

Lab Setup

1. In this lab we will be using Kali VM and Python.
2. Navigate to the 'Lab VMs' dropbox and download Kali VM (highlighted below).



3. Ensure you have download Virtual Box.
4. Refer to the section 'Importing a Virtual Machine' in 'Virtual Box Manual.pdf'
5. Refer to the section 'Configuring Network Settings' in 'Virtual Box Manual.pdf'
 - Follow the instructions for NAT network settings
6. Refer to the section 'Running the VM' in 'Virtual Box Manual.pdf'
 - This will start the VM in a new window
7. Once the machine is started, proceed to login using 'root' as username and 'toor' as password. The password is the reverse of 'root' and everything is in small letters.
8. On the VM, right click on the desktop and select 'Open Terminal'. Type 'ifconfig' and ensure your IP is in the form of 10.0.2.x. This shows that your VM is ready for the lab.

```
root@mssd-labs-kali:~# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.17 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::a00:27ff:fe06:c6af prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:06:c6:af txqueuelen 1000 (Ethernet)
    RX packets 11 bytes 2658 (2.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 27 bytes 2791 (2.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

9. Follow the instructions [here](#) to install Python3.