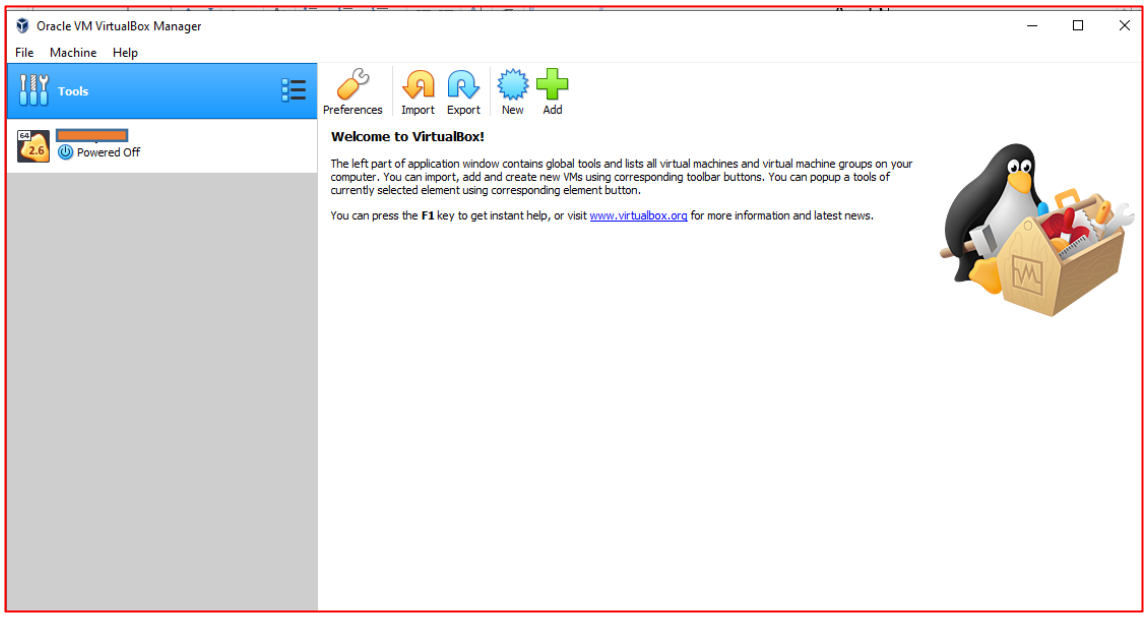




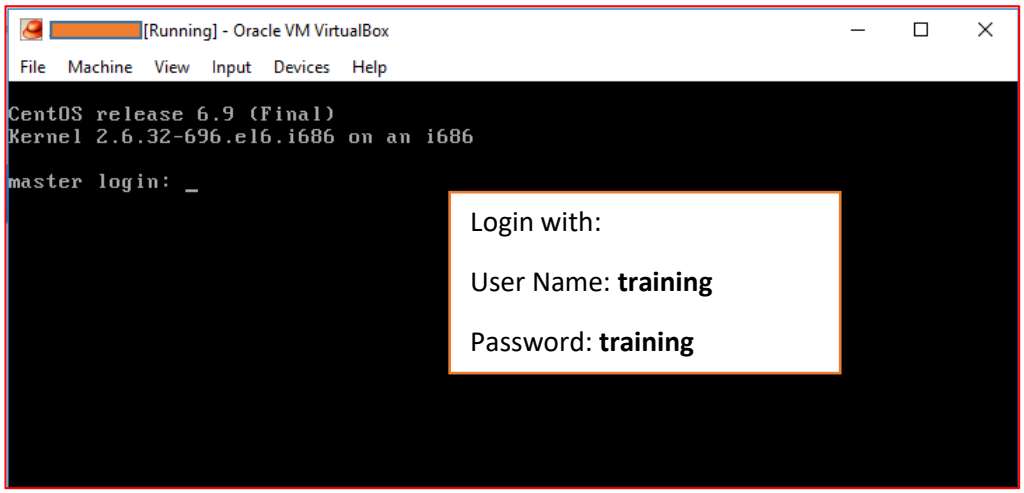
In the Next Screen Change the name of the Linux VM to “Your Preferred Name” and then Import

