**MAC Address:**

Mac address is nothing but Media access control address

Which will be

* Physical
* Permanent
* Unique

In a communication, the packets will flow from the source MAC to the destination MAC

Now we are going to change the Mac address of a particular network:

Let’s say you are connected to a wireless adopter and if u run --ifconfig

U can find it as wlan0.

Now run the following commands to change the mac address:

* ifconfig wlan0 down -> Enter

(its disabled now)

* ifconfig wlan0 hw ether 00:11:22:33:55:44

(ether is nothing but a MAC address. If u find ether 00:11:1d:2f:3d… then 00:11:1d:2f:3d… I is your required MAC address)

* ifconfig wlan0 up

now if u run --ifconfig again you will note that the MAC address is changed to 00:11:22:33:55:44

**NOTE:**

We are modifying the address in memory, not the physical address, therefore if you restart the computer, the Mac address will be reset to its original address