

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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JBoss Course Content

Introduction

- Exposure to middleware
- Application server as a middleware
- Application server vs web server

Java

- Basic java concepts
- J2EE
- Application packaging
- Class loading
- Threads
- Heap management

JBOSS Introduction

- Jboss history
- Community vs enterprise edition
- Jboss transformation
- Wildfly introduction

Installation

- Downloading jboss/jdk
- Jboss licensing
- Installer and pre-requisites
- Installing java
- Installing jboss EAP 7.2

JBOSS Architecture and Configuration

- Jboss architecture
- Domain vs standalone mode
- Domain, host and process controller

High Availability

- Clustering and high availability
- About infinispn and jgroups
- Clustering - standalone servers

Deployment

- Deployment concepts
- Deployment types
- Deployment methods
- Deployment related configurations
- Web containers and descriptors

Web Server

- Web server capabilities
- Web server architecture
- Http methods
- Http codes
- Undertow configuration

Apache with Jboss

- Introduction to apache web server
- mod_jk module
- Apache + modjk + jboss standalone server
- Apache + modjk + jboss cluster

Filesystem configuration and Logging

- Directory structure
- Configuration files
- Logs and traces

JDBC : MySql with JBOSS

- Jdbc introduction
- Jdbc drivers
- Jndi
- Creation of data sources

JMS

- Jms introduction
- Jms architecture
- Creation of connection factory and queue

Admin Console and JMX

- Jboss management console features

Security Concepts and Configuration

- Security realms
- Users and roles
- Security policies
- SSL security and complete cryptography