

2 Days

Red Hat JBoss A-MQ Development and Deployment

Key concepts associated with JMS and Apache ActiveMQ/Fabric—including topologies, protocols, message groups virtual destinations, failover and high-availability. Participants will learn how Apache ActiveMQ/Fuse Message Broker can be used with multiple communication protocols and in numerous client-broker and broker-broker topologies. Red Hat JBoss A-MQ installation Client connectivity and broker networks High availability, reliability, and load balancing Security for JBoss A-MQ Performance Tuning Managing JBoss A-MQ networks with Fabric Java Message Service (JMS) enhancements Heterogeneous environments

Course Details

Course Outline

Introduction to Red Hat JBoss A-MQ Introduce the main components and commands required to run and configure JBoss A-MQ. Introduction to Java Message Service (JMS) Provide an overview of messaging in the Java environment. Enhancements to JMS Become familiar with JBoss A-MQ enhancements to JMS. Increasing performance in A-MQ Perform tasks to tune performance. Implementing security in Red Hat JBoss A-MQ Increase availability and reliability using load balancing and other strategies. Managing A-MQ Networks with Fabric Manage JBoss A-MQ networks with Fabric. Connecting to A-MQ using JMS Connect to JBoss A-MQ using JMS. Enhancements to JMS Learn about enhancements to JMS. Heterogeneous Environments Describe programming technologies used in heterogeneous environments.

Who Should Attend

Java developers and A-MQ administrators who need to understand how to build integration solutions with A-MQ, using message-oriented middleware with high performance and high availability capabilities.

Pre Requisite

A basic understanding of distributed systems design challenges involving message-oriented middleware (MOM) A solid understanding of Java including Apache Maven and JBoss Developer Studio

Exams

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