Network Troubleshooting - DHCP

If you are using VirtualBox and find that Metasploitable and Kali have the same IP address, do the following:

1) Connect both VM Network connection to "NATNetwork" and ensure DHCP is enabled
Setting->Preferences->Network

2) Ensure both VM have different MAC address

3) Check /etc/network/interfaces, ensure DHCP is enabled for both VM (i.e the file entries should look the same). You should see the following lines. If not, add and reboot.

```
auto eth0
iface eth0 inet dhcp
```

Network Troubleshooting – Static IP address

1) If DHCP issues persist, you may want to setup static IP addresses for both Meta and Kali

2) Configure your Static IP address (for device eth0) with the following command:
   ```
   ifconfig eth0 <ADDR>
   ```

3) Your Kali and Meta should be using the same gateway. Add your gateway route with the following command:
   ```
   route
   route add default gw <Gateway IPADDR> eth0
   Route
   ping 8.8.8.8
   ```