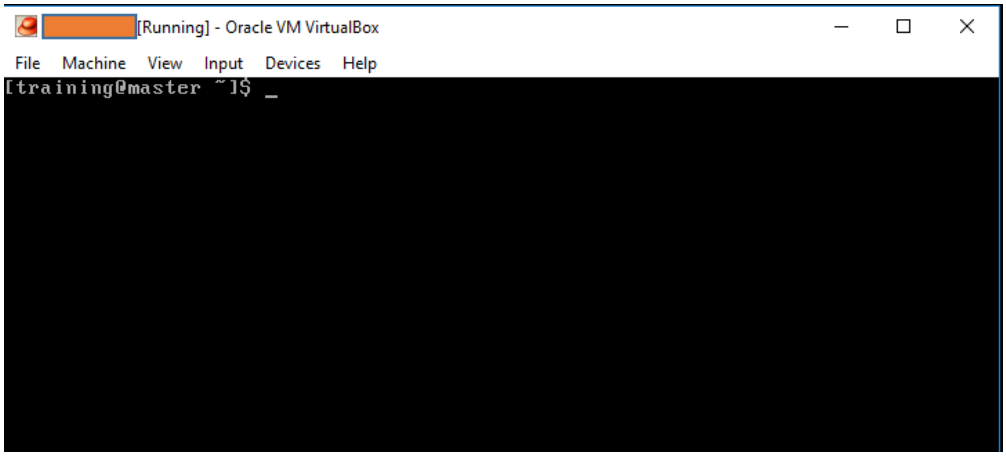


Once it is imported your screen should look like the following:



Start the Virtual machine by clicking the start button. After the VM Starts, it looks like the following screen.





$ifconfig

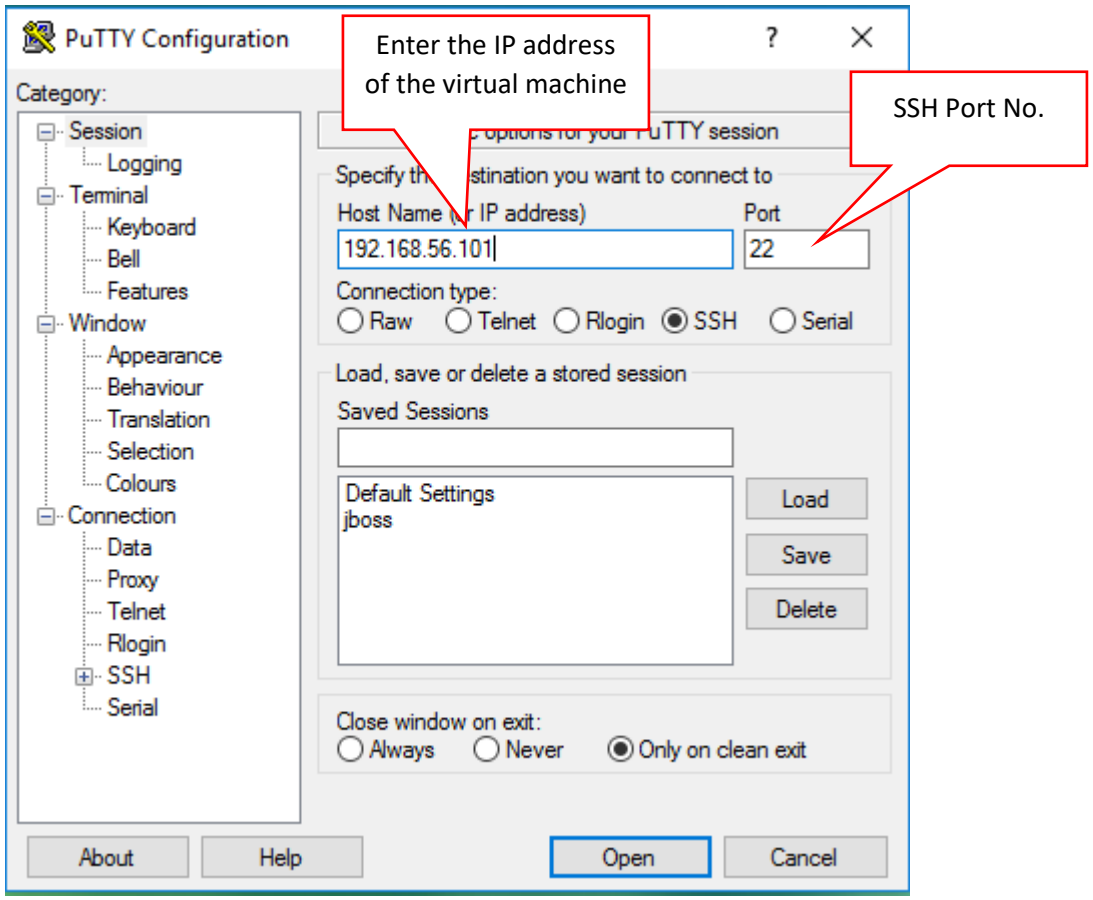
```
[training@master ~]$
[training@master ~]$ ifconfig
eth1      Link encap:Ethernet  HWaddr 08:00:27:4A:77:41
          inet addr:192.168.56.101  Bcast:192.168.56.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe4a:7741/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:14 errors:0 dropped:0 overruns:0 frame:0
          TX packets:10 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3268 (3.1 KiB)  TX bytes:1272 (1.2 KiB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 b)  TX bytes:0 (0.0 b)
```

