Red Hat JBoss Application Administration II

Course#:JB348
Duration:4 Days
Price:0.00

Course Description

Manage and provision large-scale deployments of JBoss Enterprise Application Platform

Red Hat JBoss Application Administration II (JB348) prepares students to provision and manage Red HatJBossEnterprise Application Platform (JBoss EAP) in large-scale production environments. Intended for experienced administrators, this course provides a deeper understanding of how to work with JBoss EAP by taking a closer look at installation, clustering, deployments, scripting, management, messaging, and security with a view towards building on the skills established inRed Hat JBoss Application Administration I (JB248).

While focusing on automating tasks using the new command line interface (CLI) features of EAP 7, this course takes a deeper dive into provisioning JBoss EAP instances, live patching, clustering, and domain management through CLI scripting, custom coding, JBoss migrations, and a deeper dive into the security systems of JBoss EAP, including the management interface, securing resources such as JMS queues, implementing SSL for the web interface, RBAC, and network considerations. JBoss Application Administration II (JB348) also covers management, clustering, and tuning of of the ActiveMQ Artemis.

This course is based on JBoss EAP 7.

Objectives

Installation of JBoss EAP and optional components

Migration of JBoss EAP 6 to JBoss EAP 7

Clustering with an emphasis on tuning

Deployments to production and cloud environments

Script with CLI

JBoss EAP monitoring and resource management

Messaging with an emphasis on clustering and tuning

JBoss EAP and application security

Audience

Experienced system administrators responsible for deploying and administering JBoss Enterprise Application Platform 7 in large-scale production environments

At least 2 years of experience as a JBoss EAP administrator

IT professionals who have taken and passedRed Hat Certified Specialist in Enterprise Application Server Administration exam (EX248)and become aRed Hat Certified Specialist in Enterprise Application Server Administration certificationson JBoss EAP 7

Prerequisites

It is recommended to takeRed Hat JBoss Application Administration I (JB248)or have equivalent experience

Be a Red Hat Certified Specialist in Enterprise Application Server Administrationon Enterprise Application Platform 6 (or later) or have equivalent experience

Content

In this hands-on, lab-intensive course, you will learn about and perform the following duties:

Whats new in JBoss EAP 7?

Describe the new features of JBoss EAP 7.

Migrate to JBoss EAP 7

Explore strategies for migrating from JBoss EAP 6 to JBoss EAP 7.

Clustering

Demonstrate clustering components, their configuration, and application to clustered architectures.

Deployment

Lean to deploy an application in various types of production environments.

Scripting

Learn to script various configuration and management scenarios using the CLI.

Management

Use various tools to monitor and manage JBoss EAP 7.

Messaging

Learn how to manage supported messaging systems.

Secure applications

Configure security settings to restrict authorization and authentication to secure Java EE applications.

Secure JBoss EAP

Configure security settings that include authentication, authorization, and the management console.

Comprehensive review

Review tasks and concepts from Red Hat JBoss Application Administration II (JB348).