RED HAT JBOSS APPLICATION ADMINISTRATION (AD248)

Course Code: 1177

Install, configure, and manage Red Hat® JBoss® Enterprise Application Platform

In this course, you will learn the best practices for installing and configuring JBoss Enterprise Application Platform (JBoss EAP 7). Through hands-on labs, you will learn the essential, real-world tasks that a system administrator needs to know to effectively deploy and manage applications on JBoss Enterprise Application Platform. After completing this course, you will be prepared to take the JBoss Certified Application Administrator (JBCAA) exam.

Note: After completing this course, you should be prepared to take the Red Hat Certified JBoss Administration (RHCJA) exam.

Unsure where your Red Hat JBoss Administration skills are? Take our JBoss Administration skills assessment to find out.

Red Hat Learning Subscription COURSE – Included with Your Purchase

Starting January 1, 2026, Red Hat introduces RHLS-Course —a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.

When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.

Your RHLS subscription includes:
- One live, instructor-led virtual session
- 12 months of self-paced learning access
- One certification exam with a free retake

Onsite Classroom-based sessions and closed course options remain unchanged.

What You'll Learn
- Install and run JBoss EAP 7 in standalone mode and domain mode
- Configure a domain
- Deploy applications to JBoss EAP 7

- Configure the datasource subsystem
- Configure Java Message Service (JMS) and HornetQ
- Configure the logging subsystem
- Configure the web subsystem
- Implement application security in JBoss EAP 7
- Configure the batch subsystem
- Get an introduction to clustering

Who Needs to Attend

- System administrators who are either new to Red Hat JBoss and have experience with JBoss Enterprise Application Platform 6

Prerequisites

- Basic 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 is required

RED HAT JBOSS APPLICATION ADMINISTRATION (AD248)

Course Code: 1177

CLASSROOM LIVE	$4,000 USD	5 Day

Classroom Live Outline

1. Overview of JBoss Enterprise Application Platform

- Learn the concepts and terminology of JBoss Enterprise Application Platform (JBoss EAP) 7
- Install and run a JBoss Enterprise Application Platform instance
- Understand extensions, profiles, and subsystems

2. Configure JBoss Enterprise Application Platform in Standalone Mode

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

3. Script Configure and Deploy Applications

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

4. 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

5. Configure Servers in a Managed Domain

- Manage domain server architecture
- Configure servers and server groups

6. Configure Datasources

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

7. Configure the Logging Subsystem

- Configure loggers and logging handlers

8. Configure the Messaging Subsystem

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

9. Secure JBoss Enterprise Application Platform

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

10. Configure the Java Virtual Machine (JVM)

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

11. Configure the Web Subsystem

- Explore and configure the features of the web subsystem

12. Deploy Clustered Applications

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

13. Configure the Batch Subsystem

- Explore and configure batch jobs and batch subsystem

14. Discover New Features in JBoss Enterprise Application Platform 7

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

15. Comprehensive Review of Red Hat JBoss Application Administration I

- Review the tasks in Red Hat JBoss Application Administration I

Note: The course outline is subject to change with technology advances and as the nature of the underlying job evolves.

RED HAT JBOSS APPLICATION ADMINISTRATION (AD248)

Course Code: 1177

VIRTUAL CLASSROOM LIVE	$4,400 USD	5 Day

Virtual Classroom Live Outline

1. Overview of JBoss Enterprise Application Platform

- Learn the concepts and terminology of JBoss Enterprise Application Platform (JBoss EAP) 7
- Install and run a JBoss Enterprise Application Platform instance
- Understand extensions, profiles, and subsystems

2. Configure JBoss Enterprise Application Platform in Standalone Mode

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

3. Script Configure and Deploy Applications

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

4. 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

5. Configure Servers in a Managed Domain

- Manage domain server architecture
- Configure servers and server groups

6. Configure Datasources

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

7. Configure the Logging Subsystem

- Configure loggers and logging handlers

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

9. Secure JBoss Enterprise Application Platform
  - Configure a database security realm, an LDAP security realm, and password vault
  - Secure a JMS Destination

10. Configure the Java Virtual Machine (JVM)
  - Configure the JVM in standalone mode and in a managed domain

11. Configure the Web Subsystem
  - Explore and configure the features of the web subsystem

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

13. Configure the Batch Subsystem
  - Explore and configure batch jobs and batch subsystem

14. Discover New Features in JBoss Enterprise Application Platform 7
  - Explore the new features in JBoss EAP 7
  - Migrate JBoss EAP 6 applications to JBoss EAP 7

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

Note: The course outline is subject to change with technology advances and as the nature of the underlying job evolves.

Feb 23 - 27, 2026 | 10:30 AM - 6:30 PM EST

RED HAT JBOSS APPLICATION ADMINISTRATION (AD248)

Course Code: 1177

ON-DEMAND	$4,400 USD

On-Demand Outline

1. Overview of JBoss Enterprise Application Platform

- Learn the concepts and terminology of JBoss Enterprise Application Platform (JBoss EAP) 7
- Install and run a JBoss Enterprise Application Platform instance
- Understand extensions, profiles, and subsystems

2. Configure JBoss Enterprise Application Platform in Standalone Mode

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

3. Script Configure and Deploy Applications

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

4. 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

5. Configure Servers in a Managed Domain

- Manage domain server architecture
- Configure servers and server groups

6. Configure Datasources

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

7. Configure the Logging Subsystem

- Configure loggers and logging handlers

8. Configure the Messaging Subsystem

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

9. Secure JBoss Enterprise Application Platform

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

10. Configure the Java Virtual Machine (JVM)

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

11. Configure the Web Subsystem

- Explore and configure the features of the web subsystem

12. Deploy Clustered Applications

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

13. Configure the Batch Subsystem

- Explore and configure batch jobs and batch subsystem

14. Discover New Features in JBoss Enterprise Application Platform 7

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

15. Comprehensive Review of Red Hat JBoss Application Administration I

- Review the tasks in Red Hat JBoss Application Administration I

Note: The course outline is subject to change with technology advances and as the nature of the underlying job evolves.

RED HAT JBOSS APPLICATION ADMINISTRATION (AD248)

Course Code: 1177

PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.