



RED HAT TRAINING

Build Administer Apis Redhat 3scale Api Management Exam

Learn to build and administer APIs with Red Hat 3scale API Management, preparing for your certification.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level course, "Build Administer APIs Red Hat 3scale API Management Exam," is meticulously designed for IT professionals seeking to master the deployment, configuration, and administration of APIs using Red Hat 3scale API Management. Over a focused 2-hour duration, you will gain hands-on expertise in leveraging 3scale to manage the entire API lifecycle, from secure exposure and traffic control to developer engagement and analytics. The curriculum dives deep into practical scenarios, ensuring you're not just familiar with the concepts but proficient in applying them to real-world challenges.

Participants will explore core technologies such as the 3scale API Gateway, authentication mechanisms (API keys, OAuth), developer portals, and robust analytics capabilities. This course is an essential stepping stone for anyone aiming to enhance their organization's API strategy, improve operational efficiency, and unlock new business opportunities through a well-managed API ecosystem. Upon completion, you will be well-prepared to pass the Red Hat 3scale API Management exam, validating your ability to build, administer, and secure APIs effectively within an enterprise environment.

Duration	2 hours
Level	Intermediate
Vendor	Red Hat

COURSE CURRICULUM

01 Module 1: Introduction to Red Hat 3scale API Management

- Understanding API Management Concepts
- Red Hat 3scale Architecture and Components
- Key Features and Benefits of 3scale
- Deployment Models and Integration Strategies

02 Module 2: API Proxies and Gateway Configuration

- Defining APIs and Services in 3scale
- Configuring API Proxies and Backend Services
- Implementing API Policies (rate limiting, caching)
- Managing Traffic Control and Load Balancing

03 Module 3: API Security and Authentication

- Authentication Methods (API Keys, OAuth 2.0, OpenID Connect)
- Configuring Authentication Policies
- Implementing Authorization and Access Control
- Securing API Endpoints and Data

04 Module 4: Developer Portal and Application Management

- Creating and Customizing the Developer Portal
- Managing Developer Accounts and Applications
- Publishing API Documentation and Usage Examples
- Workflow for API Key Issuance and Management

05 Module 5: API Analytics, Monitoring, and Reporting

- Collecting and Analyzing API Usage Metrics
- Configuring Analytics Dashboards and Reports

- Monitoring API Performance and Health
- Understanding Business Insights from API Data

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **API Administrator**
- > **Integration Specialist**
- > **API Solutions Architect**

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I acquire that are directly applicable to my role as an API Administrator after completing this course?

This course will equip you with the practical skills to configure and manage API proxies, implement robust security policies using OAuth and API keys, customize developer portals, and leverage 3scale's analytics for performance monitoring and reporting. You'll gain hands-on proficiency in defining API products, managing developer access, and ensuring the secure and efficient delivery of APIs within your organization, directly enhancing your capabilities as an API Administrator.

Q: What are the recommended prerequisites or prior knowledge needed to successfully undertake the Red Hat 3scale API Management exam and this associated course?

While this is an intermediate course, a foundational understanding of web services, RESTful APIs, and basic networking concepts is highly recommended. Familiarity with Linux command-line operations and an awareness of Red Hat technologies can also be beneficial, though not strictly required. The course is designed to guide you through 3scale-specific concepts, assuming a general IT background.

Q: How does achieving the Red Hat 3scale API Management certification enhance an organization's overall API strategy and digital transformation initiatives?

Achieving this certification demonstrates your ability to effectively implement and manage Red Hat 3scale, which is crucial for building a scalable, secure, and developer-friendly API ecosystem. This directly supports an organization's digital transformation by enabling faster innovation, secure data exchange, improved partner integration, and efficient monetization of digital assets through a well-governed API program.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors

have empowered thousands of professionals across East Africa.

15+

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10,000+

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READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke