

Linux environment setup

We need to acquire the tools to learn!

We'll be using Kali Linux, which contains all the necessities without the hassles of installing each tool. And of course.. Linux Linux Linux

We have the solution to Steve Jobs closed source problem..



Virtualization



MAC Users

<https://www.vmware.com/go/getfusion> <-- IGNORE if don't already have premium !

Now.. due to legal circumstances, we're going to use this guide that walks you step by step on how to install a Kali VM on a MAC m1 chip for FREE!

UTM – Open Source / Bless Their Soul

<https://www.kali.org/docs/virtualization/install-utm-guest-vm/>

This site covers step by step on how to get it a working kali VM!

(P.S – when installing packages (sudo apt-get install ...), make sure you're not

On school wifi – (school thinks you're a cyber criminal and blocks the kali domain))

Window Users

- VirtualBox, but vmware is good too..

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



[GET KALI](#)[BLOG](#)[DOCUMENTATION](#)[COMMUNITY](#)[COURSES](#)[DEVELOPERS](#)[ABOUT](#)

Choose **your** Platfor |

LIGHT ☒ DARK

Bare Metal

- ✓ Direct access to hardware
- ✓ Customized Kali kernel
- ✓ No overhead

Single or multiple boot Kali, giving you complete control over the hardware access (perfect for in-built Wi-Fi and GPU), enabling the best performance.

Recommended



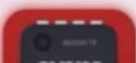
Virtual Machines

- ✓ Snapshots functionality
- ✓ Isolated environment
- ✓ Customized Kali kernel
- ✗ Limited direct access to hardware
- ✗ Higher system requirements

VMware & VirtualBox pre-built images. Allowing for a Kali install without altering the host OS with additional features such as snapshots. Vagrant images for quick spin-up also available.

Recommended

ARM



- ✓ Range of hardware from the tiny, budget-friendly Raspberry Pi to the powerful, high-end servers.

Mobile



- ✓ Kali layered on Android

Cloud



- ✓ Fast deployment



Tools



New



Settings



Discard



Start



macOS Monterey

Powered Off



Redhat 8.5

Powered Off



Linux Mint

Powered Off



antix

Powered Off

Create Virtual Machine

Name and operating system

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name: KaliLinux

Machine Folder: C:\Users\GEEKrar\VirtualBox VMs

Type: Linux

Version: Debian (64-bit)

