CTKIS1516 - Jenkins Fundamentals -Learner

1. **Course level: Learner**
2. **Duration: 20 Hrs.**
3. **Pre-requisites:**
4. **Daywise course coverage**

Day 1
- Introducing Continuous Integration Process
- Introducing Jenkins
- Introducing Jenkins for CI
- Introducing Jenkins for Developers

Day 2
- Introducing Jenkins for Project Management
- Installing and Running Jenkins
- Configuring Jenkins Jobs
- <mark>Jenkins Basic Administration</mark>

Day 3
- Continuous Integration with Jenkins, Git, Maven using Java Based Project
- Configuring Jenkins Jobs using Git, MSBuild and DOT net based projects
- Configuring Jenkins Jobs Git, Batch and Windows Based Project
- Configuring Jenkins Jobs Git, Bash and Linux Based Project

5. **Lab setup**

Every participant should have systems with

- RAM: 8GB or more
- Base OS: Windows 7 or 10
- Internet: Open Internet Connection is mandatory
- Application: VMware workstation or Oracle Virtual Box
- Configuration:
  - 2 Virtual Machines with 2GB RAM and CentOS7
  - 1 Virtual Machine with 2 or 3 GB RAM with Windows 7 or 10

6. **Trainer Details**
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