

DO241

Cloud-native API Administration with Red Hat 3scale API Management with exam

Course description

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

Cloud-native API Administration with Red Hat 3scale API Management with exam (DO241) 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. The [Red Hat Certified Specialist in API Management exam \(EX240\)](#) is also included in this course.

Prerequisites for this course

- 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.

Outline for this course

- **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.