

Virtual Box for Mac Users

1. Name your Virtual Machine
2. Where it says **Types:** choose Linux
3. On **version** find and click on **Debian(64-bit)** and click continue
4. Where it says **Memory Size**
 - Move the arrow to **4096MB** and click continue
5. In Hard disk click where it says:
 - **Create a virtual hard disk now**
 - Click create
6. In Hard disk file type:
 - Click on **VDI (VirtualBox Disk Image)**
 - Click next
7. In Storage on Physical hard disk:
 - Click on **Dynamically allocated**
 - Click next
8. In File location and Size:
 - Enter **15 or 20GB** no more than that
 - And click **Create**

Great now you have created the Virtual Machine next you are going to setup Kali Linux in the virtual machine by doing the Graphical Install

Setting up Kali Linux in Virtual box

1. Once you created the Virtual Machine
 - Click on **start** the green arrow on top
 - It's going to say to please select Virtual Optical disk file or a physical optical drive
 - Click on the **folder that pops on the right next to the empty** and click on it
 - And find your **ISO file of Kali Linux** that you downloaded from the website and click start

2. You are going to hear a beeping sound it's normal.
3. Now with your arrow keys go to **graphical install and press enter**

The following steps will show you how to already set up Kali Linux and have it installed:

4. Choose the language that you want and click continue
5. Select what language you want for your keyboard
6. It will go through **and install the components** depending on your hardware it will take 15-20 mins or even faster to install depending on you computer
7. So for **Hostnames** on your system leave it as Kali and click continue.
8. The **Domain name!** leave it empty and click continue
9. **Now create a password** you will use this to log into Kali later
10. Depending on your time zone you choose and click continue.
11. In **partition disks**: Click on **Guided-use entire disk** and click Continue and then Click on **SCS13** and Continue
12. Click on **All files are partion (recommended for new users)**
13. Click on **Finish portioning and write changes to disk**
14. If a little window pops at the bottom this means that if you want to copy/paste things from outside of the VM then those tools will do the job but typically people don't use it so click on the x
15. Then click on **yes** to disks make changes
16. Then it will install and take about 20mins
17. For network mirror click **no** and continue
18. Install Grub boot leader on hard disk click **Yes** and continue
19. Click **/dev/sda** and continue
20. It will take some time to finish installing
 - When it's done installing half of the part click continue

- Then Kali is installed and wait until it shows to put in your username which will be **root** or if you changed it and your **password** and then you will be using Kali

Now That you have Kali Installed you will see the interface of Kali. If you want to add a program in the terminal to Kali it won't let you it will say **E: Unable to Locate Package**. Well we will have to install a piece of code in these next steps so you will be able to install other programs.

To Install Packages

1. To add this code so you can add more programs you have to go to **Files**

- Then go to **Other locations** → **Computer** → **etc** → **apt** → and find **source.list**
- At first it won't let you open it, so you have to right click on source list and click on find new application to open it and find leaf pad and click on it. Then it will let you see the code in source list
- Click **Source.list** and erase the code that is shown below:

```
# This system was installed using small removable media  
# (e.g. netinst, live or single CD). The matching "deb cdrom"  
# entries were disabled at the end of the installation process.  
# For information about how to configure apt packages sources.  
# see the sources.list(5) manual.
```

- Then add this code instead the one you erased:

```
deb http://http.kali.org/kali kali-rolling main non-free contrib  
  
deb-src http://http.kali.org/kali kali-rolling main non-free  
contrib
```

- click file on the top left corner and save and exit that window on Kali
- Now open a terminal and type **sudo apt-get update** it will update the code and all the programs

Now you can add any other program if you're going to use it in the Terminal

