

Course JB348: Red Hat JBoss Application Administration II

Length	: 4 Days
Audience(s)	: Platform Administrator and System Administrators
Delivery Method	: Instructor-led (classroom)

About this Course

Learn about clustering, performance tuning, and securing enterprise application platform instances, as well as troubleshooting and applying fixes. This course is the follow-on course for JBoss Application Administration I (JB248).

Audience Profile

- Experienced system administrators responsible for deploying and administering JBoss Enterprise Application Platform 6 in large-scale production environments.
- At least 2 years of experience as a JBoss Enterprise Application Platform administrator
- JBoss Certified Application Administrators (EAP 6)

At Course Completion

After completing this course, students learn how to:

- Install JBoss Enterprise Application Platform 6 and optional components
- Learn about clustering with an emphasis on tuning
- Deploy to production and cloud environments
- Script with CLI
- Monitor and manage resources for Enterprise Application Platform
- Manage, cluster, and tune a HornetQ messaging system
- Configure security settings that include authentication, authorization, networking, and the management interfaces

Pre-Requisites

Before attending this course, students must have:

- JBoss Application Administration I (JB248) (highly recommended)
- Red Hat Certified JBoss Administrator (RHCJA) Enterprise Application Platform 6 status is recommended but not required; students should at least be able to accomplish the tasks associated with the JBCAA EAP 6 exam (EX248).

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Course Outline

Module 1: Installation

- Given the proper installation media, perform Red Hat® JBoss® Enterprise Application Platform 6 installations that are repeatable, upgradeable, and silent.

Module 2: Clustering

- Demonstrate a proficient knowledge of clustering components, their configuration, and application to clustered architectures.

Module 3: Deployment

- Deploy an application in various types of production environments.

Module 4: Scripting

- Script various configuration and management scenarios using command line interface (CLI).

Module 5: Management

- Use various tools to monitor and manage JBoss Enterprise Application Platform.

Module 6: Messaging

- Learn how to manage supported messaging systems.

Module 7: Security

- Configure security settings that include authentication, authorization, networking, and the management interfaces.

Module 8: Overview of JBoss Operations Network

- Learn the functionality of JBoss Operations Network and its use cases. Also learn how to install a JBoss Operations Network server, an agent, and agent plug-ins.

Module 9: Monitoring resources

- Learn how to use JBoss Operations Network to monitor managed resources, including defining alerts, baselines, and notifications.