Kali and Burp suite installation guide

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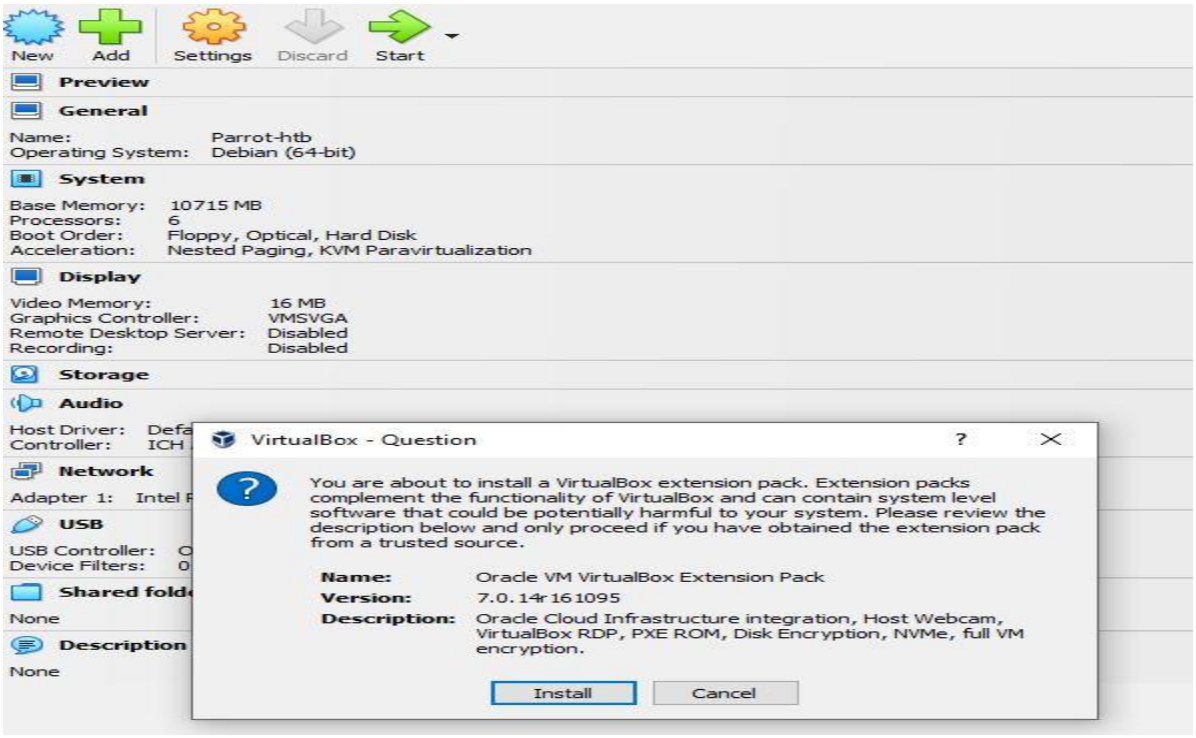
The aim of this guide is to install Kali linux and burp suite

https://www.virtualbox.org/wiki/Downloads

As shown in the above screenshot click on the highlighted package in our case it's 'Windows hosts'. As most of us are using windows machine this guide is only suitable for windows users.

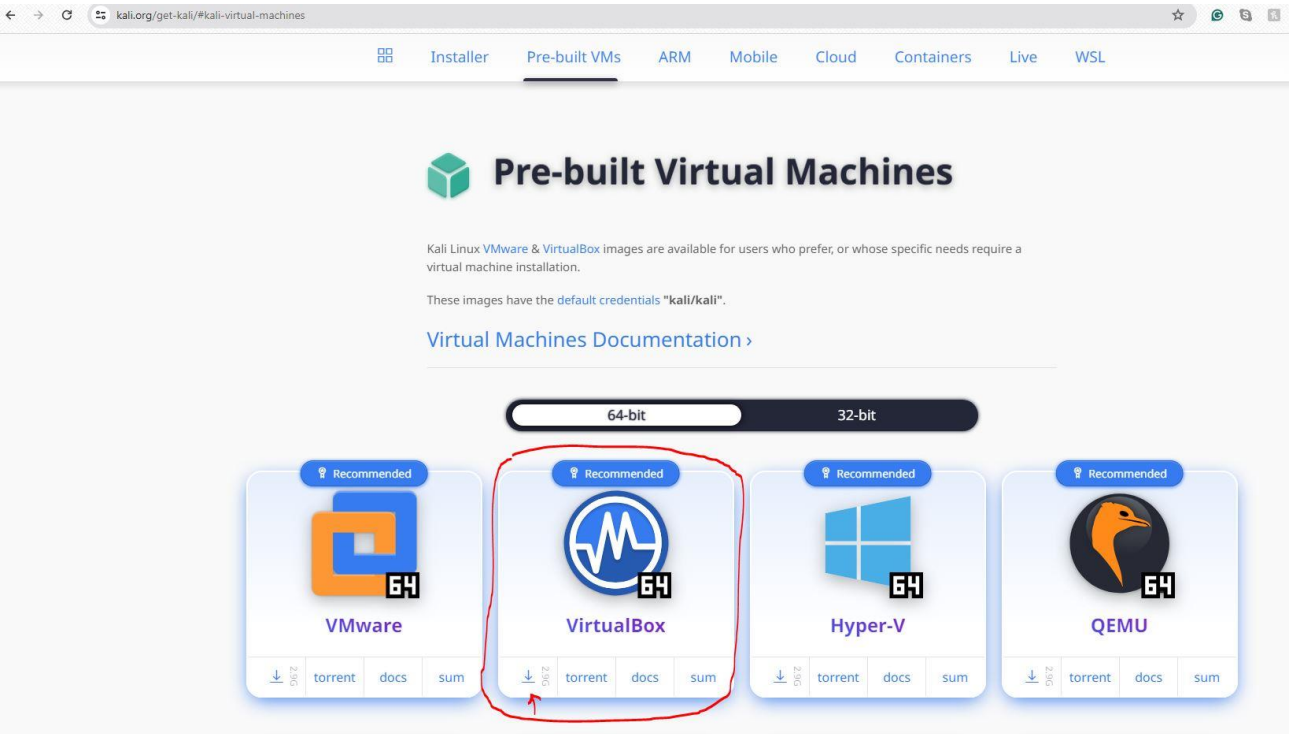
Also make sure to install 'VirtualBox Extension pack' you'll see the following message after you try to install it



