CYBERSECURITY DAILY DIARY

DAY-15
DATE- 7 July, 2025

Topics Covered:

- Install Kali Linux in VM

- Allocate resources, complete installation, enable snapshots.

What did I learn:

Today I completed the installation of **Kali Linux** in my virtual lab. This wasn't just a technical task—it was a foundational moment in building my cybersecurity environment. Every step felt like laying bricks for the analyst I'm becoming.

- ◆ **Resource Allocation**

I chose **VirtualBox** as my hypervisor and allocated:

- **2–4 GB RAM** depending on workload
- **2 CPU cores** for multitasking
- **20–40 GB disk space** (dynamically allocated)
- **Bridged or NAT network adapter** for internet access and packet capture

This setup balances performance with flexibility, letting me run tools like Wireshark, Nmap, and Metasploit without lag.

- ◆ **Installation Steps**

- Mounted the **Kali ISO** in VirtualBox.
- Booted into the installer and selected **Graphical Install**.
- Configured hostname, timezone, and user credentials.
- Chose **guided partitioning** with all files in one partition.
- Installed GRUB bootloader and completed setup.

The first boot felt like unlocking a new dimension—Kali greeted me with its sleek interface and powerful toolset.