README ✎ ☰

Install-VMWare-Install-Kali-Linux-and-Install-Sleuth-Kit

AIM:

To install VMware, set up Kali Linux as a virtual machine, and install Sleuth Kit for digital forensic analysis.

DESIGN STEPS:

Step 1:

Install VMware Workstation Player on your system and download the Kali Linux ISO from its official website.

Step 2:

Create a new virtual machine in VMware using the Kali Linux ISO, configure the hardware settings, and complete the installation of Kali Linux.
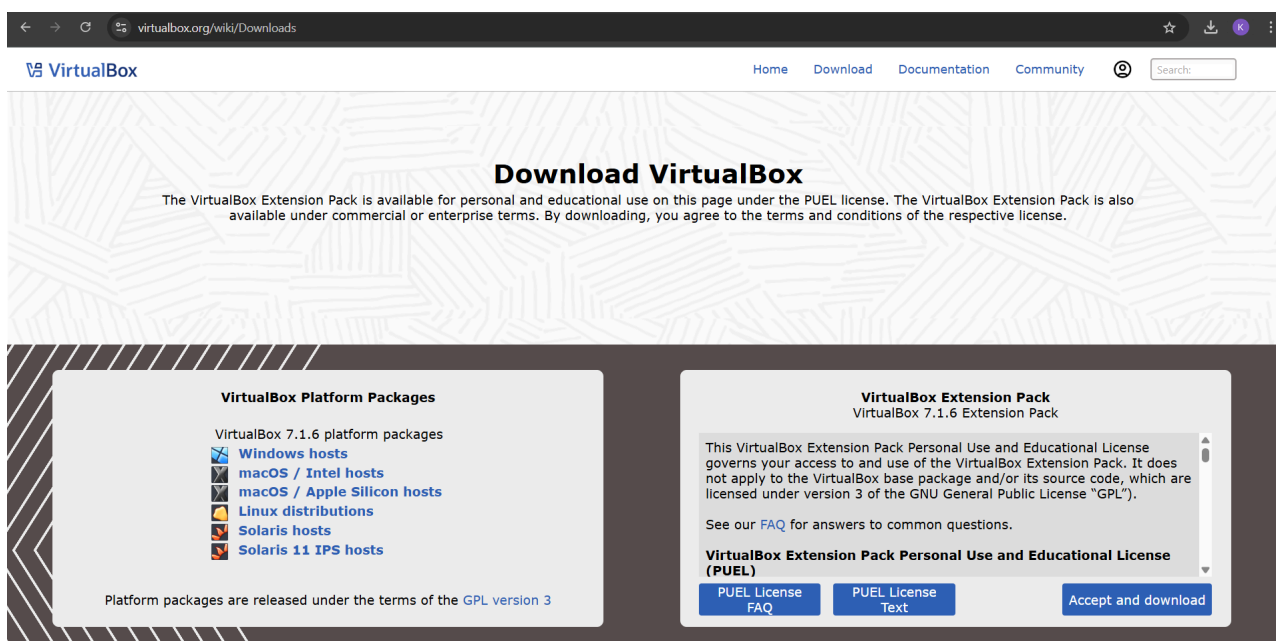
Step 3:

Open the terminal in Kali Linux and run the command sudo apt install sleuthkit to install Sleuth Kit.

PROGRAM:

Step 1: Install VirtualBox

1. Download the Windows hosts .exe file from the official VirtualBox website.
2. Run the installer and follow the on-screen instructions.
3. Once installed, launch VirtualBox to verify the installation.