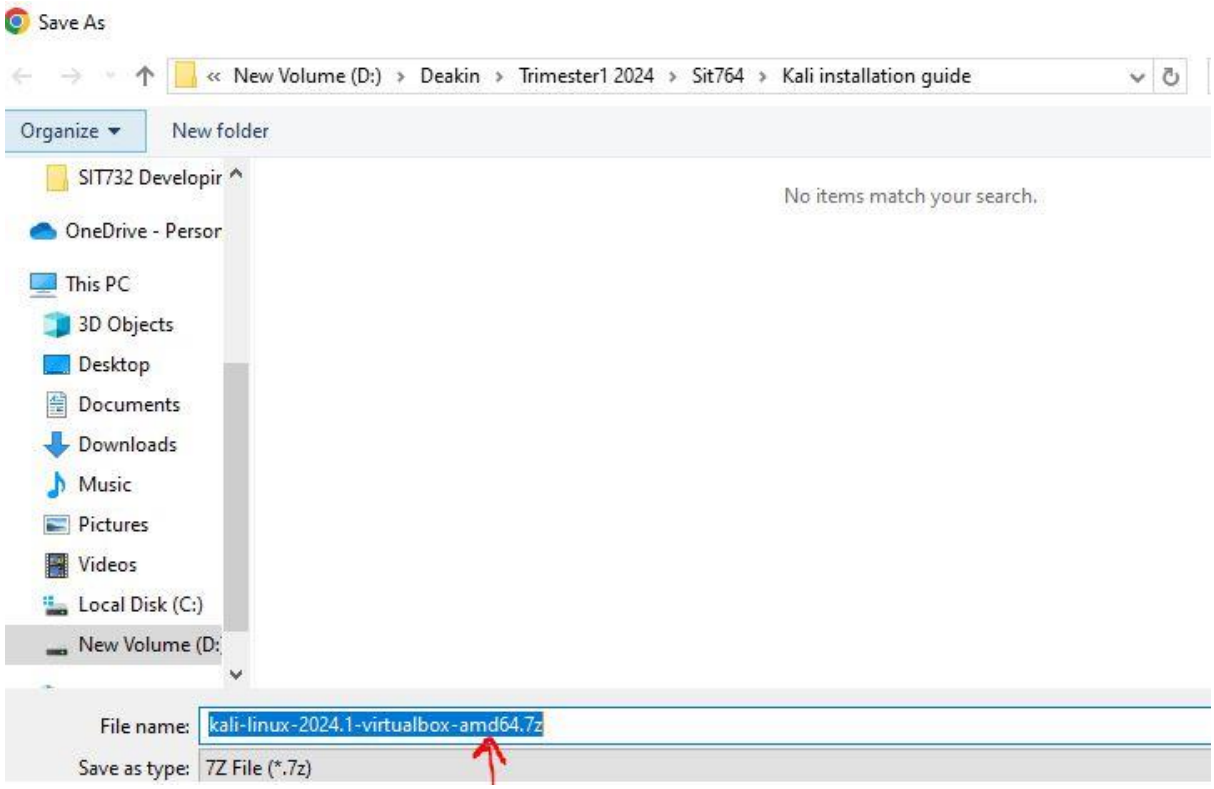
Click ‘install’ to install it

Our next step is to install ‘Kali linux virtual machine’. It can be downloaded directly using browser or as a torrent it depends on your preference. As most modern systems supports 64bit version. It is highly recommended to use it. As you can use full functionality and get optimal performance of Kali linux only on 64bit version. Also it is needed for ‘Burp suite’ as of my knowledge there is no 32-bit version of ‘Burp suite’.

https://www.kali.org/get-kali/#kali-virtual-machines

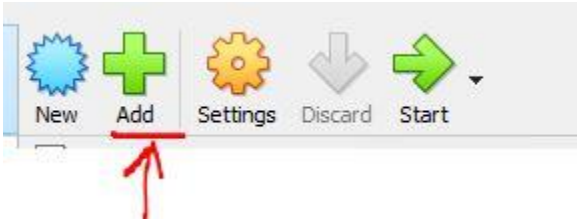


As shown in above screenshot please click on direct download arrow under 'VirtualBox'. You'll see the following screenshot

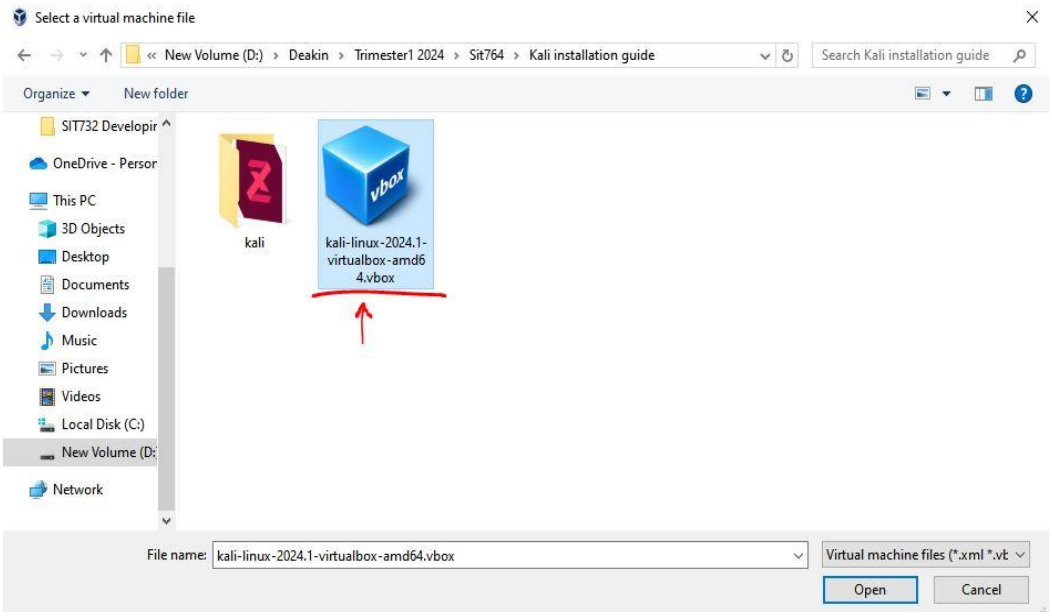


As you can see an arrow pointing towards ‘amd64.7z’ it is because I have an ‘amd’ processor so when I click on download link it automatically detected what processor I am using and it will only download the supported version

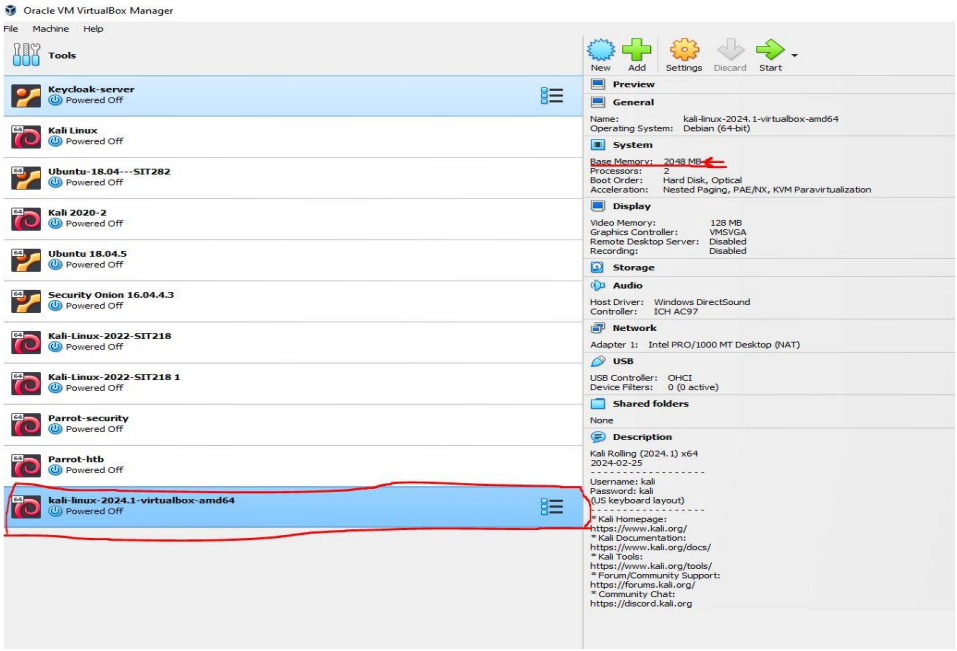
After downloading kali Linux extract the Kali Linux Virtual Machine folder to any location of your choice in your machine. Also please remember the location in case you need it.(Please make sure to extract both files in the folder at same location)



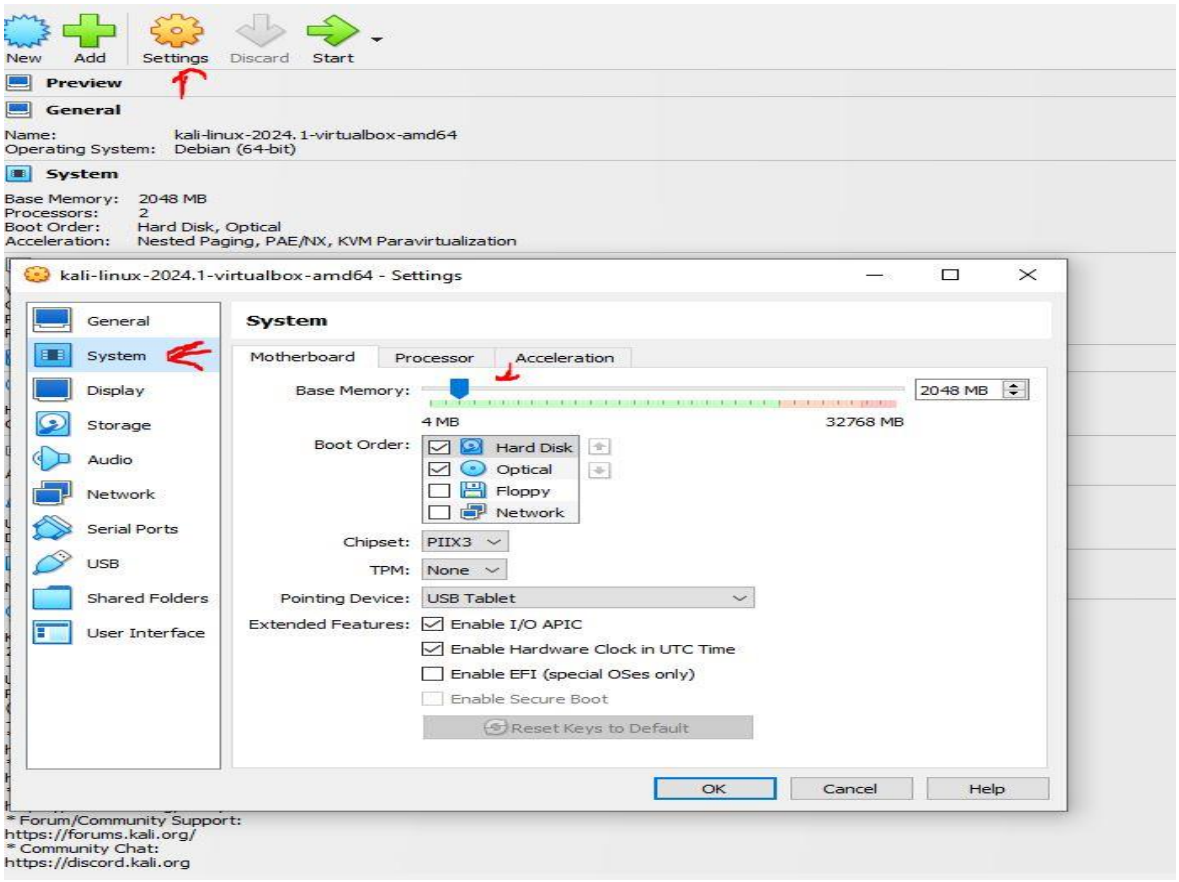
In Virtual Box manager click on ‘add’ as shown in above screenshot.



