

Anypoint Platform Operations: API Management

Outline

Outline Module 1: Introducing Anypoint Platform

- Describe and navigate Anypoint Platform
- Explain the API development lifecycle with Anypoint Platform
- Organize users with business groups
- Use Anypoint Platform roles and permissions
- Create and use custom roles

Module 2: Discovering and Consuming APIs

- Create APIs in Design Center by consuming reusable API fragments from Anypoint Exchange
- Publish, document, and test API specifications in Anypoint Exchange
- Control API access using Exchange portals
- Discover APIs through public portals • Customize public portals in Exchange

Module 3: Deploying APIs

- Describe the API Gateway
- Deploy API proxies to Mule runtimes
- Explain how to manage an API without an API proxy

Module 4: Applying Runtime Policies

- Explain runtime policies
- Secure APIs with the OAuth 2.0 token enforcement policy
- Enforce Service Level Agreement (SLA) tiers
- Apply SLA-based policies to APIs
- Apply the spike control policy to APIs
- Create and apply custom policies
- Define the order of execution of policies

Module 5: Promoting and Versioning Managed APIs

- Promote managed APIs from one environment to another
- Version APIs in Design Center
- Document changes in API versions inside portals
- Deprecate older versions of APIs

Module 6: Monitoring APIs

- Create API alert notifications
- View API analytics in the Anypoint Analytics Dashboard
- Create custom charts
- Export data from charts
- Create and run custom reports
- Explain how to enable API analytics in third-party software

Exam Details

This instructor-led course is for all operations and administration personnel, developers, and architects who want to get hands-on experience managing and deploying APIs on Anypoint Platform (whether Anypoint Platform is MuleSoft-hosted in the cloud or customer-hosted using Anypoint Platform Private Cloud Edition). Note: This course is for both Mule 3 and Mule 4.

Duration

1 day in-person or online

Objectives

At the end of this course, students should be able to:

- Manage API access with business groups and API portals.
- Create and deploy API proxies.
- Secure and manage APIs with policies and SLA tiers.
- Organize APIs with versioning and documentation.
- Analyze and monitor APIs. Prerequisites There are no course prerequisites.