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

Kód kurzu: DO240

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

Pre koho je kurz určený

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

Čo Vás naučíme

- 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).

Požadované vstupné znalosti

- 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.

Osnova kurzu

- 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.