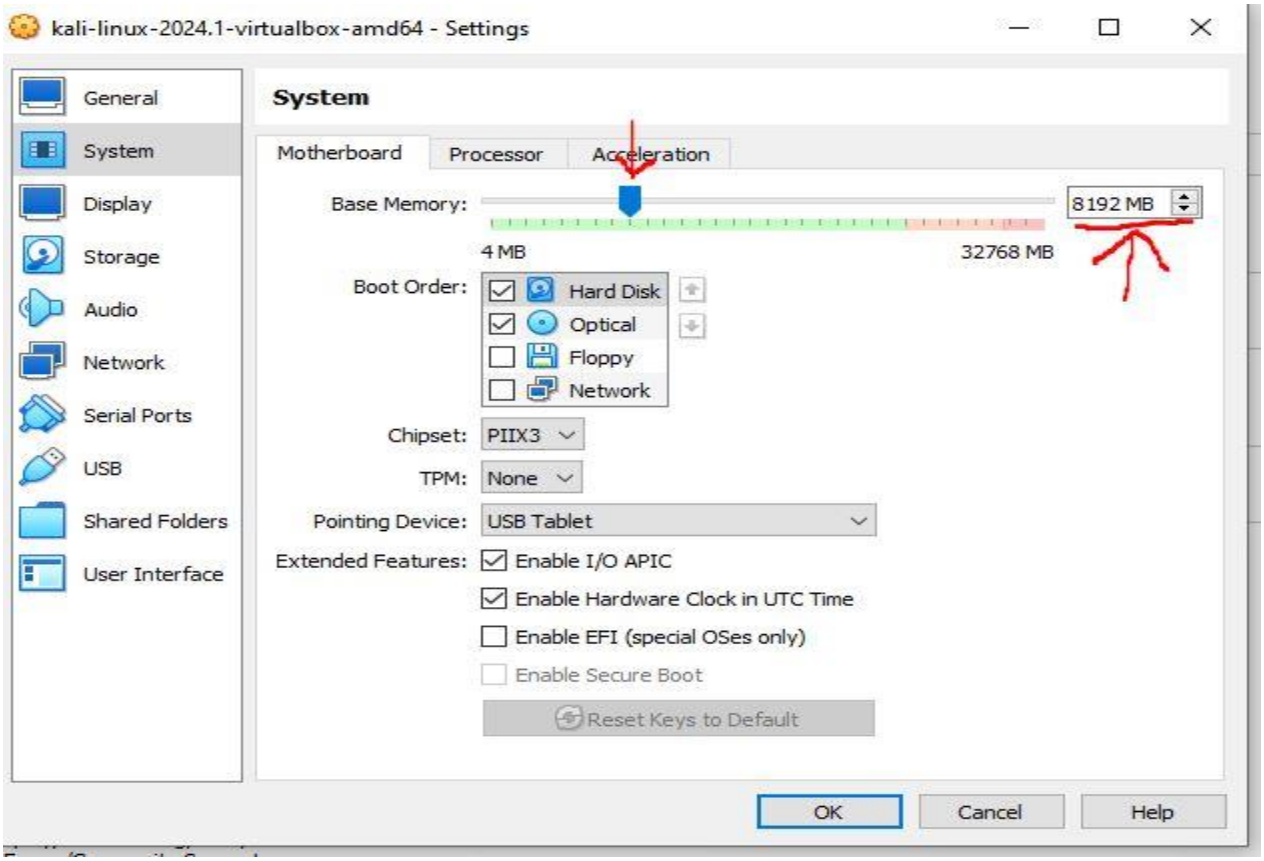
As shown we'll open .vobx file after clicking add button in Virtual Box manager.



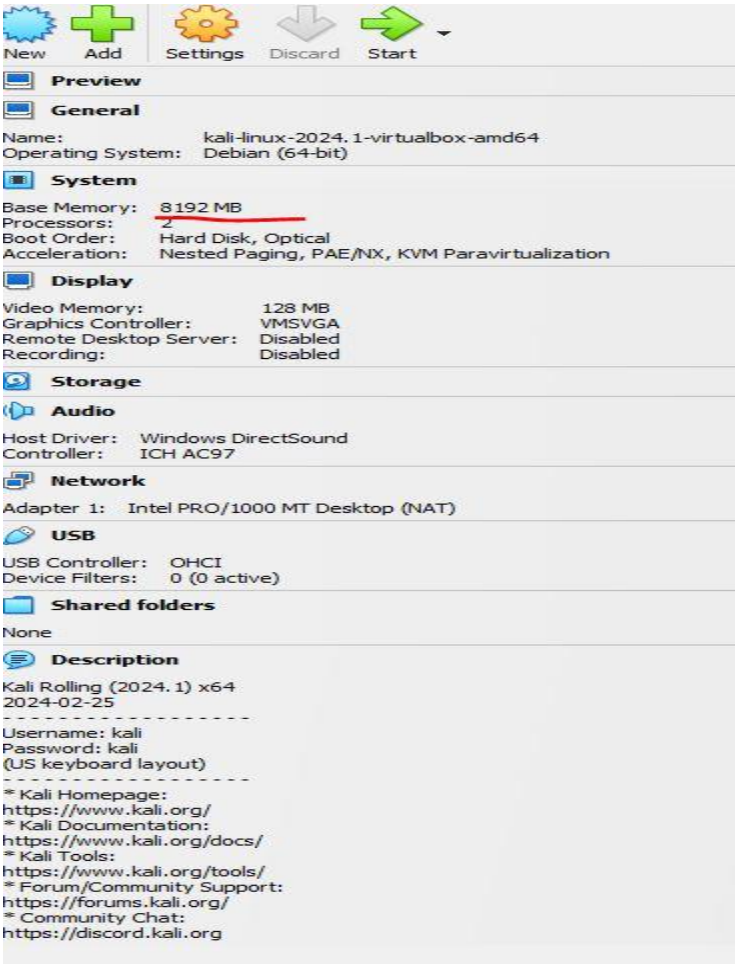
As we can see from above screenshot. We successfully added 'Kali-linux-2024.1-virtualbox-amd64'. It the very last one as I have multiple Kali machines please ignore the rest just focus on last one. As we can see it has only 2 GB or 2048MB Base Memory. We need to increase it, 8GB is recommended. Please refer to the screenshot below.



