

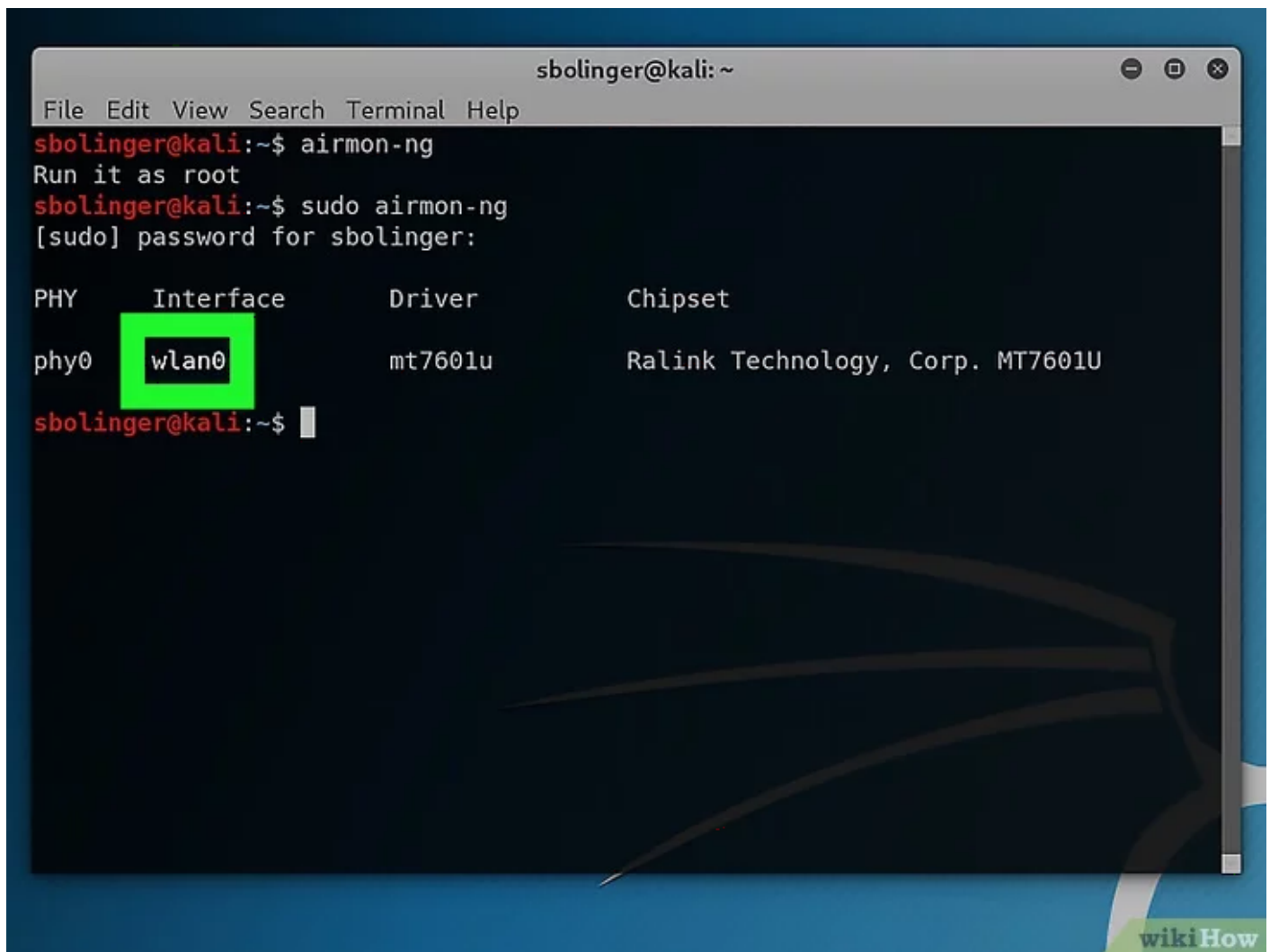
# Aircrack vs. WPA2

Install Aircrack

```
sudo apt-get install aircrack-ng
```

Search for Wlan Adapters

```
sudo airmon-ng
```



```
sbolinger@kali: ~
File Edit View Search Terminal Help
sbolinger@kali:~$ airmon-ng
Run it as root
sbolinger@kali:~$ sudo airmon-ng
[sudo] password for sbolinger:

PHY      Interface      Driver      Chipset
phy0     wlan0          mt7601u     Ralink Technology, Corp. MT7601U
sbolinger@kali:~$
```

