Red Hat Certified Specialist in Enterprise Application Server Administration

Content

1. Installation and Configuration

- Install and run an instance of **Red Hat JBoss EAP**.
- Configure multiple instances of JBoss for scalability.

2. Web Connectors

- Set up JBoss web connectors to handle HTTP and other protocols.

3. Application Deployment

- Deploy applications to the JBoss server.
- Configure web properties for the deployed applications.

4. Logging Configuration

- Configure logging settings to capture application and server logs.

5. Access Control

- Implement access control mechanisms to secure applications.

6. JVM Configuration

- Adjust Java™ Virtual Machine (JVM) properties for optimal performance.

7. Service Management

- Remove unnecessary services to streamline the server.

8. Data Source Configuration

- Configure XA and non-XA data sources for database connections.
- Set up a database management system (DBMS) security domain.

9. Clustering and JMS

- Configure a cluster using TCP for high availability.
- Create a clustered Java Message Service (JMS) queue for messaging.

10. Load Balancing and Failover

- Implement load balancing and failover strategies for resilience.