
Red Hat JBoss Application Administration I

Duration: 5 Days **Course Code: AD248**

Overview:

JBoss® Application Administration I teaches you the best practices for installing and configuring Red Hat JBoss Enterprise Application Platform 7. Through hands-on labs, learn the essential, real-world tasks that a system administrator needs to know to effectively deploy and manage applications on JBoss Enterprise Application Platform.

Note: replaces our popular course and is meant for system administrators. The topics in this course cover all of the exam objectives of the JBCAA exam.

Target Audience:

System administrators who are both new to JBoss and have experience with JBoss Enterprise Application Platform 5/6

Objectives:

- As a result of attending this course, you should be able to manage JBoss EAP 7 in both standalone mode and a managed domain with both the EAP CLI and web console.
 - You should be able to demonstrate these skills:
 - Install JBoss EAP 7 in standalone mode or as a managed domain.
 - Configure the new batch subsystem.
 - Administer the HornetQ messaging subsystem.
 - Secure applications deployed on JBoss EAP.
 - Customize server logging.
 - Create and manage datasource connections to databases.
 - Manage JBoss EAP clustering.
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Prerequisites:

- Base experience with system administration on Microsoft Windows, UNIX, or Linux® operating systems
- Understanding of hardware and networking

No prior knowledge of Java, scripting, or JBoss Developer Studio required

Testing and Certification

After completing this course, you should be prepared to take the JBoss Certified Application Administrator (JBCAA) exam (EX248).

Content:

Overview of JBoss Enterprise Application Platform (JBoss EAP)

- Learn the concepts and terminology of JBoss EAP 7.
- Install and run a JBoss EAP instance.
- Understand extensions, profiles, and subsystems.

Configure JBoss EAP in standalone mode

- Run and configure JBoss EAP in standalone mode.
- Configure interfaces and socket binding groups.

Script configure and deploy applications

- Configure JBoss EAP with command line interface.
- Deploying applications in standalone mode.

Configure JBoss Enterprise Application Platform as a managed domain

- Run JBoss EAP as a managed domain.
- Assign a domain controller.
- Configure a host controller and domain controller.

Configure servers in a managed domain

- Manage domain server architecture.
- Configure servers and server groups.

Configure datasources

- Explore the datasource subsystem and configure JDBC drivers, datasources, and an XA datasource.

Configure the logging subsystem

- Configure loggers and logging handlers.

Configure the messaging subsystem

- Explore the messaging subsystem.
- Configure messaging resources, journals, and other settings.

Secure JBoss EAP

- Configure a database security realm, an LDAP security realm, and password vault.
- Secure a JMS Destination.

Configure the Java Virtual Machine (JVM)

- Configure the JVM in standalone mode and in a managed domain.

Configure the web subsystem

- Explore and configure the features of the web subsystem.

Deploy clustered applications

- Explore clustered applications.
- Configure subsystems that support clustered applications and configure load balancing.
- Deploy HA Singleton applications.

Configure the batch subsystem

- Explore and configure batch jobs and batch subsystem.

Discover new features in JBoss EAP 7

- Explore the new features in JBoss EAP 7.
- Migrate JBoss EAP 6 applications to JBoss EAP 7.

Comprehensive Review of Red Hat JBoss Application Administration I

- Review the tasks in Red Hat JBoss Application Administration I.

Additional Information:

Red Hat Learning Subscriptions:

The Red Hat Learning Subscription is an exclusive program that provides users with 12-months access to all Red Hat Online Learning and video classroom courses. All subscribers will receive unlimited access to online learning content, up to 400 hours of hands-on lab time and more than 300 recorded instructor videos.

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For more information please see LS120 and LS220 below

https://www.globalknowledge.com/en-GB/Products/Red_Hat/LS120

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Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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