Expert Mode

Next

Cancel

Preview

macOS Monterey

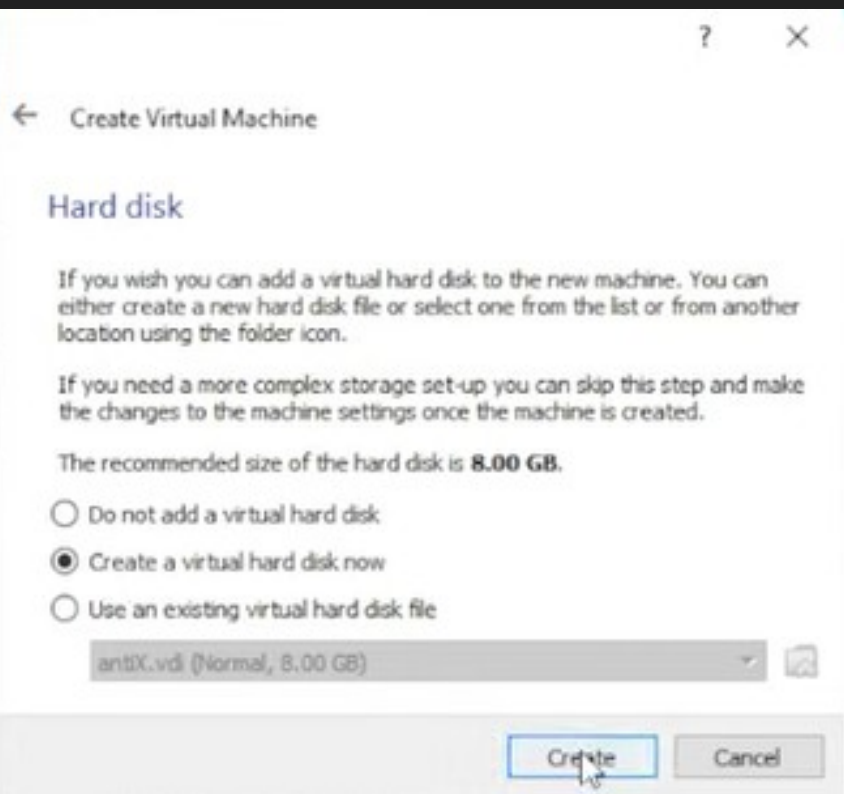


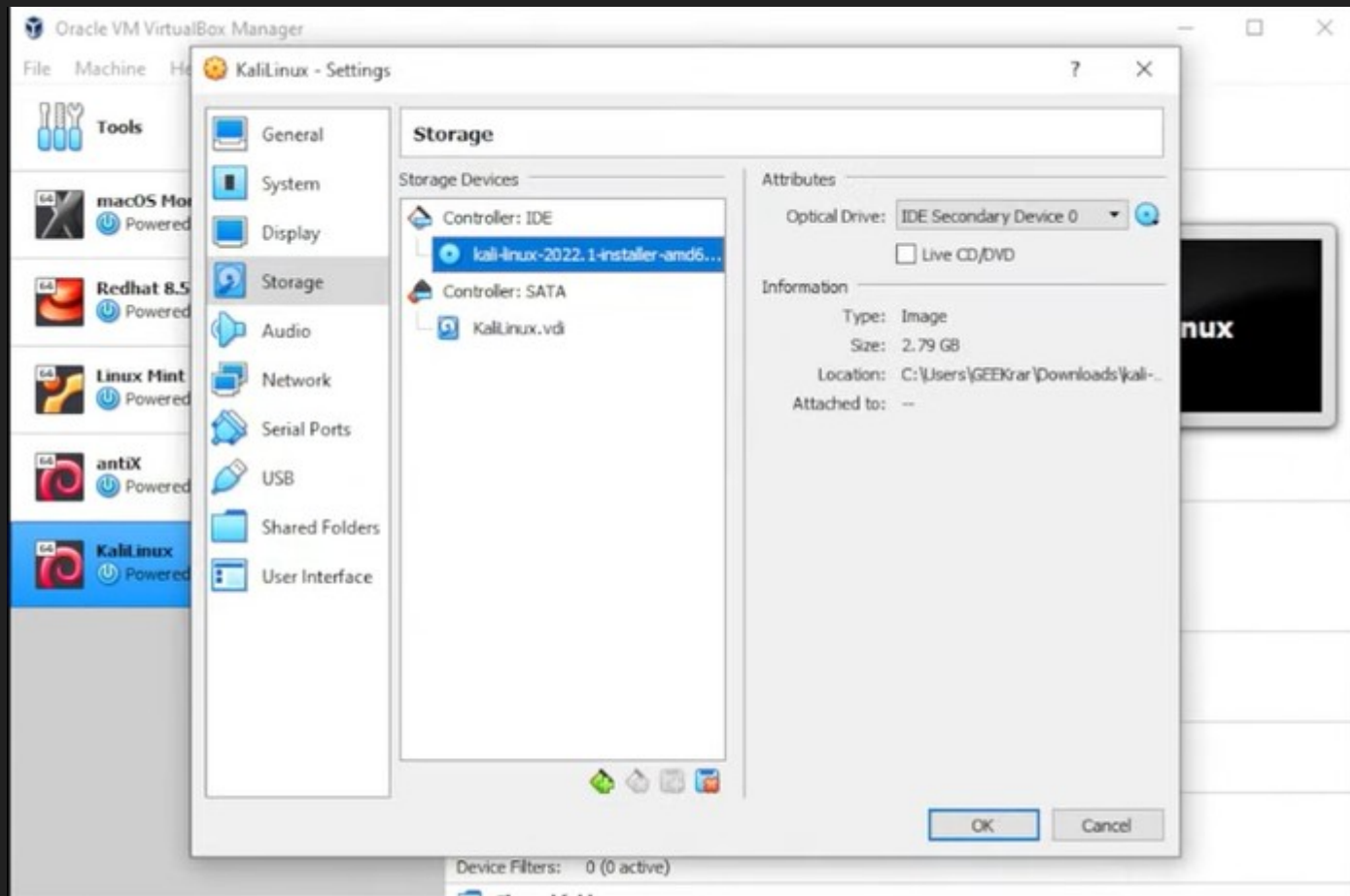
Network

Adapter 1: Intel PRO/1000 MT Server (NAT)



USB





Make sure to remove .iso from the secondary once you finish the guided graphical installation