

Prerequisites

Windows

Windows + Ubuntu

Macbook

Motive

- To practice day to day exercises
- Virtual machines required to setup tools
- Virtualbox used mostly for vm creation
- Virtualbox can be installed on Win, Ubuntu & MacOS
- Manual setup of VM is time consuming
- Vagrant + Virtualbox for vm automations

Virtualbox

- A VirtualBox or VB is a software virtualization package that installs on an operating system as an application. VirtualBox allows additional operating systems to be installed on it, as a Guest OS, and run in a virtual environment.



Vagrant

- The command line utility for managing the lifecycle of virtual machines
- Uses hypervisors like Virtualbox to create VM



VAGRANT

Windows

- Host OS – Windows



- List of softwares – Vagrant, Virtualbox



Dual boot

- Host OS -- Windows + Ubuntu
- Ubuntu on the system and not as virtual machine



- Softwares for dual boot
- Ubuntu 16.04 ISO
- Rufus for bootable pen drive

Macbook

- Host OS – MacOS



- List of softwares – Vagrant, Virtualbox

Comparision

Windows

- Not so good performance of VM
- Cannot install most of devops tools on Host OS

• Ubuntu

- Very good performace of VM
- Can install ansible, chef, puppet on Host OS

• Mac OS