

Red Hat Certified Specialist in Messaging Administration

Course Outline

- 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.