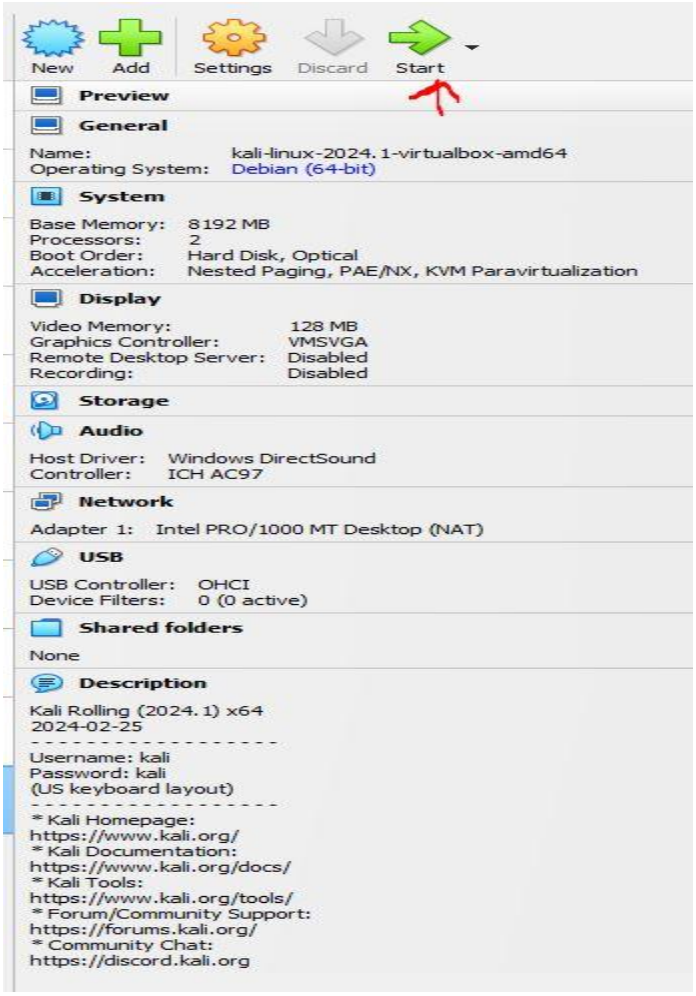
As we can see in above screenshot we clicked on ‘settings’ which is next to ‘Add’. After that we’ll click on ‘System’ on the left side of the window.

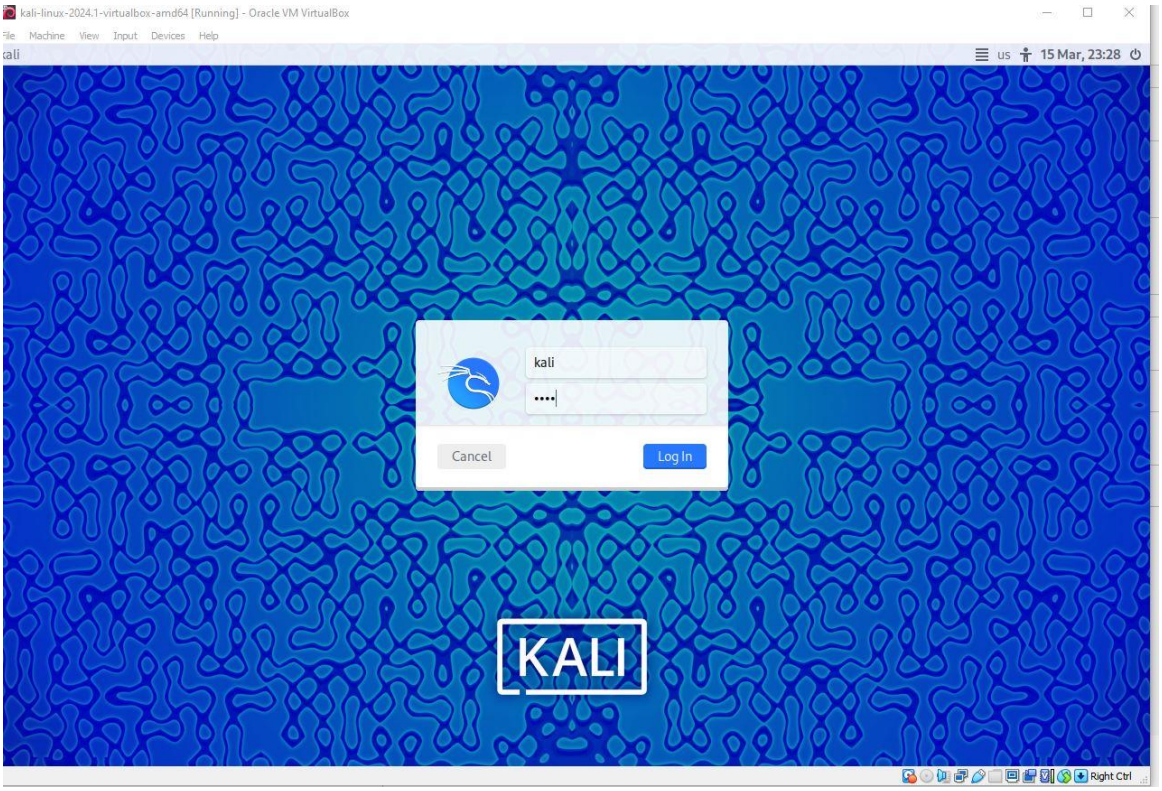


In above screenshot we can see memory has been increased to the 8GB.

