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Red Hat JBoss Application Administration I with (EX248) Exam

Duration: 5 Days   Course Code: AD249

Overview:

This course will cover best practices for installing and configuring Red Hat® JBoss® Enterprise Application Platform (JBoss EAP) 7. This hands-on class covers the real-world tasks that a system administrator needs to know to deploy and manage applications on JBoss EAP. The topics in this course cover all of the exam objectives of the Red Hat Certified Specialist in Enterprise Application Server Administration exam.

Target Audience:

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

Objectives:

- 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 Artemis

- Configure the logging subsystem

- Configure the web subsystem

- Implement application security in JBoss EAP 7

- Configure the batch subsystem

- Get an introduction to clustering

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

Content:

Overview of JBoss® Enterprise Application Platform (JBoss EAP)

Learn the concepts and terminology of JBoss EAP 7.

Configure JBoss EAP in standalone mode

Run and configure JBoss EAP in standalone mode.

Script configure and deploy applications

Configure JBoss Enterprise Application Platform with command line interface and deploy applications in standalone mode.

Configure JBoss EAP as a managed domain

Run JBoss EAP as a managed domain, assign a domain controller, and configure a host controller and domain controller.

Configure servers in a managed domain

Manage domain server architecture and 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 and configure messaging resources, journals, and other settings.

Secure JBoss EAP

Configure a database security realm, an LDAP security realm, and password vault.

Configure the Java virtual machine

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, and 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.

Comprehensive review of Red Hat JBoss Application Administration I

Review the key tasks in JBoss Application Administration I.

Note: Course outline is subject to change with technology advances and as the nature of the underlying job evolves. For questions or confirmation on a specific objective or topic, contact a training specialist.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

info@globalknowledge.be

www.globalknowledge.com/en-be/