

# **Al Nafi**

**Let's educate the  
world to make it a  
better place.**

**As Education  
Benefits All.**



# Trainer Profile : Abdeali Dodiya



I have 10+ experience in IT Industries , I have completed BCA and started my career as Linux administrator / Bash scripter , Python Automation.



I have hold so many certificate like CSCU, CCNA,CCNP, MCSA,MCP and Python.

# First Lecture

# **VAGRANT**

# What is Vagrant

- Vagrant is an open-source software product for building and maintaining portable virtual software development environments;
- e.g., for VirtualBox, KVM, Hyper-V, Docker containers, VMware, and AWS.
- It tries to simplify the software configuration management of virtualization in order to increase development productivity

# History of Vagrant

- Vagrant was first started as a personal side-project by Mitchell Hashimoto in January 2010.
- The first version of Vagrant was released in March 2010.
- In October 2010, Engine Yard declared that they were going to sponsor the Vagrant project

	Docker	Vagrant
Virtualization	Linux container	Virtual machine
Resource isolation	Weak	Strong
OS	Linux	Linux, Windows, MacOS, ....
Starting time	Seconds	Minutes
Size	100M+	1G+
CM integration	No	Yes
Building image time	Short (mins)	Long (10+ mins)
Hosted number	>50	<10
Deployment tools	CoreOS, Mesos,...	Terraform
Public images	Yes (Docker Hub)	Yes (Vagrant Cloud)

# Why Vagrant ?

# Vagrant Outline

- Introduction to vagrant
- Vagrant IP, RAM and CPU
- Vagrant Sync Directory
- Provisioning
- Automated Website setup
- Multi VM vagrant file
- Vagrant VMS





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To ask questions, please contact  
[stream@annaafi.org](mailto:stream@annaafi.org)