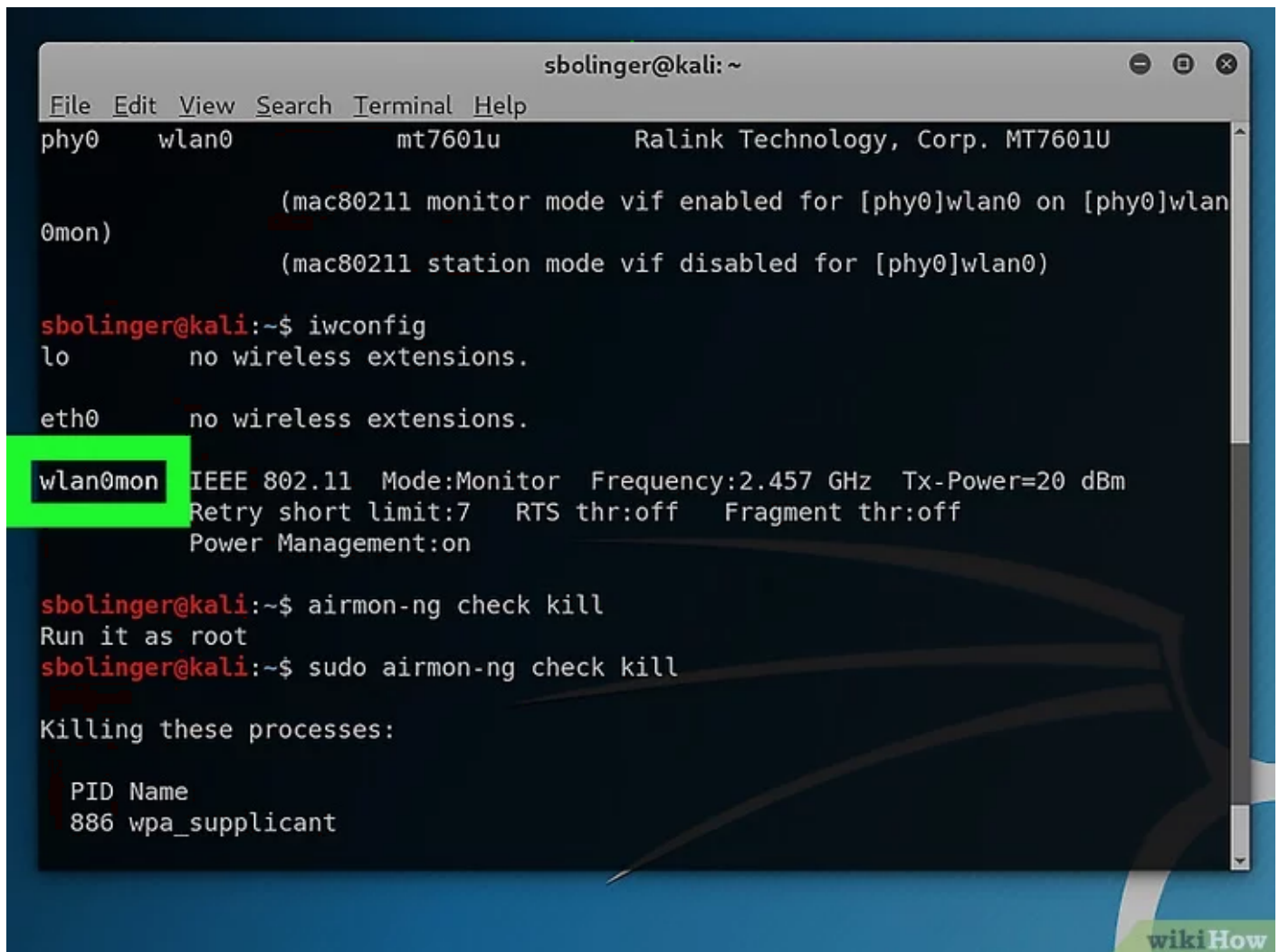
Enable Monitor Mode

```
sudo airmon-ng start wlan0
```

Kill all previous airmon processes

```
sudo airmon-ng check kill
```

Look out for the wireless monitor device

A terminal window titled 'sbolinger@kali: ~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the output of 'airmon-ng check kill', which indicates that the wireless interface 'wlan0' is in monitor mode. The user then runs 'iwconfig' to check the configuration of 'wlan0mon', which shows it is in IEEE 802.11 Mode:Monitor at 2.457 GHz. Finally, the user runs 'airmon-ng check kill' again, and the terminal shows the process 'wpa\_supplicant' being killed.

```
sbolinger@kali: ~  
File Edit View Search Terminal Help  
phy0 wlan0 mt7601u Ralink Technology, Corp. MT7601U  
  
(mac80211 monitor mode vif enabled for [phy0]wlan0 on [phy0]wlan  
0mon)  
(mac80211 station mode vif disabled for [phy0]wlan0)  
  
sbolinger@kali:~$ iwconfig  
lo no wireless extensions.  
  
eth0 no wireless extensions.  
  
wlan0mon IEEE 802.11 Mode:Monitor Frequency:2.457 GHz Tx-Power=20 dBm  
Retry short limit:7 RTS thr:off Fragment thr:off  
Power Management:on  
  
sbolinger@kali:~$ airmon-ng check kill  
Run it as root  
sbolinger@kali:~$ sudo airmon-ng check kill  
  
Killing these processes:  
  
PID Name  
886 wpa_supplicant
```

Exec airodump-ng with the Monitor device

```
sudo airodump-ng wlan0mon
```

# work in progress

Revision #1

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