



## DESCRIPTION

In this 4-days training done on CentOS Linux running in a VM you will get hands-on practice installing, configuring and administering an Intershop N system on top of an Oracle database server.

An important topic is the Continuous Integration (CI) process, which is the Gradle based build, publishing and deployment process of Intershop N systems.

You will understand the technical details and learn to administer an Intershop N system. You will then explore the access points for configuring Intershop N: Various properties files and log files. You will see how to install and initialize an Intershop N cluster as well as to perform a data replication between different Intershop N clusters. You will also become familiar with monitoring tools.

## WHAT YOU WILL LEARN

- Database server setup
- Setup and configuration of remote Artifact Repository
- Setup and configuration of build server (Jenkins)
- Download bootstrap for project and CI environment, create project and CI environment
- Download Intershop's responsive starter store
- Prepare custom component set and assembly
- Import project and CI environment into the version control system (SVN).
- Configuration and execution of Jenkins jobs as preparation for CI and developer builds.
- Demonstration of CI workflow
- Checkout of developer environment
- Automatic generation of snapshots
- Deployment of a release to two servers (LIVE, EDIT) ready for Data Replication.
- Additional service component administration
- Cluster architecture and communication processes
- Web server, web adapter and web adapter agent
- Management and administration
  - Properties files, (SMC)
  - Tomcat Cluster Management Console (TCC)
  - Configuration framework /Loggin Framework

- Tools
  - Rest calls
  - Command Line Client
  - Ant tasks
- Security aspects
- High availability and scaling
- Monitoring
- Caching
- Data Replication

## PRE-REQUISITES

- Participation in
  - Intershop N – Overview (ICM-100) recommended
- Familiarity with:
  - IT technology and networking
  - Server administration issues
  - Database administration
  - Linux OS

## DURATION

4 days

## TARGET AUDIENCE

- System Administrators
- Technical Consultants

## PRACTICAL EXERCISES

30%

## TOOLS

- Intershop N
- Nexus, Jenkins, SVN
- Intershop Studio
- JMX client

## BOOKS

Kursunterlagen