Step 2: Install Kali Linux on VirtualBox
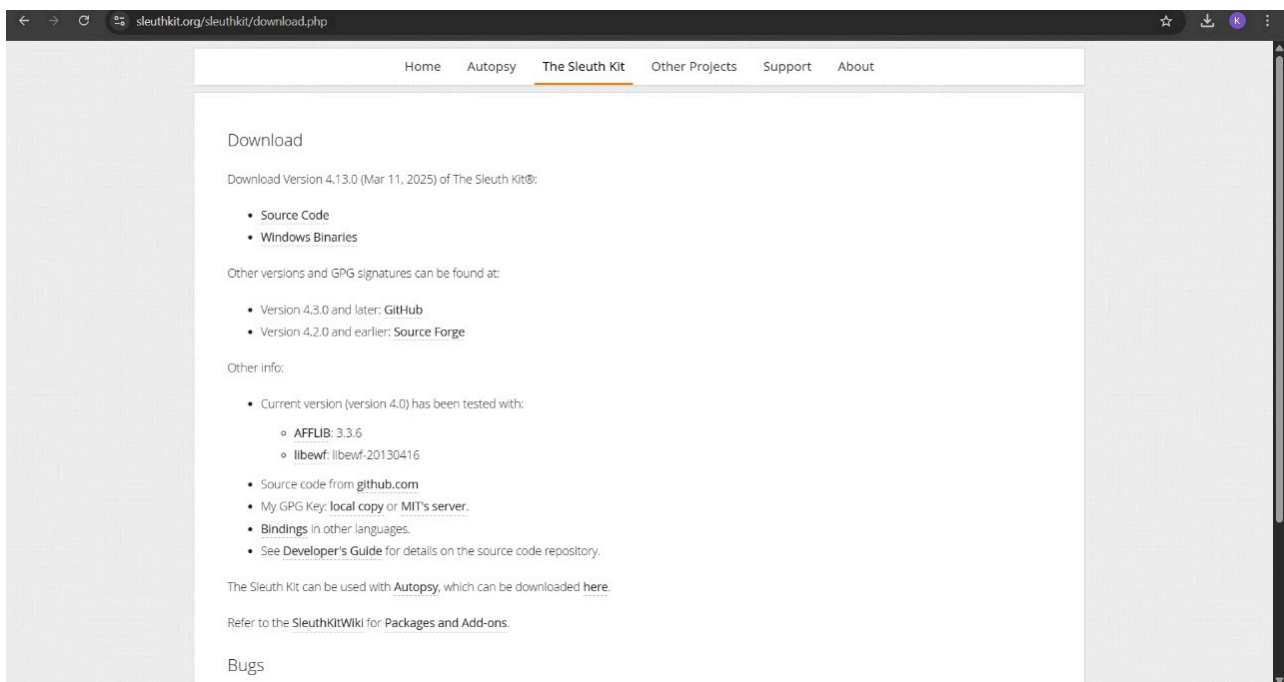
1. Download the Kali Linux ISO file.Open VirtualBox, click New, enter "Kali Linux", select Type: Linux and Version: Debian (64-bit).

2. Set RAM to at least 4GB ,Set disk storage to at least 30GB, choose Dynamically Allocated or Fixed Size, and create the VM.

