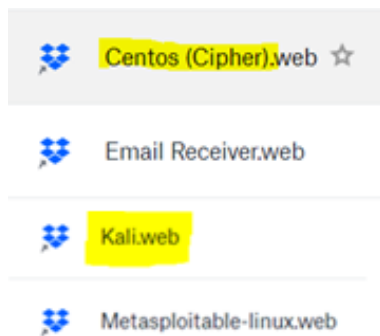


## Lab Setup

1. All VMs for 'Security Tools Lab 1' can be found here .  
<https://www.dropbox.com/sh/6ihgtw4thtrga5s/AADbDlbYK0t0YRK7znN21xgEa?dl=0>
2. In this lab we will be using 'Kali VM' and 'Centos (Cipher)' VM. Download the highlighted VMs from the above link. If you've downloaded the Kali VM previously, you won't have to do it again.



3. We will also be using Python3. See instructions [here](#).
4. Ensure you've downloaded [Virtual Box](#) and refer to the manual ([here](#))
5. Refer to the section 'Importing a Virtual Machine' in 'Virtual Box Manual.pdf'
6. Refer to the section 'Configuring Network Settings' in 'Virtual Box Manual.pdf'
  - Follow instructions for **Host Network settings** for both the Centos and the Kali VM
  - Ensure you're **not** using 'NAT' or 'NAT Network' for both
7. Refer to the section 'Running the VM' in 'Virtual Box Manual.pdf'
  - Start both Centos and Kali VM
8. Once the machines are started, proceed to login using 'root' as username and 'toor' as password on the Kali VM. **Do not login into the Centos (Cipher) VM.**
9. On the Kali VM, right click on the desktop and select 'Open Terminal'. Ensure your IP is in the following format.

```
root@mssd-labs-kali:~# ifconfig
eth0: flags=4163<UP, BROADCAST, RUNNING, MULTICAST> mtu 1500
    inet 192.168.56.8 netmask 255.255.255.0 broadcast 192.168.56.255
    inet6 fe80::a00:27ff:fe06:c6af prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:06:c6:af txqueuelen 1000 (Ethernet)
    RX packets 175 bytes 68407 (66.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 527 bytes 32408 (31.6 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

10. You're now ready for the lab.