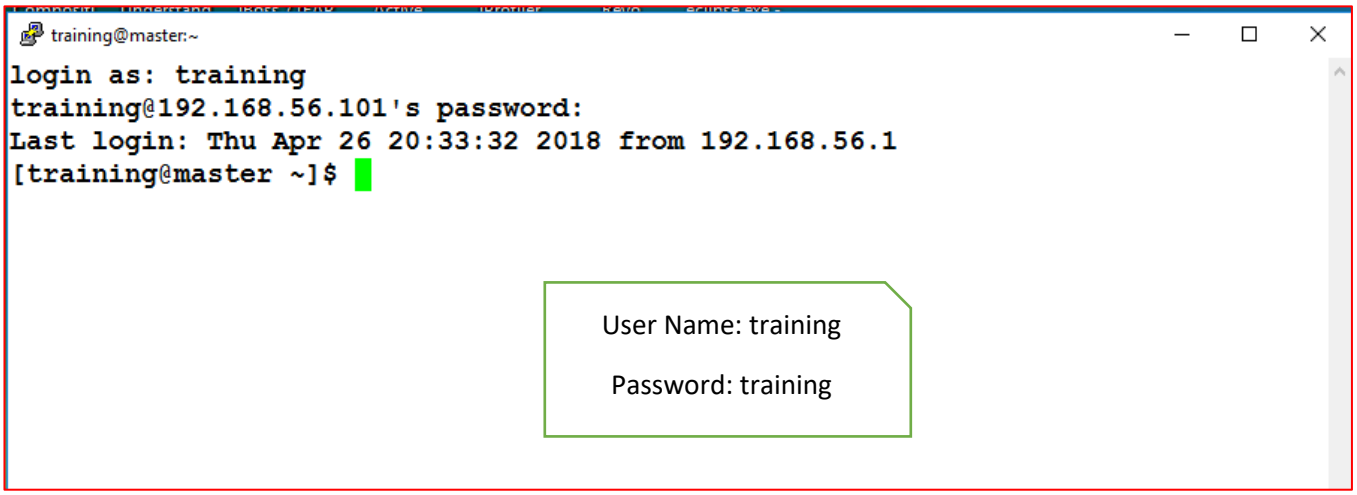
IP Address for the VM Now is 192.168.56.101

LAB2: Connect the VM using Putty and WInSCP

1. **Putty Connection**:
   Double click on putty.exe. Putty opens and the following screen appears:



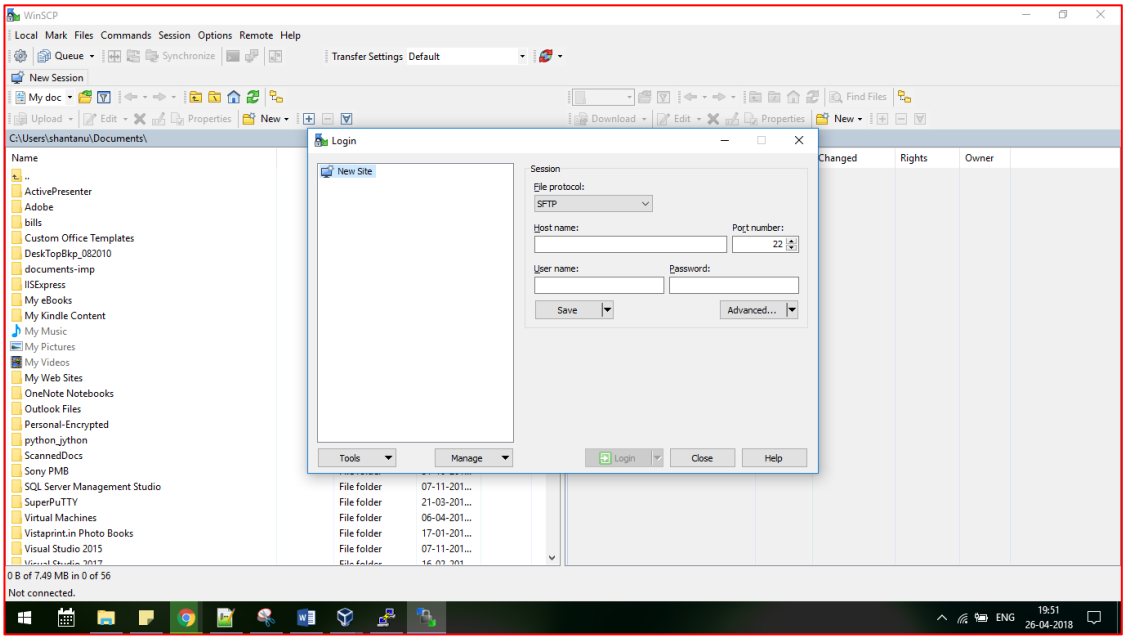
Provide the IP address and SSH port and press “Open”



