Red Hat JBoss Application Administration I (AD248)

Course 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.

This course is based on Red Hat JBoss® Enterprise Application Platform 7.4.

Who should attend

System administrators who are either new to Red Hat JBoss or have experience with Red Hat JBoss Enterprise Application Platform 7.

This course is part of the following Certifications

Red Hat Certified Specialist in Enterprise Application Server Administration (RHCJA)

Prerequisites

- Take our free assessment to gauge whether this offering is the best fit for your skills
- Base experience with system administration on Microsoft Windows, UNIX, or Linux® operating systems
- Basic understanding of TCP/IP networking
- No prior knowledge of Java or shell scripting is required

Course Objectives

Impact on the organization

This course is intended to develop the skills needed to minimize time to market for applications, and to simplify administration tasks. These skills are suitable for organizations seeking to increase application stability and cut costs for managing applications.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact of this training

As a result of attending this course, you should be able to manage JBoss EAP 7 in both standalone and domain mode with both the EAP CLI and web console.

Course Content

- Installing and run JBoss EAP 7 in standalone mode and domain mode
- Configuring and managing a JBoss EAP domain
- Deploying applications to JBoss EAP 7 in standalone and domain mode
- Configuring the datasource subsystem
- Configuring Java™ Message Service (JMS)
- Configuring the logging subsystem
- Configuring the web subsystem
- Implementing application security in JBoss EAP 7
- JVM configuration and tuning for JBoss EAP
- Clustering JBoss EAP instances

Detailed Course Outline

Red Hat JBoss Enterprise Application Platform: Architecture and Features

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

Configuring JBoss EAP as a Standalone Server

Configure a standalone server instance of JBoss EAP

Scripting Configuration and Deploying Applications

Configure JBoss EAP using the Command Line Interface tool and

deploy Jakarta EE applications

Configuring JBoss EAP as a Managed Domain

Configure JBoss EAP as a Managed Domain

Configuring Servers in a Managed Domain

Configure servers and server groups in a managed domain

Configuring Data Sources

Configure JDBC database drivers and data sources

Configuring the Logging Subsystem

Configure log handlers and loggers

Configuring the Messaging Subsystem

Interpret the messaging architecture and configure various messaging resources

Securing JBoss EAP

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

Configuring the Java Virtual Machine

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

Configuring the Web Subsystem

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

Deploying Clustered Applications

Configure various subsystems to support the deployment of clustered applications

About Fast Lane

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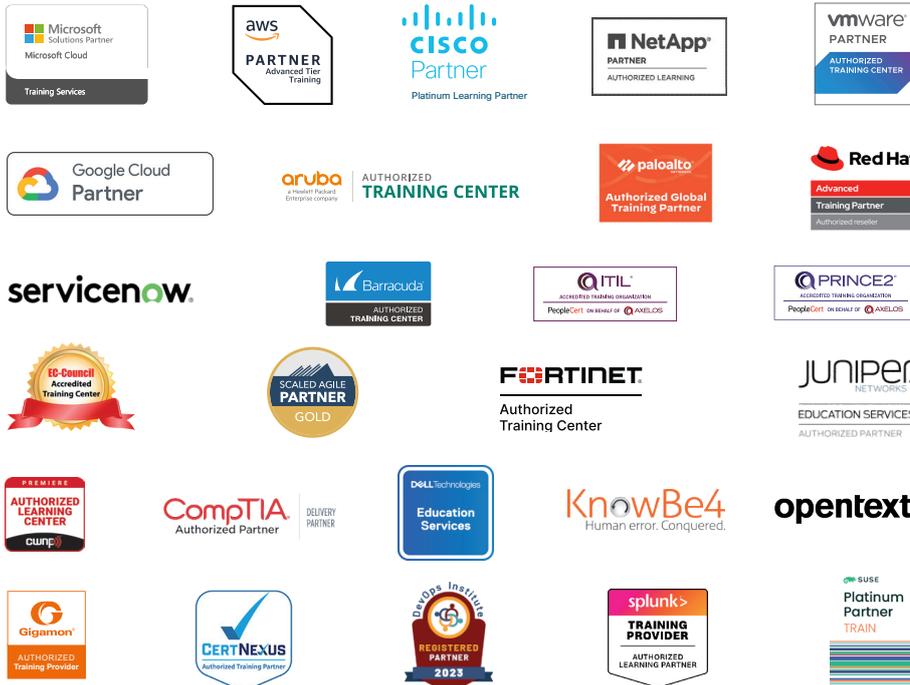
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