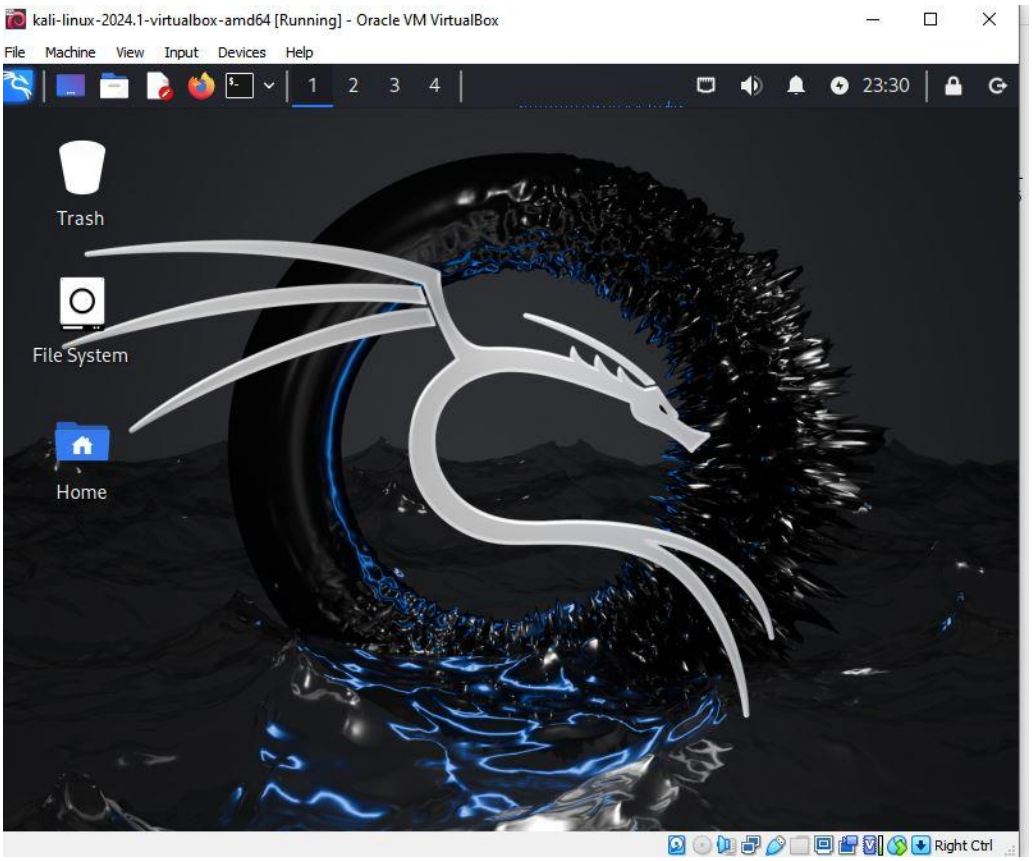


Now we need to start the machine by clicking ‘start’.


New
Add
Settings
Discard
Start
Preview
General
Name: kali-linux-2024.1-virtualbox-amd64
Operating System: Debian (64-bit)
System
Base Memory: 8192 MB
Processors: 2
Boot Order: Hard Disk, Optical
Acceleration: Nested Paging, PAE/NX, KVM Paravirtualization
Display
Video Memory: 128 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Audio
Host Driver: Windows DirectSound
Controller: ICH AC97
Network
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
USB
USB Controller: OHCI
Device Filters: 0 (0 active)
Shared folders
None
Description
Kali Rolling (2024.1) x64
2024-02-25
Username: kali
Password: kali
(US keyboard layout)
* Kali Homepage:
https://www.kali.org/
* Kali Documentation:
https://www.kali.org/docs/
* Kali Tools:
https://www.kali.org/tools/
* Forum/Community Support:
https://forums.kali.org/
* Community Chat:
https://discord.kali.org

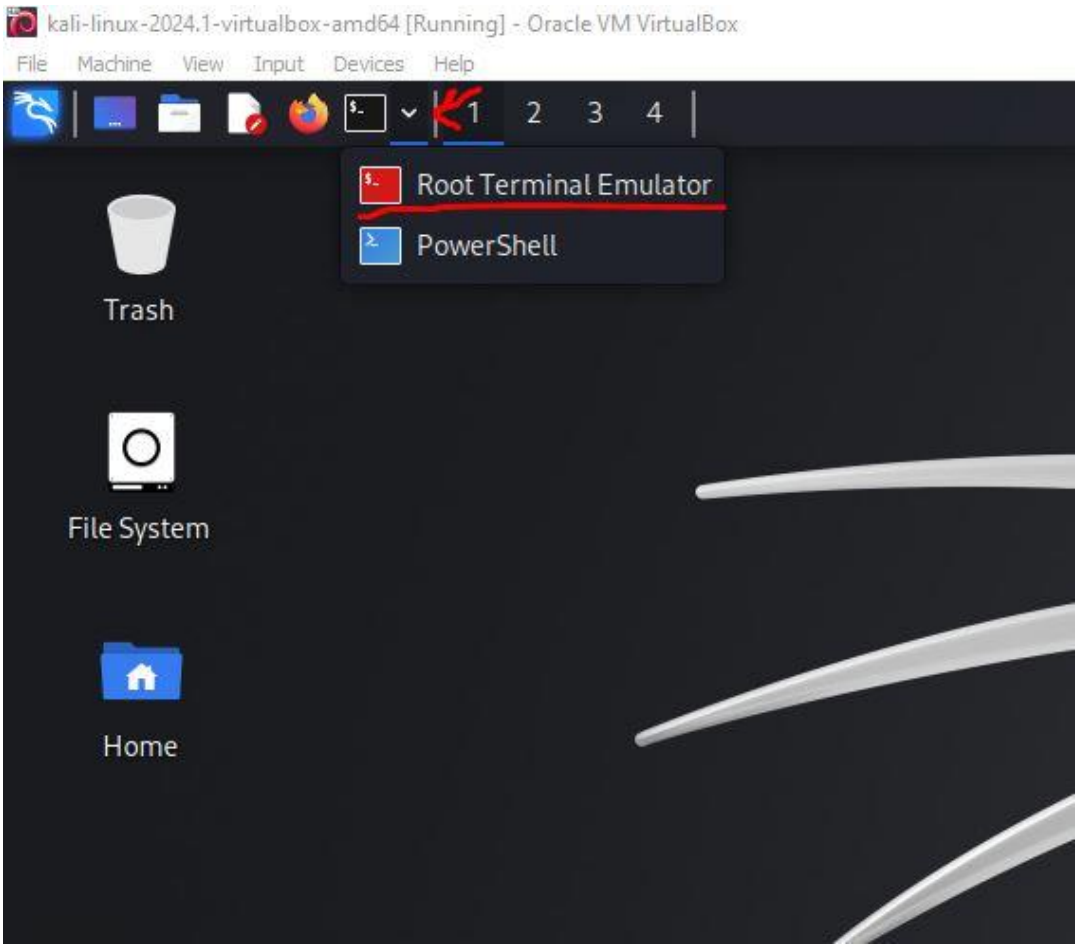


Default username and password is ‘kali’ after enter kali in both fields click on log in. you’ll see the following screen

