

# Cloud-native API Administration with Red Hat 3scale API Management (DO240)

**Duration:** 3 Days

**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.

**Course Description:**

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.

**Intended Audience:**

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

**Course Outlines:**

**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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