**What Is JenKins?**

Jenkins is a powerful application that allows continuous integration and continuous delivery of projects, regardless of the platform you are working on. It is a free source that can handle any kind of build or continuous integration. You can integrate Jenkins with a number of testing and deployment technologies. In this tutorial, we would explain how you can use Jenkins to build and test your software projects continuously.

**Scope**

Jenkins course offered by DACME-TLS will enable you to:

* + Understand Jenkins and its features
  + Set-up JenKins in your system
  + Integrate Jenkins with Various other Tools
  + Manage Jenkins and use of plugins
  + Create a Job
  + Create a Pipeline
* The following can be done after completing this course
  + JENKINS ─ OVERVIEW
    - Why Jenkins?
    - What is Continuous Integration?
    - System Requirements
  + 2. JENKINS ─ INSTALLATION
    - Download Jenkins
    - Starting Jenkins
    - Accessing Jenkins
  + JENKINS – TOMCAT SETUP
  + JENKINS – GIT SETUP
  + JENKINS – MAVEN SETUP
  + JENKINS – CONFIGURATION
  + JENKINS – MANAGEMENT
    - Configure System
    - Reload Configuration from Disk
    - Manage Plugins System Information
  + JENKINS –BUILD
  + JENKINS – AUTOMATED TESTING
  + JENKINS – CODE ANALYSIS
  + JENKINS – AUTOMATED DEPLOYMENT
  + JENKINS – MANAGING PLUGINS
    - Installing Plugins
    - Installing another Version of a Plugin
  + JENKINS – SECURITY
  + JENKINS – Pipeline
  + JENKINS – Scripted Pipeline