3. Go to Settings > Storage, click Empty under Controller: IDE.

4. Select Graphical Install, follow the prompts to set language, location, username, and password.

5. Choose Partitioning Method (Guided - Use Entire Disk) and wait for installation to complete.
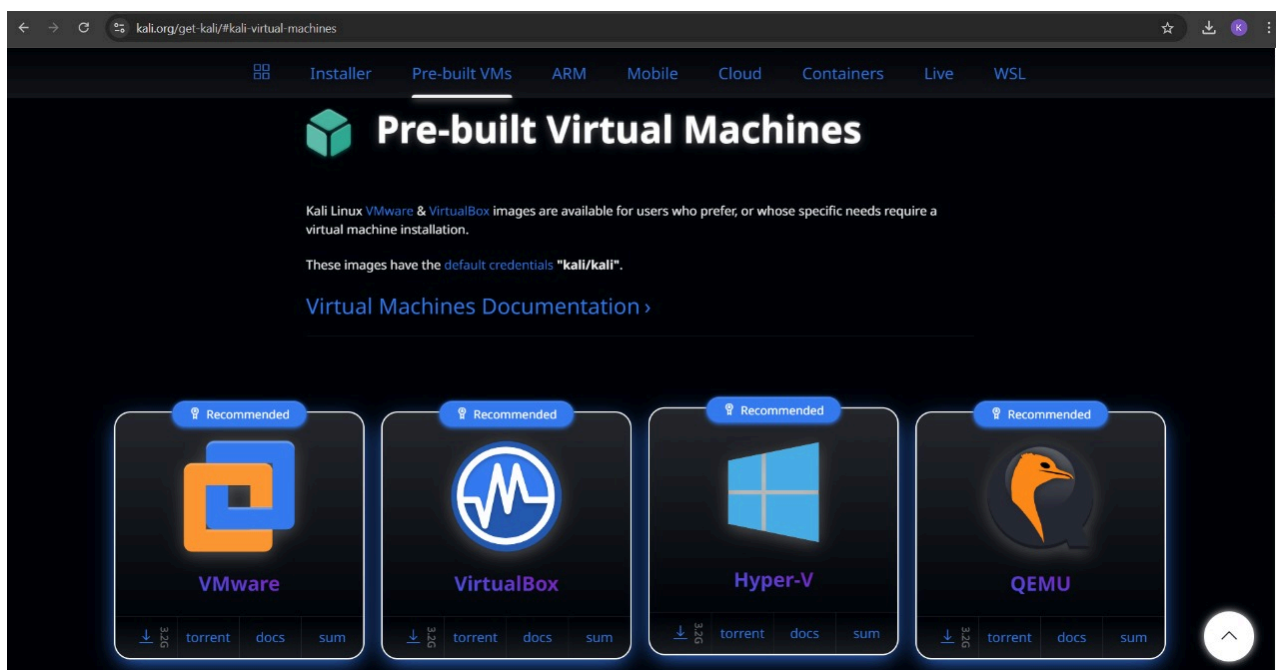
## Step 3: Install Sleuth Kit (CLI-based Forensic Tools)

1. Download the Windows ZIP package from the official website.

2. Extract the ZIP folder and move it to a suitable directory (e.g., C:\sleuthkit).

3. Add the bin folder to Windows PATH:

   - Open Control Panel → System → Advanced System Settings.

   - Click Environment Variables → Edit Path.

