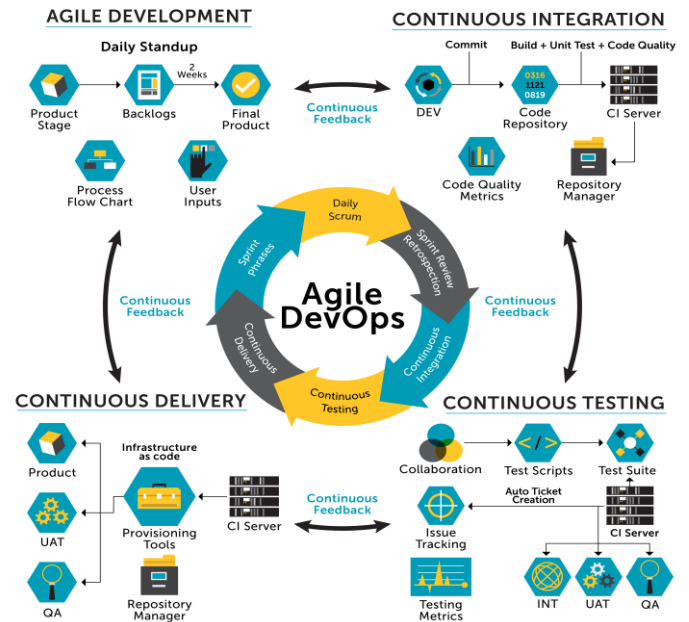


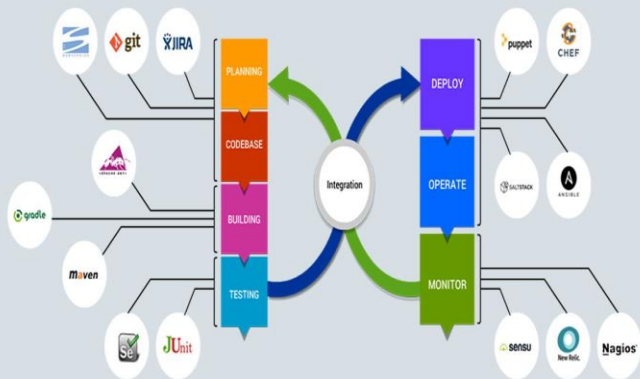
DevOps Training

Cenacle Research

2/21/2018



DevOps Tools



DevOps Syllabus

Instructor

Alpesh Vasani

Phone

Enter Phone

Email

N/A

Course Overview

DevOps training course is designed to help you become a DevOps practitioner and apply the latest technology in DevOps methodology to automate your software development lifecycle right out of the class. You will master configuration management; continuous integration deployment, delivery and monitoring using DevOps tools such as Git, Zabbix, Docker, Jenkins, Puppet, Nagios etc. in a practical, hands on and interactive approach. The DevOps training course focuses heavily on the use of VM, Cloud, Docker containers, a technology that is revolutionizing the way apps are deployed in the cloud today and is a critical skillset to master in the cloud age.

Office Location

Lalita Tower

Office Hours

Days: Mon-Fri

Time: 10:30 A.M.- 6:30 P.M.

Course Materials

<https://cloudacademy.com/> : Cloud Academy is an enterprise-ready training platform that accelerates teams and digital transformation.

- <https://cloudacademy.com/learning-paths/devops-fundamentals-18/>

You need to create account and same needs to be used to watch video.

Resources

- Introduction of DevOps : https://cloudacademy.com/cloud-computing/introduction-to-devops-course/?context_resource=lp&context_id=18
- DevOps Fundamental: <https://channel9.msdn.com/Series/DevOps-Fundamentals/Introduction-to-DevOps>

Course Schedule

Week	Subject	Resource	Practice Problems
Week 1	Introduction Dev-Ops	https://tinyurl.com/DevOpsIntro	Create Video of what you learnt. If possible then to put practical example in video.
Week 2	Networking Concepts	https://tinyurl.com/cenacle-network	
Week 2	NAS-San Storage	https://tinyurl.com/cenacle-storage	

Week	Subject	Resource	Practice Problems
Week 2	NAS Install	https://tinyurl.com/cenacle_nasstorage	Create Practical Demo in form of Video
Week 3	Linux Part-1	https://tinyurl.com/cenacle_Linux	
Week 3	Linux Part-2	https://tinyurl.com/cenacle_Linuxcommand	
Week 3	Linux Part-3	https://tinyurl.com/cenacle_LinuxTutorials	Automate the machine ready through Automation. Create Video.
Week 4	Version Control - Git	https://tinyurl.com/cenacle_Git	Automate Version controlling and rules to be Defined as part of DevOps practice. Create Video.
Week 5	Cloud	https://tinyurl.com/cenacle_Cloud	
Week 5	Cloud	https://tinyurl.com/cenacle_AWS	Automate to spin VMs along with image creation On specified time. Create Video.
Week 5	Win Server	https://tinyurl.com/cenacle_WinServer	Create Video server-side script to get rights to all Connected hosts.
Week 6	Docker	https://tinyurl.com/cenacle_Docker	Automate versioning of Docker image gets created And maintain version wise. Create Video.

Practical Assignments

Week	Subject
Week 7	Jenkins – CI-CD, Travis, Zabbix, Graphana, Terraforms

Additional Information

It is highly expected to understand the exercise and giving best to assigned tasks from your leader. Your progress/performance will be monitored by the company. An automate is the priority and it is expected to record video as an artifact.