

AD248: Red Hat JBoss Application Administration I

Course Code: AD248

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

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

Red Hat JBoss Application Administration I teaches you the best practices for installing and configuring Red Hat® JBoss® Enterprise Application Platform (JBoss EAP) 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 EAP.

After completing this course, you should be prepared to take the Red Hat Certified Specialist in Enterprise Application Server Administration exam.

SKILLS COVERED

- Installing and run JBoss EAP 7 in standalone mode and domain mode
- Configuring a domain
- Deploying applications to JBoss EAP 7
- Configuring the datasource subsystem
- Configuring Java™ Message Service (JMS) and HornetQ
- Configuring the logging subsystem
- Configuring the web subsystem
- Implementing application security in JBoss EAP 7
- Configuring the batch subsystem
- An introduction to clustering

WHO SHOULD ATTEND?

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

PREREQUISITES

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

MODULES

Module 1: Red Hat JBoss Enterprise Application Platform: Architecture and Features

- Describe the architecture and features of the Red Hat JBoss Enterprise Application Platform

Module 2: Configuring JBoss EAP as a Standalone Server

- Configure a standalone server instance of JBoss EAP

Module 3: Scripting Configuration and Deploying Applications

- Configure JBoss EAP using the Command Line Interface tool and deploy Jakarta EE applications

Module 4: Configuring JBoss EAP as a Managed Domain

- Configure JBoss EAP as a Managed Domain

Module 5: Configuring Servers in a Managed Domain**END OF PAGE**

- Configure servers and server groups in a managed domain

Module 6: Configuring Data Sources

- Configure JDBC database drivers and data sources

Module 7: Configuring the Logging Subsystem

- Configure log handlers and loggers

Module 8: Configuring the Messaging Subsystem

- Interpret the messaging architecture and configure various messaging resources

Module 9: Securing JBoss EAP

- Apply security configurations to enhance the security of applications deployed on JBoss EAP

Module 10: Configuring the Java Virtual Machine

- Configure the JVM settings in a standalone server and in a managed domain

Module 11: Configuring the Web Subsystem

- Configure connectors, servers, and other features of the web subsystem

Module 12: Deploying Clustered Applications

- Configure various subsystems to support the deployment of clustered applications