

## **Red Hat JBoss Application Administration I**

### **Outline for this course**

#### **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.