Red Hat JBoss AMQ Administration (AD440)

Category: Software Development & Programming | **Vendor:** Red Hat

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Other

Course Overview

Red Hat® AMQ Administration (AD440) helps system administrators, architects, and developers acquire the skills they need to administer the message broker, Red Hat JBoss AMQ. Through numerous hands-on exercises, the student will create, configure, manage, and monitor broker instances including hardened, clustered brokers that provide high availability and failover.This course is based on Red Hat JBoss AMQ 7.0. Red Hat JBoss AMQ, part of the Red Hat application integration suite, provides application administrators, software architects, and developers the ability to integrate disparate applications in a decoupled manner using enterprise messaging paradigms. Providing a highly performant and robust message broker, router, and client libraries for numerous languages, Red Hat JBoss AMQ is the solution for asynchronous and synchronous messaging. Red Hat AMQ Administration (AD440) helps system administrators, architects, and developers acquire the skills they need to administer Red Hat JBoss AMQ. Through numerous hands-on exercises, the student will create, configure, manage, and monitor broker instances including hardened, clustered brokers that provide high availability and failover.

About This Course

Red Hat® AMQ Administration (AD440) helps system administrators, architects, and developers acquire the skills they need to administer the message broker, Red Hat JBoss AMQ. Through numerous hands-on exercises, the student will create, configure, manage, and monitor broker instances including hardened, clustered brokers that provide high availability and failover.

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Who Should Attend

This course is intended for application administrators, developers, IT leaders, and application architects.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

As a result of attending this course, students should be able to configure, secure, and manage a Red Hat JBoss AMQ 7.0 broker to create and integrate message-driven applications.

Detailed Course Outline

Course introduction

- Introduce and review the course.

Install the broker

- Install JBoss AMQ, create a broker instance, and verify connectivity to the instance.

Configuration

- Configure message addresses and queues.

Secure access to the broker

- Configure authentication, authorization, and encryption on the broker.

Configure broker persistence

- Configure zero, file-based, and database-backed persistence.

Manage broker resource consumption

- Configure the broker to limit memory and other resource consumption.

Implement broker clustering, high availability, and failover

- Create a scalable and highly available cluster of brokers.

Monitor and manage the broker

- Monitor and manage broker resources using logging and the web console.

Route messages to brokers

- Install JBoss AMQ interconnect and configure routes to brokers.

Comprehensive review of Red Hat AMQ administration

- Configure Red Hat JBoss AMQ brokers and verify proper operation.

Additional Course Details

Nexus Humans Red Hat JBoss AMQ Administration (AD440) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Red Hat JBoss AMQ Administration (AD440) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Red Hat JBoss AMQ Administration (AD440)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Red Hat JBoss AMQ Administration (AD440) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Red Hat JBoss AMQ Administration (AD440) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Red Hat JBoss AMQ Administration (AD440)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat JBoss AMQ Administration (AD440). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Red Hat JBoss AMQ Administration (AD440)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Red Hat JBoss AMQ Administration (AD440) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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