   - Add the Sleuth Kit bin folder path and save changes.
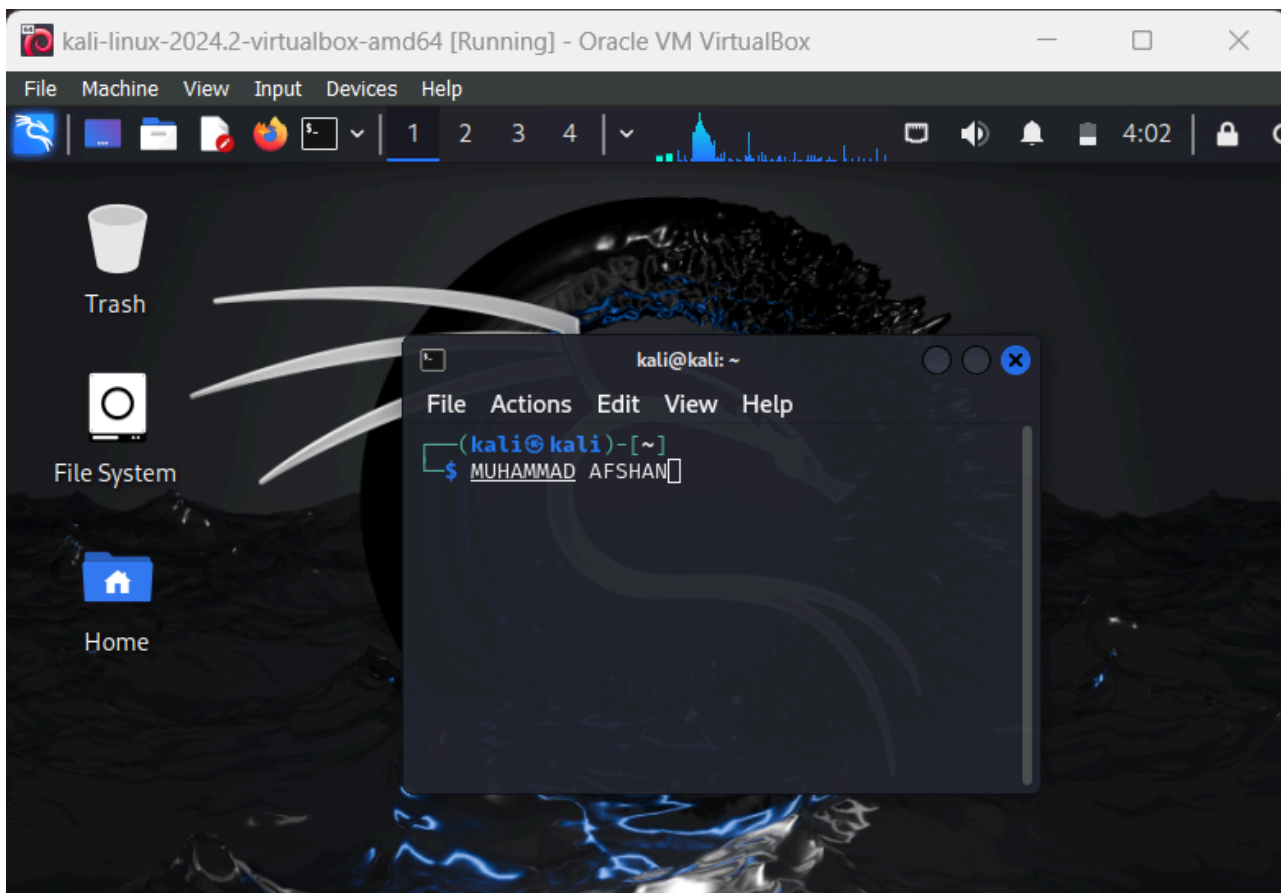
4. Verify installation by running:
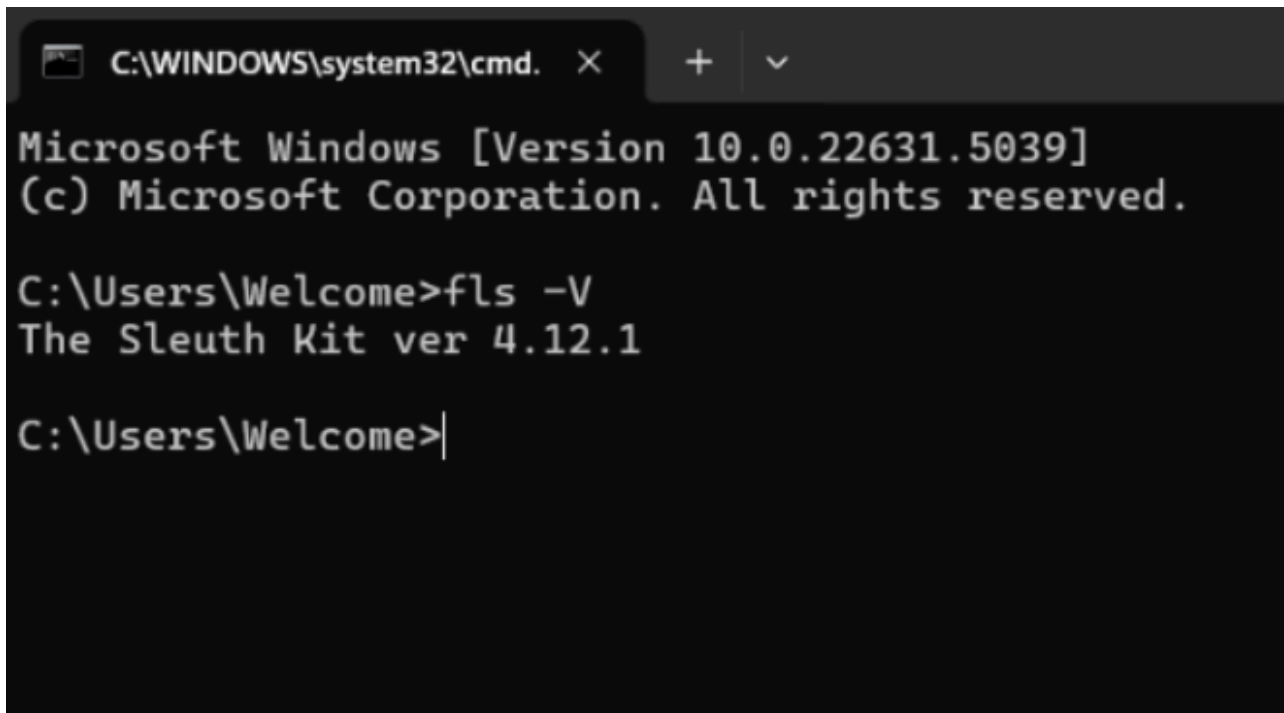
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fls -V
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OUTPUT:

Virtual Box:
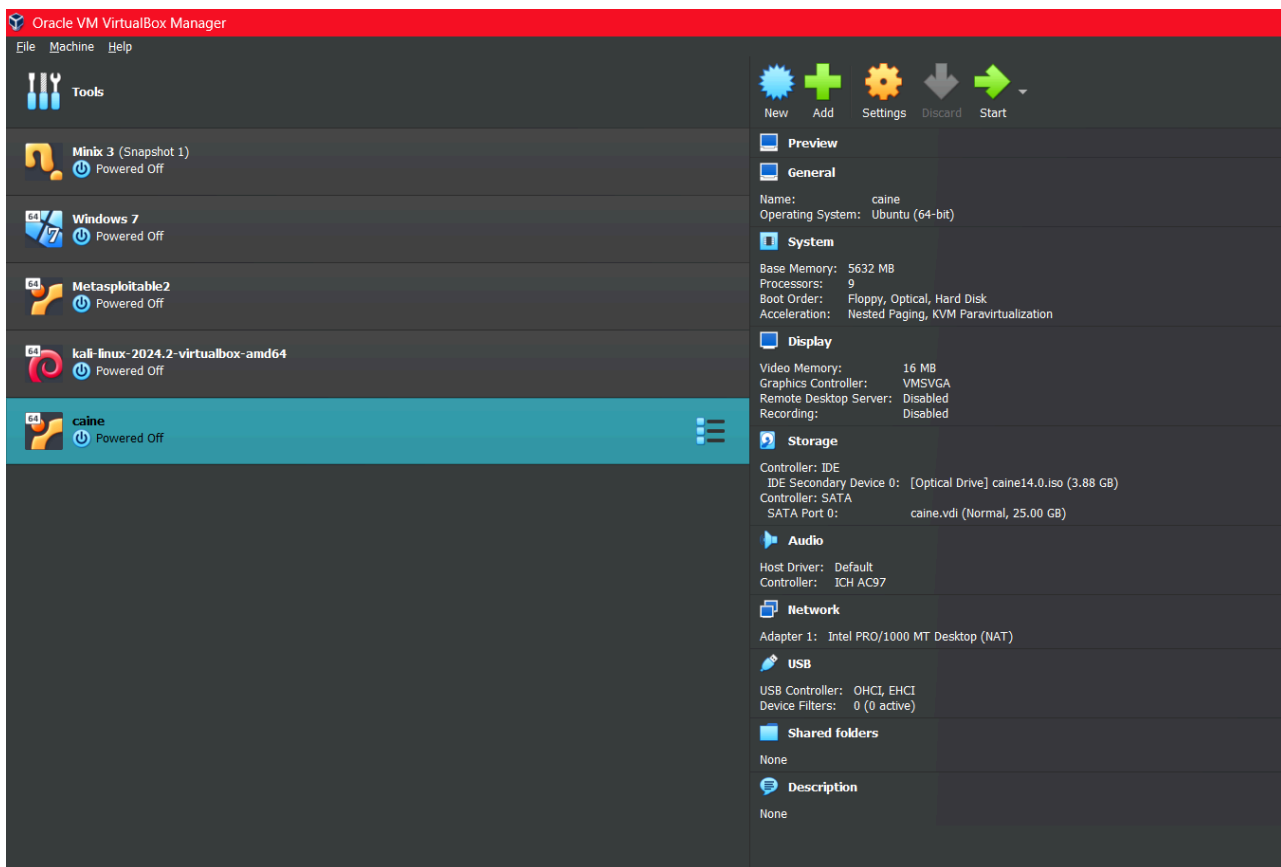
Virtual Machine (Kali Linux):

Sleuth Kit:

RESULT:

The setup and installation of VMware, Kali Linux, and Sleuth Kit was completed successfully.