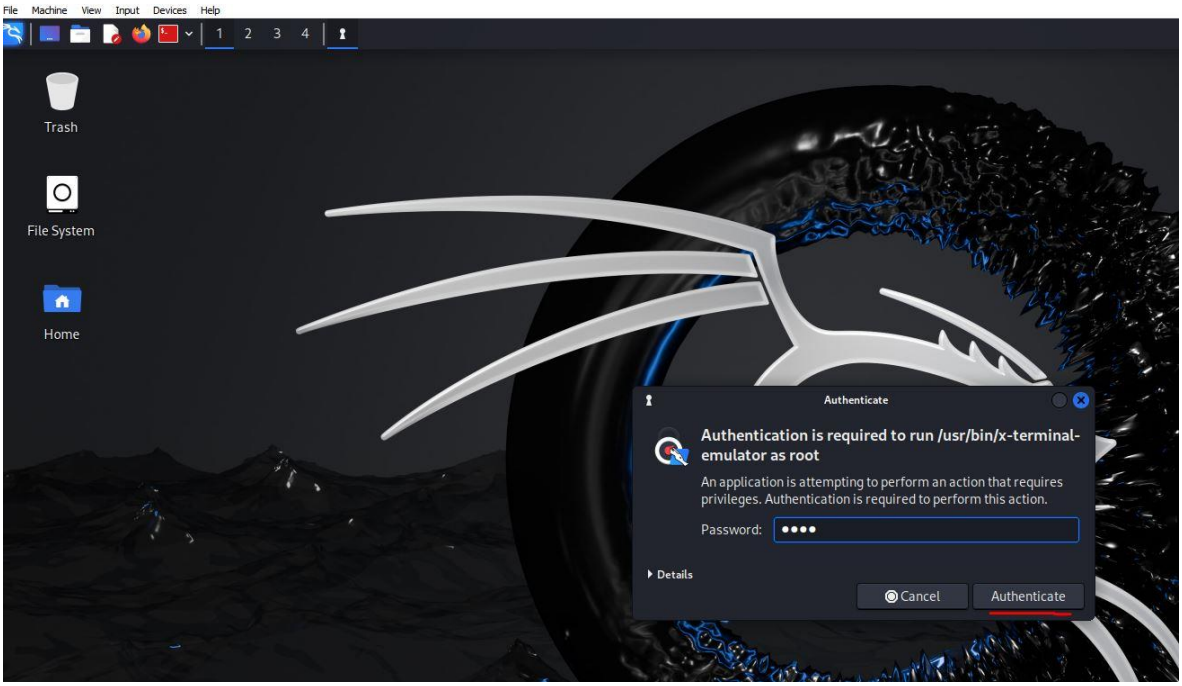


Burp-suite community installation guide

As this version of Kali-Linux comes with burp-suite community pre-installed we can use it but it will ask you to download new version every time so it's better to update it. To the latest version. We'll take the following steps to start it.



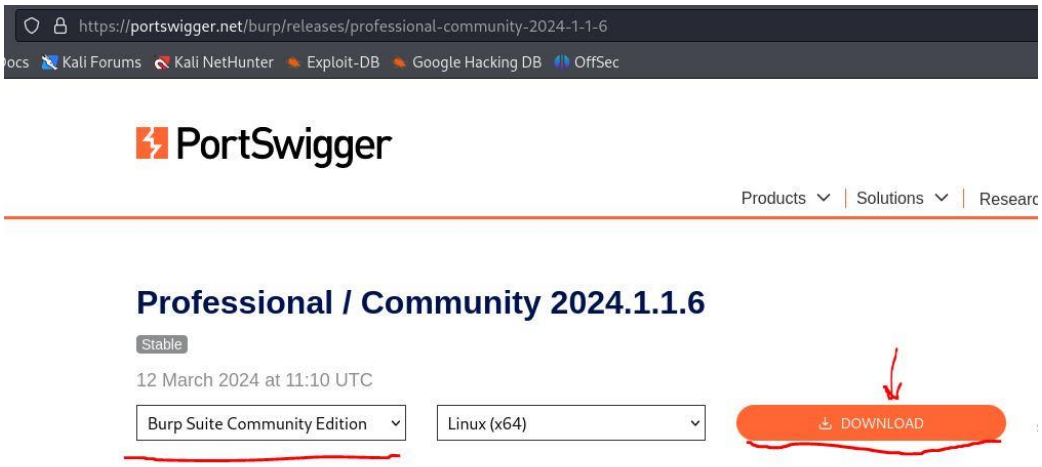
As we can see from above screenshot we need to open ‘Root Terminal Emulator’ after clicking on it. It will ask for password as shown in next screenshot (default password is ‘kali’)



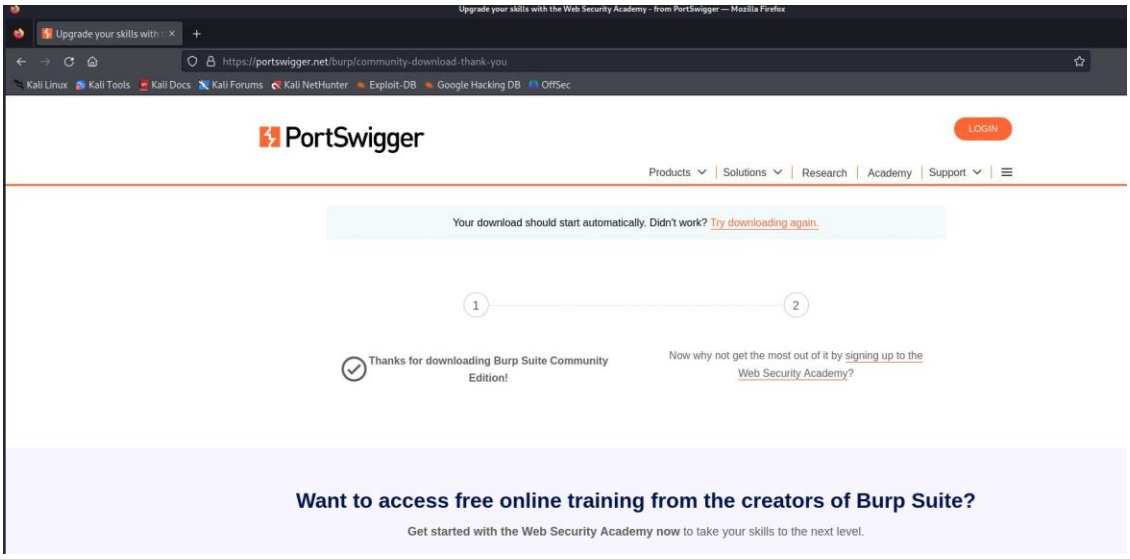
Enter the password ‘kali’ and click Authenticate. It will take you to the following screen. It will open the terminal and we need to type ‘burpsuite’ it will launch the burpsuite but it will ask for latest version so just follow the steps to below download the latest version.

