



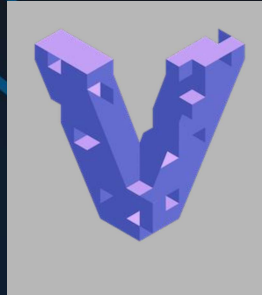
Vagrant

VM Automation

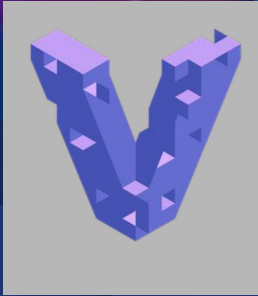
Contents

Here's what you'll find in this.

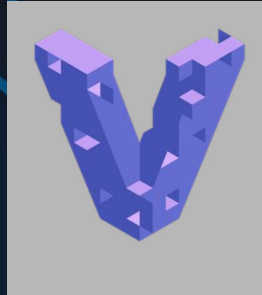
1. Intro to Vagrant
2. Create VM Automatically
3. Vagrant Commands
4. Vagrant Networking
5. Provisioning
6. RAM, CPU & Disk
7. Multi VM Vagrantfile
8. Documentation



Vagrant Manages/ Automates VM Lifecycle

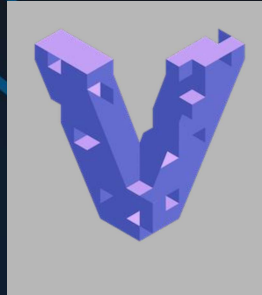


VM Management Problems



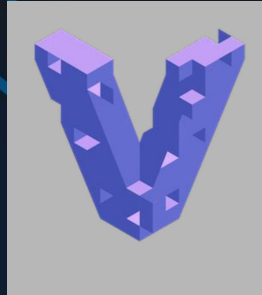
- OS Installations
- Time Consuming
- Manual setup
- Tough Replication for Multi VM
- Documentations for Multi VM

Vagrant for VM's



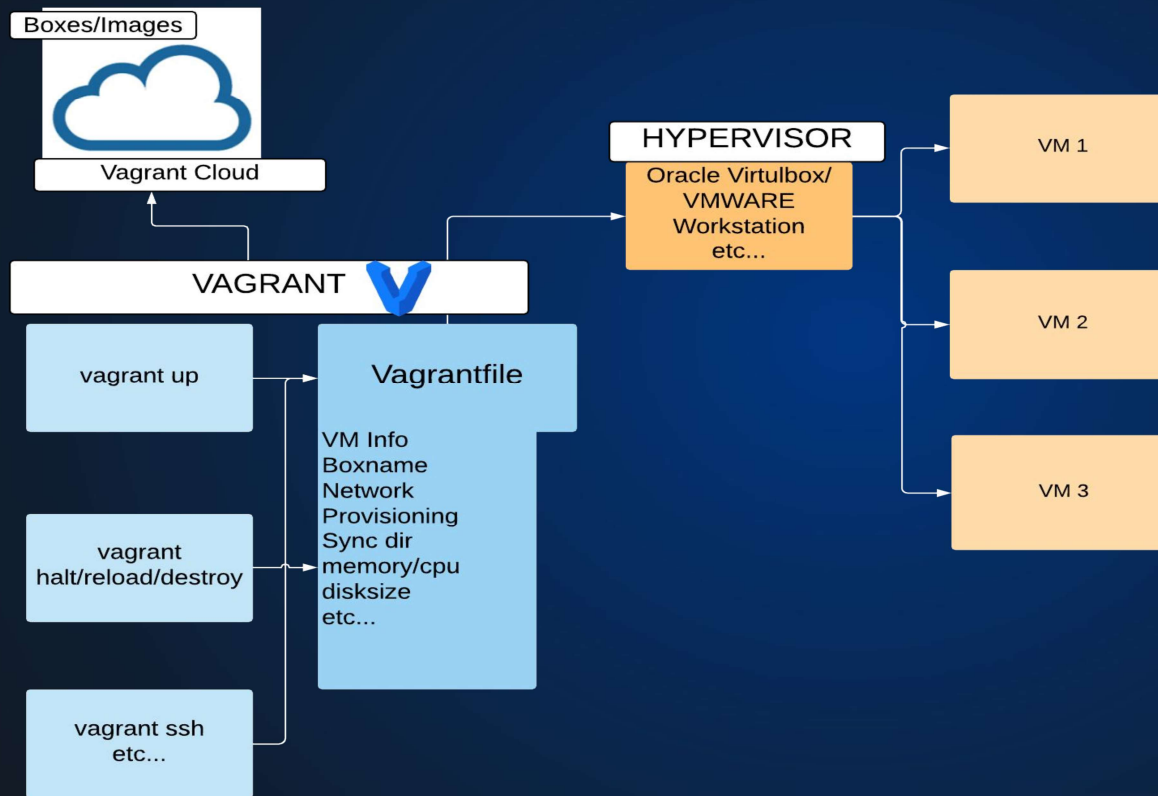
- No OS Installations
- VM Setup through Images(vagrant boxes)
- Images/Boxes available in Vagrant cloud
- Manage VM's with a file (Vagrantfile)

Vagrant for VM's

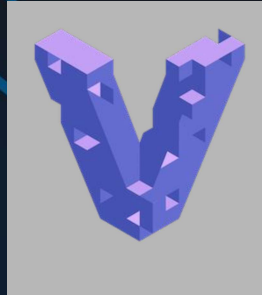


- VM changes automatic through Vagrantfile
- Vagrant commands to manage VM's
- Provisioning VM/Executing commands & scripts
- Etc...

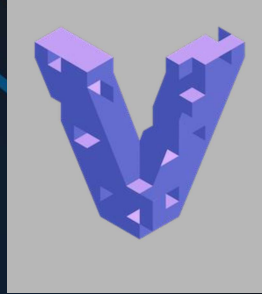
Vagrant Architecture



Vagrant Setup



- VT (Virtualization Technology) Enabled in BIOS
- Vagrant tool
- Hypervisor like Oracle Virtualbox
- CLI (Command Line Interface) like GIT Bash, Cygwin, CMD prompt etc...



VM SETUP WITH VAGRANT

- Vagrant Box Name from <https://app.vagrantup.com/boxes/search>
- Project Directory (Folder/Directory at any location of your choice)
- Vagrantfile in Project Directory
- Vagrant commands like “vagrant up”
- Login with “vagrant ssh” command for Linux vm's.