

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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JBoss Administration

JBoss Introduction and Installation

- Java EE Overview and Architecture
- JBoss Background and Overview
- Basic JBoss AS Architecture
- Downloading and Installing JBoss AS
- Starting and Stopping Jboss

JBoss AS Structure and Architecture

- JBoss AS Directory and File Structure
- JBoss Standard Configurations and Custom Configurations
- Configuration Directory and File Structure
- The JBoss Microcontainer Overview and Architecture
- Configuring Beans for the Microcontainer
- JMX and the Legacy JBoss JMX Microkernel and MBean Server
- JBoss AS JMX-based Services and Service Definitions
- The Admin Consoles (JMX Console, Web Consoles, Jopr)

Deployment

- Java EE Application Structure (Jars, Wars, Ears, Sars)

- JBoss AS Deployers
- Deploying and Redeploying Archives
- Expanded Deployments and Nested Deployments
- Deployment Dependencies and Ordering (Explicit and Implicit)
- JBoss Classloading, and Effect on Deployment

Web Container, Port Configuration, JNDI, and DataSources

- Web Container Overview
- The server.xml and other config files
- Configuring the HTTP, HTTPS, and AJP Connectors
- Port Configuration and ServiceBindingManager
- JNDI and Naming Overview
- JBoss Naming Overview and Configuration
- JNDI Client Configuration
- DataSource and JCA Overview
- DataSource Configuration and *-ds.xml Files
- The Hypersonic Database and DefaultDS

Other Services

- Remote Object Invokers and JBoss Remoting
- Unified Invoker, and RMI Invoker
- HTTP Invoker
- JMS - Java Message Service
- Web Services
- Other Services - EJB, JMX Invoker Adapter, RMI Class loading

Security

- Java EE Security Overview
- JBoss AS Security Architecture
- JBoss AS Security Domains

- JBoss AS Login Modules
- Using UsersRolesLoginModule
- Using Password Hashing
- Using DatabaseServerLoginModule
- Other Login Modules (LDAP, etc)
- Encrypting Datasource Passwords
- Enabling SSL
- Securing Other JBoss AS Services - Consoles, Invokers, DataSources, etc.