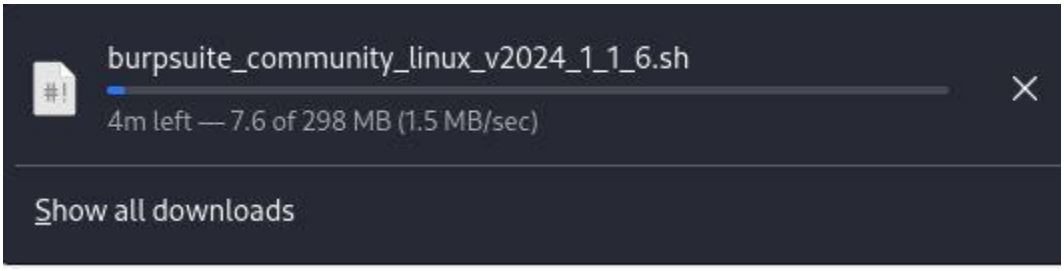
We need to make sure to make sure we are using latest version of Burp-Suite. Click on firefox icon at the top of the screen and visit portswigger website to download latest version.

https://portswigger.net/burp/releases/professional-community-2024-1-1-6

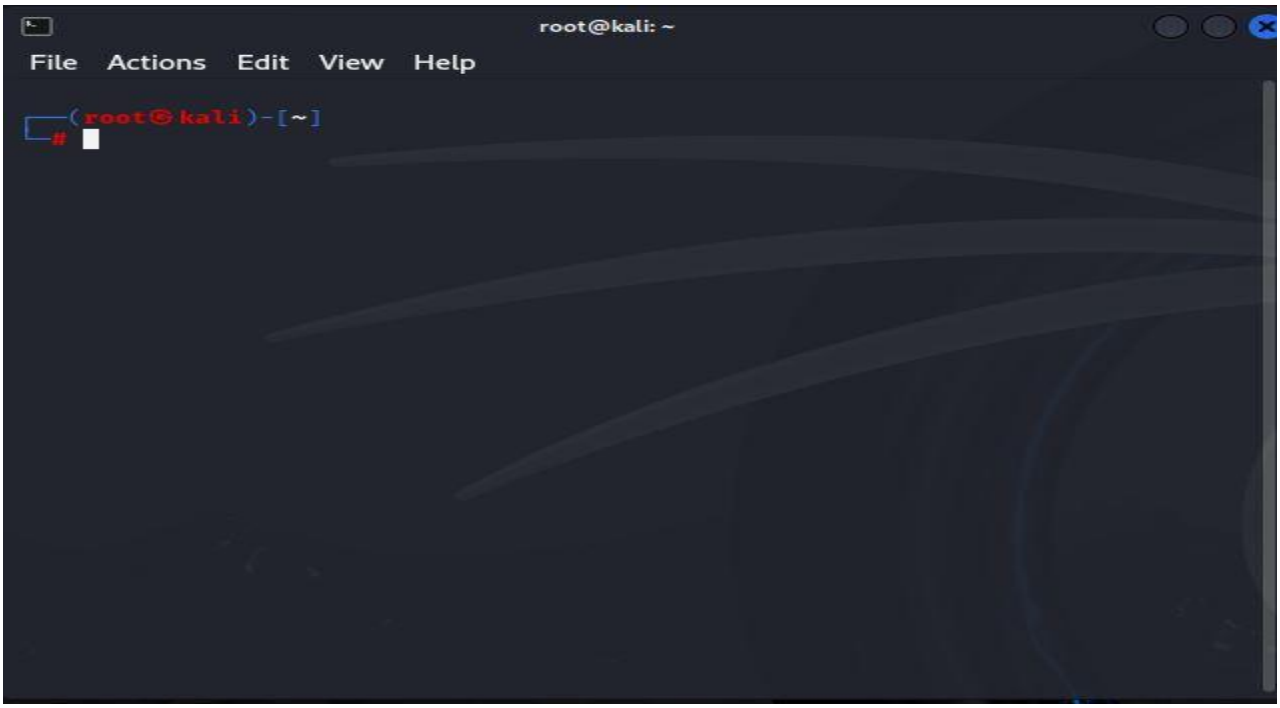


Click on the ‘DOWNLOAD’ button it will take you to the following page and download will start automatically



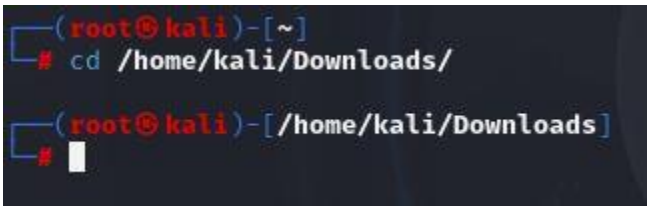


Now go back to the ‘Root Terminal Emulator’



Now change the directory to downloads by typing the following in the terminal

‘cd /home/kali/downloads/’

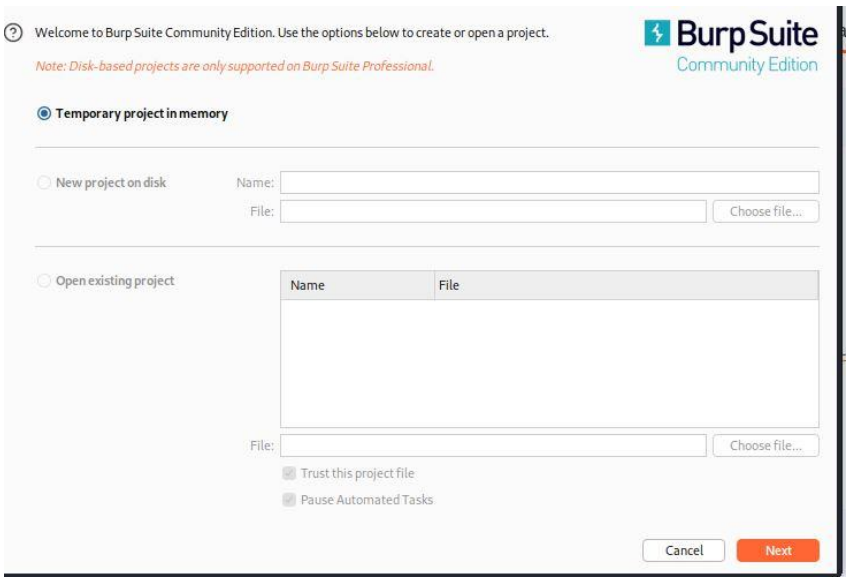


Now type the following to install the latest version of Burp-Suite

‘chmod +x ./burpsuite_community_linux_v2024_1_1_6.sh’

And press enter you’ll see the following screen it means latest version is installed

Now type ‘burpsuite’ in the terminal. This will open the burpsuite and will not ask to download the latest version. You’ll see the following screen.



That’s it Now BurpSuite is ready. Now You are ready to start your pen-testing journey.