

RHAD348 Red Hat JBoss Application Administration II

Course Summary

Description

Red Hat JBoss Application Administration II (JB348) 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 (JB248).

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

Topics

- What's new in JBoss EAP 7?
- Migrate to JBoss EAP 7
- Clustering
- Deployment
- Scripting
- Management
- Messaging
- Secure applications
- Secure JBoss EAP
- Comprehensive review

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 (JB248) 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

Duration

Five days

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Course Outline

- I. *What's new in JBoss EAP 7?*
 - A. Describe the new features of JBoss EAP 7.
- II. *Migrate to JBoss EAP 7*
 - A. Explore strategies for migrating from JBoss EAP 6 to JBoss EAP 7.
- III. *Clustering*
 - A. Demonstrate clustering components, their configuration, and application to clustered architectures.
- IV. *Deployment*
 - A. Learn to deploy an application in various types of production environments.
- V. *Scripting*
 - A. Learn to script various configuration and management scenarios using the CLI.
- VI. *Management*
 - A. Use various tools to monitor and manage JBoss EAP 7.
- VII. *Messaging*
 - A. Learn how to manage supported messaging systems.
- VIII. *Secure applications*
 - A. Configure security settings to restrict authorization and authentication to secure Java™ EE applications.
- IX. *Secure JBoss EAP*
 - A. Configure security settings that include authentication, authorization, and the management console.
- X. *Comprehensive review*
 - A. Review tasks and concepts from Red Hat JBoss Application Administration II (JB348).