Bamboo Advance Training

Curriculum 3 Days

Day - 1

- **Introduction of Continuous integration**
  - What is continuous integration?
  - Benefits of continuous integration?
  - Bamboo as a CI tool
  - What is CI and how can it help me?

- **Installation and Configuration of Bamboo**
  - Supported platforms
  - Bamboo installation guide
  - Bamboo upgrade guide
  - End of support announcements for Bamboo
  - Running the Setup Wizard
  - Bamboo remote agent installation guide
  - Running Bamboo as a service
  - Running Bamboo Server in AWS
  - Installing Bamboo on Linux
  - Installing Bamboo on Mac OS X
  - Installing Bamboo on Windows
  - Connecting Bamboo to an external database
  - Bamboo remote agent installation guide

- **Introduction of Bamboo**
  - What is Atlassian Bamboo?
  - Atlassian Bamboo Architecture?
  - Atlassian Bamboo Terminology?

- **Getting started with Bamboo**
  - Understanding the Bamboo CI Server
  - AWS account for Bamboo
  - Getting started with Java and Bamboo
  - Getting started with .NET and Bamboo
  - Getting started with PHP and Bamboo
  - Using the Bamboo dashboard
  - Keyboard shortcuts
  - Getting started with Node.js and Bamboo
  - Getting started with Docker and Bamboo
  - Using Bamboo

Day - 2

- **Using Bamboo**
  - Configuring plans
  - Linking to source code repositories
  - Triggering builds
  - Using stages in a plan
  - Jobs and tasks
  - Sharing artifacts
  - Working with builds
  - Deployment projects
  - Getting feedback
  - Integrating Bamboo with Atlassian applications
  - Managing your user profile
  - Bamboo variables
  - Bamboo permissions
  - Quick filters for Bamboo
  - Unpacking large .ZIP archives
  - Personal access tokens

- **Bamboo Best Practice**
  - Bamboo Best Practice - System Requirements
  - Bamboo Best Practice - Using stages
  - Bamboo Best Practice - Branching and DVCS
  - Bamboo Best Practice - Sharing artifacts
  - Bamboo Best Practice - Using Agents
  - Bamboo integrations

Day - 3

- **Bamboo Admistration & System Settings**

  o System settings

  o Agents and capabilities

  o Working with Elastic Bamboo

  o Quick filters

  o Users and permissions

  o Connecting Bamboo to an external database

  o Apps

  o Data and backups

  o Security

  o Advanced actions

  o Collecting analytics for Bamboo

  o Bamboo Instance Health check

  o Lockout recovery process

- **Bamboo Specs**

  o What is configuration as code?

  o Enabling repository-stored Bamboo Specs

  o Bamboo Java Specs

  o Bamboo YAML Specs

  o Bamboo Specs reference documentation

  o Bamboo Specs troubleshooting

  o Bamboo Specs - supported scenarios

  o Bamboo Specs encryption

  o Repository stored SPEC thread permission