HACKING WI-FI NETWORK

OBJECTIVE

The objective of this report to showcase the method of hacking using Offensive hacking tools present in Kali Linux operating system.

Wi-Fi is a family of wireless network protocols based on the IEEE 802.11 family of standards, which are commonly used for local area networking of devices and Internet access, allowing nearby digital devices to exchange data by radio waves.

A “WiFi hack” is any technique used to gain unauthorized access to a WiFi network. Typically, this is done by exploiting security flaws or vulnerabilities, allowing the attacker to steal confidential information or disrupt the network's normal operations.

TOOLS

The tool that are required in this report are :

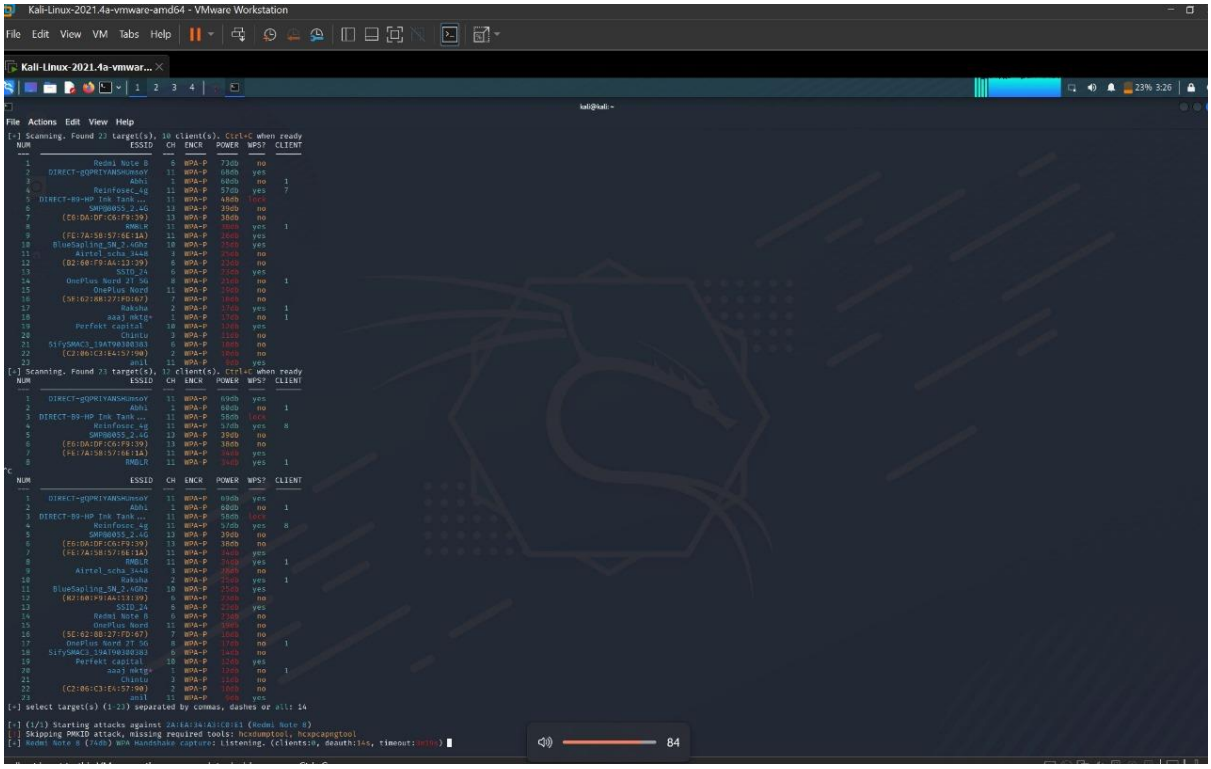
1. Fern Wi-Fi cracker
2. wifite
3. Kismet

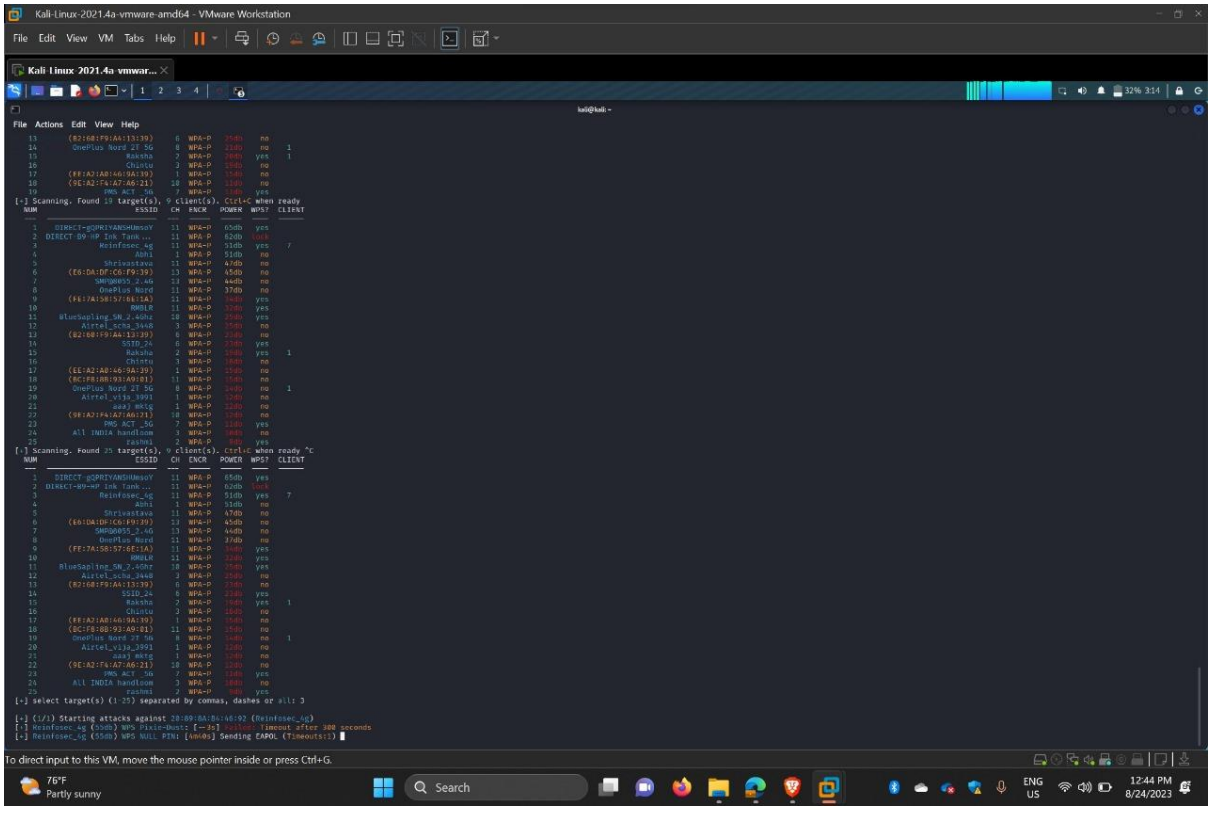
METHODOLOGY

The steps involved in this report are:

1. Open kali Linux
2. Open Fern Wi-Fi cracker
3. Connect to Alpha adapter
4. Give the target IP address
5. Finally, after successful connection the password is displayed.

PROOF OF CONCEPT





CONCLUSION

In conclusion, unauthorized hacking of Wi-Fi networks poses significant risks to individuals, organizations, and the broader digital ecosystem, emphasizing the critical importance of robust security measures, ethical behavior, and responsible online practices to safeguard against potential threats and breaches of privacy.