

VAGRANT

## INTRODUCTION TO VAGRANT

- Vagrant is a tool to create virtualisation environment or development environment soon
- It will create VM's from images
- Images - are pre-installed Operating systems with some applications
- Vagrant can be installed on -
  - ❑ Linux
  - ❑ Windows
  - ❑ Mac

- Vagrant is an Open Source
- Vagrant can be installed on both 32 bit and 64 bit
- Vagrant can be downloaded from below weblink

<https://www.vagrantup.com/downloads.html>

- Vagrant refers Images as Boxes
- Vagrant is written in RUBY language
- Vagrant tool was created by Mitchell Hashimoto in Jan, 2010

## Q. HOW TO VERIFY IF VAGRANT IS INSTALLED ?

- Use command

```
# vagrant -v
```

## Q. HOW TO SEE VAGRANT BOX LIST ?

- Use command

```
# vagrant box list
```

## Q. HOW TO ADD VAGRANT BOXES ?

- Use command

```
# vagrant box add <box_name>
```

Example : `vagrant box add olbat/tiny-core-micro`

Note :

- Default vagrant provider is Oracle Virtual Box
- Vagrant boxes can be downloaded from

<https://app.vagrantup.com/ubuntu/boxes>

## Q. HOW TO REMOVE VAGRANT BOXES ?

- Use command

# vagrant box remove <box\_name>

Example : vagrant box remove olbat/tiny-core-micro

## VAGRANT FILE

- VAGRANT uses vagrant file to setup VM machine
- Vagrant file contains configuration related to VM are written in vagrant file
- Create a project folder for vagrant file

Example :

```
Vagrant.configure("2") do |config|  
  config.vm.box = "ubuntu/trusty64"  
end
```

## VAGRANT COMMANDS

# vagrant up

# vagrant halt

# vagrant stop

# vagrant suspend

# vagrant destroy

# vagrant remove box



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# THANK YOU