

WiFi BANDS

- Decides the **frequency** range that can be used.
- Determines the **channels** that can be used.
- Clients need to support band used by router to communicate with it.
- Data can be sniffed from a certain band if the wireless adapter used supports that band.

- Most common WiFi Bands are:
 - **a** uses 5 Ghz frequency only.
 - **b, g** both use 2.4 Ghz frequency only.
 - **n** uses 5 and 2.4 Ghz.
 - **ac** uses frequencies lower than 6 Ghz



DEAUTHENTICATION ATTACK

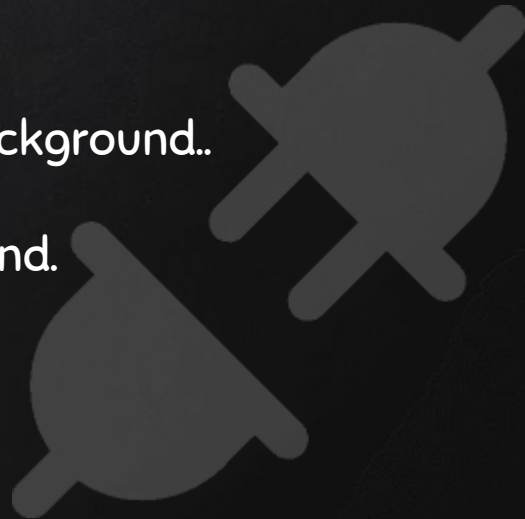
- **Disconnect** any client from any network.
- **No** need to connect to the network.
- **No** need to know its key.
- Works against **all** wifi networks:
 - WEP.
 - WPA.
 - WPA2



DEAUTHENTICATION ATTACK

AGAINST MULTIPLE CLIENTS

- Run the **same** command multiple times.
- Tips:
 - Use **&** at the end of the command to run it in the background..
 - Use **&>/dev/null** to redirect the output to null.
 - Use **jobs** to see commands running in the background.
 - Use the **kill** command to stop a specific command.



DEAUTHENTICATION ATTACK

AGAINST ALL CLIENTS CONNECTED TO A NETWORK

Disconnects **all** clients connected to a specific network.

- Run the **same** aireplay-ng command.
- Set the BSSID of target network.
- Omit the -c argument (the client argument).

