WIFI Hacking Using Kali Linux

Sir I don't have an external network adapter , so I will explain the procedure of WIFI Hacking using Kali Linux by step

Step 1 :- Open Kali Linux

+ First of all we need to install **Kali linux** in our system.

+ Open **Kali Linux** open terminal and you have to type **"sudu iwconfig"** to see the interfaces available in our computer and click **Enter**.

+ You will see **wlan0** , it is the external network adapter available in our Computer.

+ Then we have to convert **manage mode** to **monitor mode.**

Step 2 :- Converting to Monitor mode

+ Type **"sudo airodump-ng wlan0mon"**.

+ It will copy the details of connected devices to the adapater.

+ Select any of the target mentioned there.

+ Concentrate on one channel to hacking.

Step 3 :- Capture the packets which are getting transferred to the WIFI

+ Type **"sudo airodump -c 2 -w [network name] -d [network IP address] Wlan0mon"**.

+ Wait till any devices connect to that network.

+ Open another terminal and type **"sudo aireply -ng --deauth 0 -a [network IP address] wlan0mon"** and enter.

+ Stop when packets are collected.

Step 4 :- Return to the terminal that opened first

+ Type **"ls"** and captured files will be mentioned at first.

+ Type **"wireshark act-01-cap"** [example].

+ Wireshark will open and we can see captured packets.

+ Type **"eapol"** to see authenticated packets.

+ Authenticated packets are mentioned and section is captured Successfully.

+ Create a dictionary list of passwords.

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Step 5 :- Creating dictionary list of passwords

+ Type **"crunch"** + minimum letter + maximum letter [**eg: 8 8** and given Random letters **eg:673627292732 + -0 test.txt .**

+ The number we given to make the password lines will be reflects in The password lines mentioning by clicking the **enter** button.

+ Then output will be displayed

Step 6 :- Comparing password list with the captured file

+ Type **"sudo aircrack-ng + [early mentioned network captured flie name] [eg:-act01.cap] -w and type the path of the password list that where Saved"**.

+ Compare the password list and captured file.

+ we will getting the password mentioning **key found**

WIFI HAS SUCCESSFULLY HACKED !