

CLOUD-NATIVE API ADMINISTRATION WITH RED HAT 3SCALE API MANAGEMENT (DO240)

Course Code: 821722

Learn to Manage, monetize, and secure APIs with Red Hat 3scale API Management

Manage, monetize, and secure APIs with Red Hat 3scale API Management.

Cloud-native 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.

What You'll Learn

- 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).

Who Needs to Attend

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

Prerequisites

- Take our free assessment to gauge whether this offering is the best fit for your skills.
- Complete Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280) or demonstrate equivalent knowledge.
- Familiarity with testing REST APIs and security concepts like API keys, tokens

and OAuth/OIDC.

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VIRTUAL CLASSROOM LIVE \$3,525 USD

1 Session

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ON-DEMAND

\$3,525 USD

On-Demand Outline

Introduction to Red Hat 3scale API Management

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

Manage APIs with Red Hat 3scale API Management

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

Manage and customize API gateways

- Configure and customize the API Gateway using standard policies

Secure APIs with Red Hat 3scale API Management

- Secure access to APIs using various mechanisms

Create a developer portal

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

Monitor APIs with Red Hat 3scale API Management

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

Monetize APIs with Red Hat 3scale API Management

- Monetize APIs by configuring billing plans and pricing rules

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