Red Hat Certified Specialist in Messaging Administration

Content

1. Create a JBoss AMQ Simple Broker Instance

- Understand the steps to set up a basic broker instance.

2. Configure Addresses, Queues, and Topics

- Learn how to create and manage addresses, queues, and topics in JBoss AMQ.

3. Configure Point-to-Point and Publisher-Subscriber Messaging

- Distinguish between point-to-point and publish-subscribe messaging models.
- Implement messaging configurations accordingly.

4. Understand JMS Messaging Naming Convention

- Familiarize yourself with JMS naming conventions for addresses, queues, and topics.

5. Configure Expiring Messages and Dead Letter Queue

- Set up message expiration policies and manage messages that move to the Dead Letter queue.

6. Configure Fine-Grained Address Settings

- Learn to apply fine-grained settings for specific messaging scenarios.

7. Apply AMQ Broker Wildcard Syntax

- Understand and utilize wildcard syntax for configuring addresses and subscriptions.

8. Configure Paging

- Implement paging to manage memory usage and message storage effectively.

9. Understand and Tune Performances

- Identify performance metrics and learn how to tune the broker for optimal performance.

10. Enable/Disable Access to Guest and Configure Guest Access

- Manage guest user access, enabling or disabling as needed, and configure associated permissions.

11. Configure Authorization and Authentication

- Set up authorization and authentication mechanisms for secure access to the broker.

12. Secure Network Connection, Acceptors, and Connectors

- Implement security for network connections, including acceptors and connectors.

13. Configure a Cluster of Brokers

- Understand the steps for configuring a cluster of JBoss AMQ brokers for scalability and reliability.

14. Configure High Availability and Failover

- Set up configurations for high availability and failover scenarios in the broker cluster.