

English Delivery Only: JBoss Application Server Administration

Duración: 4 Días **Código del Curso: JBOSS** **Método de Impartición: Curso Remoto (Virtual)**

Temario:

*** Course delivered in English (UK) ***JBoss Application Server Administration Course Overview

This JBoss Application Server Administration course teaches the core skills needed to install and manage the JBoss Application Server up to WildFly version 21, equivalent to JBoss EAP version 7.3.

As well as configuring the JBoss Application Server, this hands-on course shows delegates how to deploy and monitor Java Enterprise Edition and web applications. Delegates will also configure various JBoss subsystems such as logging, data sources and messaging, and investigate tuning and high availability concepts such as clustering and load balancing.

Similarly, the course is targeted to closely follow the official Red Hat JBoss curriculum for certification.

Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

Curso Remoto (Abierto)

Nuestra solución de formación remota o virtual, combina tecnologías de alta calidad y la experiencia de nuestros formadores, contenidos, ejercicios e interacción entre compañeros que estén atendiendo la formación, para garantizar una sesión formativa superior, independiente de la ubicación de los alumnos.

Dirigido a:

Who will the Course Benefit?

This JBoss Application Server Administration course is aimed at application server administrators. It may also benefit developers and system administrators who require a greater understanding of deployment and administration with JBoss.

Objetivos:

- Course Objectives
 - To provide the skills necessary to install, configure, manage, deploy applications to and understand the core aspects of JBoss Application Server.

Prerequisites:

- Good operating system knowledge similar to the level covered on our Linux Introduction course or an equivalent Windows course is required. Whilst no prior knowledge of JBoss is required, delegates should be from a relevant technical background. Some awareness of internet architectures and protocols is assumed.

Siguientes cursos recomendados:

Further Learning

- Apache Web Server
- Developing Applications with Java EE

Contenido:

JBoss Application Server Administration Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials

Session 1: INTRODUCTION TO JBOSS

- The Application Server Environment
- Aspects of JBoss
- WildFly and Enterprise Editions
- JBoss Component Tour

Session 2: INSTALLATING JBOSS

- Installation Options
- Installing Java
- Installing the JBoss Application Server

Session 3: JAVA ENTERPRISE EDITION ARCHITECTURE

- Java Enterprise Edition (JEE) Applications
- Web Components
- Business Components
- Web Services
- JBoss and Middle Tier Architecture

Session 4: ADMINISTRATIVE TOOLS

- Using the Command Line Interface (CLI)
- Using the Web Admin Console
- Scripting Tasks with CLI
- JBoss and JMX JBoss Application Server
Administration Training Course Course
Contents - DAY 2

Session 5: CONFIGURATION IN STANDALONE MODE

- Configuring JBoss for Standalone Mode
- The standalone.xml Configuration File
- The Standalone Mode Directory Structure

Session 6: CONFIGURATION IN DOMAIN MODE

- Configuring JBoss for domain mode
- The domain.xml and host.xml
Configuration Files
- Domain Controllers and Host Controllers
- Using Server Groups

Session 7: MANAGING THE APPLICATION SERVER

- Starting and Stopping JBoss Instances
- Instance Life Cycle in Standalone Mode
- Instance Life Cycle in Domain Mode
- Backup and Recovery Options

Session 8: WORKING WITH LOGS

- Configuring and Using the Logging
Subsystem
- Configuring the Built-in Handlers JBoss
Application Server Administration
Training Course Course Contents - DAY
3

Session 9: DEPLOYING APPLICATIONS

- WAR Files,EAR Files and Deployment
Descriptors
- Standalone Mode Deployment
- Domain Mode Deployment
- Server Group Deployment
- Deploying with CLI
- Deploying with Web Admin Console

Session 10: DEFINING DATASOURCES

- Communicating with databases
- JDBC Drivers
- Defining a Datasource
- Database Connection Pooling

Session 11: JMS MESSAGING

- Introduction to JMS
- JBoss Messaging
- Configuring Connection Factories,Topics
and Queues JBoss Application Server
Administration Training Course Course
Contents - DAY 4

Session 12: WEB TIER CONFIGURATION

- JBoss Web Configuration
- Web Deployment Descriptors
- Web Connectors
- Configuring Apache Servers
- Web Services and JAX-WS

Session 13: BATCH PROCESSING

- JEE Batch Applications
- The Batch Subsystem
- Configuring Batch Jobs

Session 14: CLUSTERING

- High Availability Solutions
- JBoss Clustering
- Load Balancing Configuration
- Standalone and Domain Mode Clusters

Session 15: SECURITY CONSIDERATIONS

- The JBoss Security Model
- Using Login Modules
- Securing Web Applications and JMS
Destinations
- Configuring HTTPS Connectors
- Using a Password Vault

Session 16: PERFORMANCE TUNING

- Performance Issues and Solutions
- Configuring the JVM in Standalone and
Domain mode
- Web,JMS and EJB Tuning

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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