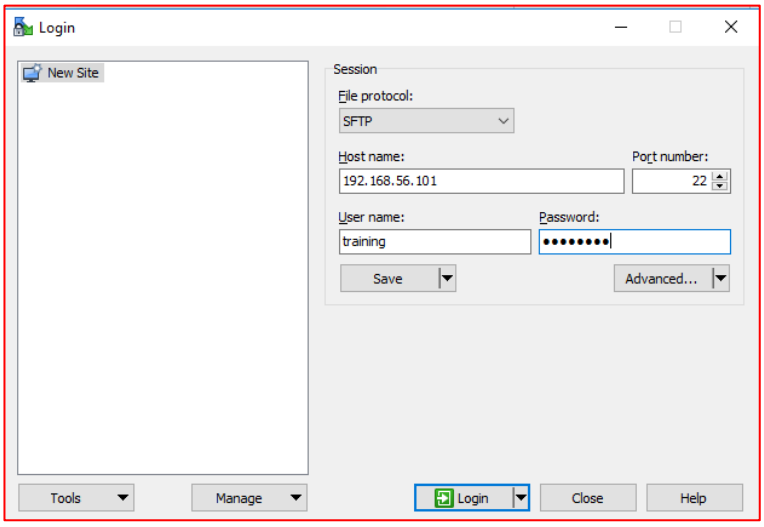
YOU ARE NOW CONNECTED TO THE VM USING PUTTY

2. WinSCP Connection: (Install WInSCP, if required and then do the following)

Double Click on WinSCP and it opens as follows:

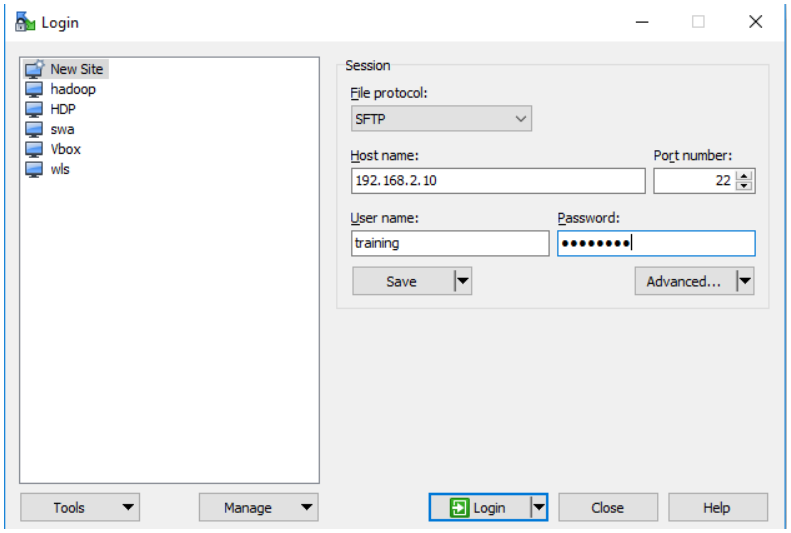


Provide IP Address, username and password and click on save. Save the configuration as <whatever name you want>.



1. Use **winscp** from host machine to copy training bundle to Linux VM e.g.

(**Note: Skip to "Install Java" Step if you have already transferred the training bundle to your linux VM**.)



User Name: training

Password: training