

Day - 1

- - What is Continuous Integration
 - Benefits of Continuous Integration
 - What is Continuous Delivery
 - What is Continuous Deployment
 - Continuous Integration Tools
 - Jenkins Vs TeamCity Vs Bamboo
- - Object Properties and Method
 - Accessing and Displaying the Object
 - Primitive and Reference Type and Primitive Wrapper Type
 - Class ,Constructor and new Operator
 - Inheritance
 - Getter and Setter Method
 - Static Class
- - Prerequisites
 - Installing Jenkins using Yum
 - Installing Jenkins using Apt
 - Installing Jenkins using MSI
 - Installing Jenkins using Tomcat
- - Manually Building
 - Build Trigger based on fixed schedule
 - Build Trigger by script
 - Build Trigger Based on pushed to git
- - Jenkins Jobs parameterised
 - Execute concurrent builds
 - Jobs Executors
 - Build Other Projects
 - Build after other projects are built
 - Throttle Builds
- - Junit Report
 - SonarQube Reports
 - Jacoco Reports
 - Coverity Reports
 - Selenium Reports
 - Test Results
 - Cucumber Reports
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- Installing as a Service
- Starting and Stopping Jenkins

- - Understand Freestyle Project
 - Freestyle General Tab
 - Freestyle Source Code Management Tab
 - Freestyle Build Triggers Tab
 - Freestyle Build Environment
 - Freestyle Build
 - Freestyle Post-build Actions
 - Manage Jenkins
 - My Views
 - Credentials
 - People
 - Build History

- - Simple Java and Maven Based Application
 - Simple Java and Ant Based Application
 - Simple Java and Groovy Based Application

- Jira
- Git
- SonarQube
- Maven
- Junit
- Chef
- Puppet
- Ansible
- Docker
- AWS
- Jacoco
- Coverity
- Selenium

- - CI Build Pipeline & Dashboard
 - Email Notification
 - Advance Email Notification
 - Slack Notification