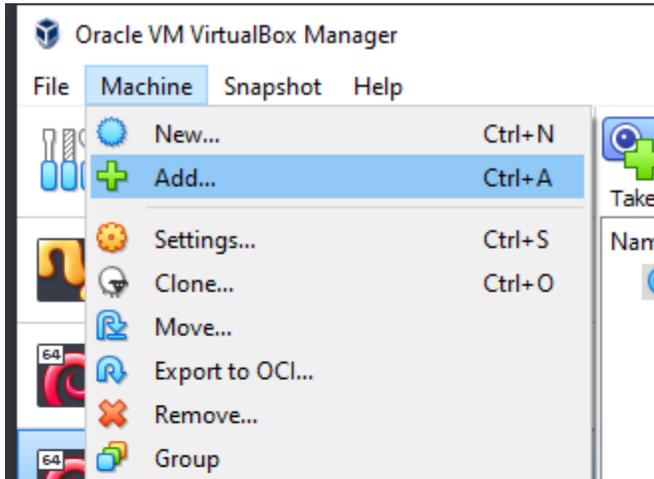


## Virtual Box and Virtual Machine Setup Guide

Visit <https://www.virtualbox.org/wiki/Downloads> and download the version of Virtual box that matches your Operating System.

Install Virtual Box through the installer you downloaded.

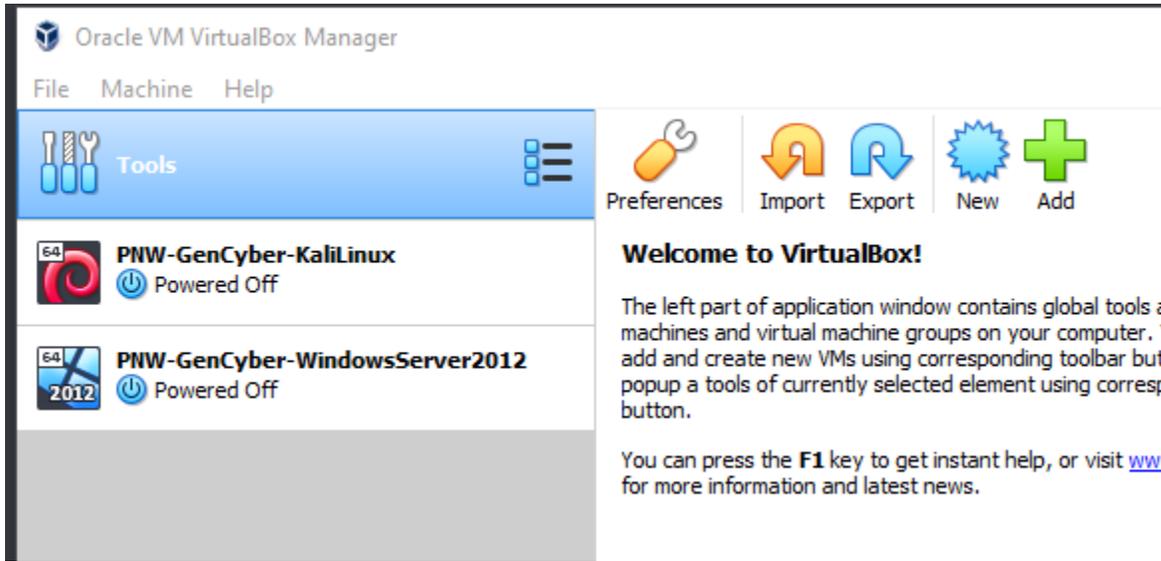
Open Virtual Box and navigate to Machine -> Add...



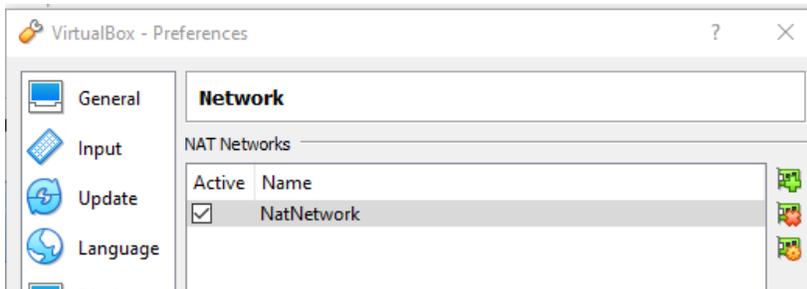
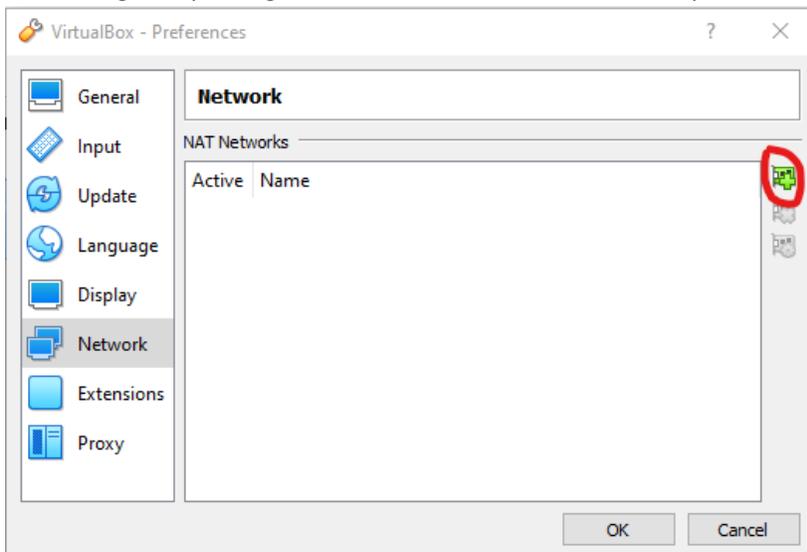
Navigate to the location of your Virtual Machines, select the .vbox file, and click Open.

