Red Hat JBoss Application Administration II

Course#:AD348
Duration:5 Days
Price:54000.00

Course Description

Red Hat JBoss Application Administration II (AD348) prepares students to provision and manage Red Hat JBoss Enterprise 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 in Red Hat JBoss Application Administration I (AD248).

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 (AD348) 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 passed Red Hat Certified Specialist in Enterprise Application Server Administration exam (EX248) and become a Red Hat Certified Specialist in Enterprise Application Server Administration certifications on JBoss EAP 7

Prerequisites

 It is recommended to take Red Hat JBoss Application Administration I (AD248) or have equivalent experience
 Be a Red Hat Certified Specialist in Enterprise Application Server Administration on 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 (AD348).