



Anypoint Platform Operations: Universal API Management - OPS350 (OPS350)

Delivery and Pre-work Information

Pre-work

- Pre-work Title:
 - Pre-work Link:
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Course Information

Class Code

OPS350

Course Name

Anypoint Platform Operations: Universal API Management - OPS350

About This Class

Discover how to manage, secure, and monitor Application Programming Interfaces (API) on Mule and Flex Gateways with Anypoint Platform. In this 3-day instructor-led course, learn how to govern, deploy, and analyze APIs using Anypoint API Manager, API Governance, Command-Line Interface (CLI), Monitoring, and API Analytics. Enable comprehensive visibility, flexible management, and consistent governance of APIs at scale with a single MuleSoft-hosted control plane.

Who should take this class?

This course is designed for Anypoint Platform administrators, including operations personnel, developers, and architects, who are responsible for managing APIs with Anypoint Platform.

Note: Students using their own computer are expected to follow the steps outlined in this [Computer Setup Guide](#).

When you complete this class, you will be able to:

- Manage APIs deployed in Anypoint Platform or elsewhere in a single control plane using Anypoint API Manager.
- Use Anypoint Exchange and public portals to document, version, and share API specifications.
- Secure APIs running anywhere using Anypoint Flex Gateway.
- Control APIs running in Anypoint Platform using Anypoint Mule Gateway.
- Govern APIs with policies and service-level agreement (SLA) tiers.
- Ensure consistent quality and compliance across APIs using Anypoint API Governance.
- Analyze APIs using Anypoint Monitoring.
- Improve the reliability, performance and value of APIs using Anypoint API Analytics.

What lessons and topics will be covered?

Universal API Management on Anypoint Platform

- List the Functionality Included in Universal API Management
- Describe Gateway Options for Managing APIs on Anypoint Platform
- Navigate Anypoint Platform and Anypoint API Manager

API Discovery and Consumption

- Create APIs in Anypoint Design Center with RAML Specifications
- Publish, Document, and Test API Specifications

- Control API Access Using Anypoint Exchange Portals
- Discover APIs Through Public Portals
- Catalog APIs with Anypoint CLI
- Extend Anypoint Exchange with Anypoint API Community Manager

Anypoint Flex Gateway

- Install and Register Flex Gateways
- Expose APIs Through Flex Gateway
- Apply Policies to APIs Managed by Flex Gateway
- Add External Log Forwarding to Flex Gateway
- Scale Flex Gateway Using Replicas
- Secure Flex Gateway Using Transport Layer Security (TLS)

Anypoint Mule Gateway

- Describe API Policy Enforcement Endpoints
- Manage APIs Using Basic Endpoint Configurations
- Manage APIs Using Proxy Endpoint Configurations
- Deploy API Implementations to CloudHub
- Apply Automated Policies to all API Instances

Enhanced Security

- Implement API Governance Profiles and Rulesets
- Validate API Governance Conformance
- Use Anypoint CLI To Automate API Governance Tasks
- Create Custom Governance Rulesets

- Secure Managed APIs with the OAuth 2.0 Token Enforcement Policy

API Governance with Policies and SLA Tiers

- Distinguish Between API Policies
- Enforce SLA Tiers
- Apply Rate Limiting
- Implement the Spike Control Policy to APIs
- Define Policy Order of Execution

Managed API Versions

- Version APIs and API Groups in Anypoint Design Center
- Document Changes in API Versions Inside Portals
- Deprecate Versions of APIs and API Groups

API Monitoring

- Enable Anypoint Monitoring for Applications and APIs
- Monitor APIs Using Built-In Dashboards
- Create Custom Dashboards and Charts
- Create API Alert Notifications with Anypoint API Analytics
- Create and Run Custom Reports from Anypoint API Analytics
- Enable API Analytics in Third-Party Software