Name	Date modified	Type	Size
Logs	6/18/2021 4:04 PM	File folder	
Snapshots	6/17/2021 6:47 PM	File folder	
PNW-GenCyber-KaliLinux.vbox	6/18/2021 4:09 PM	VirtualBox Machin...	4 KB

Repeat the previous step for the PNW-GenCyber-WindowsServer2012 VM

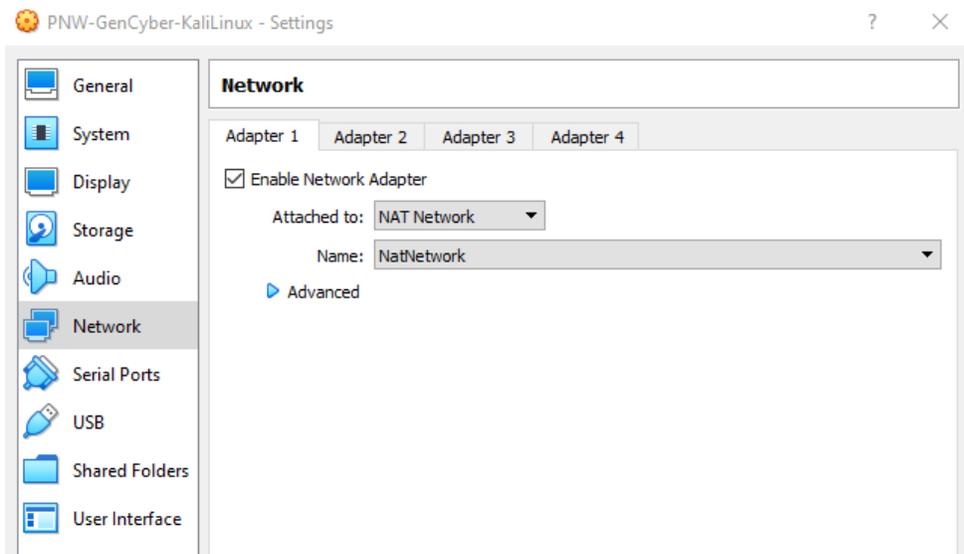


Go to File -> Preferences, then go to the Network section on the left-hand side. Press the green plus sign icon to create a NatNetwork and press Okay



Right-Click on either Virtual Machine and click Settings.

Go to the Network section and make sure the Network Adapter is Attached to: NAT Network with network name NatNetwork.



Repeat the previous step for the other Virtual Machine

Double-Click or select a VM and press start to launch the VM

Enter the user credentials if prompted:

Kali Username: root

Kali Password: toor

Windows Server 2012 Username: lab250

Windows Server 2012 Password: toor

Windows Server 2012:

Open command prompt from the desktop and enter ipconfig

The IPv4 Address should be: 10.0.2.4

```
C:\Users\lab250>ipconfig

Windows IP Configuration

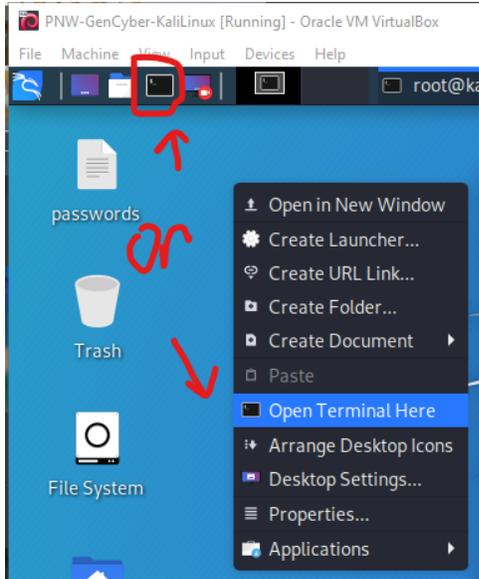
Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : pnw.edu
    Link-local IPv6 Address . . . . . : fe80::a03a:41f4:dbcb:3371%15
    IPv4 Address. . . . .             : 10.0.2.4
    Subnet Mask . . . . .            : 255.255.255.0
    Default Gateway . . . . .        : 10.0.2.1
```

Kali Linux:

Create a new terminal by right-clicking on the desktop and selecting open terminal here, or by pressing the terminal emulator button on the top left, and enter ifconfig

The inet address should be: 10.0.2.15



```
root@kali: ~  
File Actions Edit View Help  
root@kali: ~  
root@kali:~# ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  
    inet 10.0.2.15 netmask 255.255.255.0  
    inet6 fe80::a00:27ff:fe1e:4a3 prefixlen 64  
    ether 08:00:00:08:00:00 txqueuelen 1000  
    MTU 1500
```