Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS)

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:	Instructor Led - Online
Related Exam:	Cloud-Native API Administration with Red Hat 3scale API Management; Red Hat 3scale API Management; DO240

Course Overview

Build and Administer APIs with Red Hat 3scale API Management (DO240) is a hands-on, lab-based course that gives SREs and administrators an introduction to managing cloud-native APIs with Red Hat® 3scale API Management. This course enables developers and administrators to install, administer, monetize, secure and document your cloud-native APIs. This course is based on Red Hat 3scale API Management 2.11. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat’s validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

About This Course

Build and Administer APIs with Red Hat 3scale API Management (DO240) is a hands-on, lab-based course that gives SREs and administrators an introduction to managing cloud-native APIs with Red Hat® 3scale API Management. This course enables developers and administrators to install, administer, monetize, secure and document your cloud-native APIs. This course is based on Red Hat 3scale API Management 2.11. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat's validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

Who Should Attend

Site Reliability Engineers and OpenShift Administrators interested in using 3scale API Management to manage, monitor, secure, and monetize their cloud-native APIs.

Prerequisites & Entry Requirements

General Prerequisites:

- Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280)
- Familiarity with testing REST APIs and security concepts like API keys, tokens and OAuth/OIDC.

Learning Outcomes

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

Understand 3scale API Management architecture and primary features. Learn typical API use cases and strategies. Install 3scale API Management on OpenShift. Establish and configure subscription plans and rate limits. Configure and customize the API gateway using policies. Monitor and analyze API traffic. Configure and test API service discovery. Configure a developer portal and monetize your APIs. Configure API security using tokens, API key-pairs, and OAuth/OIDC using Red Hat Single Sign-on (SSO).

Detailed Course Outline

1 - Introduction to Red Hat 3scale API Management

- Describe API management concepts and the architecture of Red Hat 3scale API Management.

2 - Manage APIs with Red Hat 3scale API Management

- Manage your cloud-native APIs with the Red Hat 3scale Admin Portal.

3 - Manage and customize API gateways

- Configure and customize the API Gateway using standard policies.

4 - Secure APIs with Red Hat 3scale API Management

- Secure access to APIs using various mechanisms.

5 - Create a developer portal

- Configure Developer Portals for external consumption and documentation of your APIs.

6 - Monitor APIs with Red Hat 3scale API Management

- Configure monitoring and analytics for APIs and the 3scale API management infrastructure.

7 - Monetize APIs with Red Hat 3Scale API Management

- Monetize APIs by configuring billing plans and pricing rules.

Frequently Asked Questions

Q: What delivery options are available for Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS)?

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: Which exam does this course prepare me for?

This course prepares you for the Cloud-Native API Administration with Red Hat 3scale API Management; Red Hat 3scale API Management; DO240 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 3-day Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS) 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 Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS) 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 Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS). 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 Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS)?

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 Cloud-Native API Administration with Red Hat 3scale API Management - Red Hat Learning Subscription Course (DO240LS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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