

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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GoCD Course Content

Introduction

- Continuous Integration
- Continuous Delivery
- Continuous Deployment

Understanding Continuous Delivery Pipelines

- Continuous delivery pipeline
- Benefits of using Continuous delivery pipeline

Overview of GoCD and installation of GOCD

- GoCD Features
- GoCD Pipelines vs. Jenkins Pipelines
- Overview of Basic Concepts in GoCD
- Installing the GoCD Server
- Installing a GoCD Agent

Using GoCD

- Using the Pipeline Dashboard
- Using the Agents and Agent Details Pages
- Using the Pipeline Activity Page
- Viewing Stage Details

- Viewing Job Details
- Using the GoCD Admin UI
- Viewing GoCD Server Details
- Displaying Environments
- Overview of the Value Stream Map

Creating a Pipeline and Finishing and Running Your Pipeline

- Naming the Pipeline
- Pointing the Pipeline to a Material on Git
- Defining Stages, Jobs, and Tasks
- Viewing the Stage Information
- Viewing the Job Run Output and Details

Using a Pipeline as a Material for Another Pipeline

- Learn about the pipeline as a material for another pipeline

Handling Artifacts

- Publishing Artifacts
- Fetching and Using Artifacts

Using Custom Tabs

- Understanding about the custom tabs

Using a Value Stream Map

- Learn to use the value stream map

Understanding Fan-Out and Fan-In

- Learn about the Fan out and fan in process

Configuring GoCD

- Managing Pipelines and Dependencies
- Managing Agents

- Managing Environments
- Labelling and Scheduling Pipelines
- Parameterizing a Pipeline
- Customizing Pipeline Labels
- Cloning a Pipeline
- Locking a Pipeline
- Adding Material and Stage to Existing Pipeline
- Adding Job to Existing Stage
- Adding Task to Existing Job
- Using Pipeline Templates
- Creating a Manual Pipeline
- Managing Users and Authentication
- Pipeline Group Administration
- Setting Up Notifications

Summary and Troubleshooting

- Summarize all the points discussed and troubleshooting