

Anypoint Platform Development: Production-Ready Development Practices (Mule 4)

Module 1: Interactively provisioning API-related artifacts

- Recap the fundamental API-related workflows in Anypoint Platform
- Export, import, and publish an API specification (OAS will be used)
- Manage an API instance in API Manager
- Implement an API as a Mule application
- Expose an HTTPS endpoint from a Mule application
- Register an API implementation to also be the API proxy using autodiscovery

Module 2: Applying basic software engineering principles

- Apply and follow coding conventions
- Securely parameterize Mule applications and its Maven build for different runtime environments
- Manage complex Maven dependency relationships of Mule applications
- Use Maven to automate application deployment to CloudHub
- Implement operational logging
- Expose healthcheck endpoints and monitor Mule applications from Anypoint Platform
- Extract reusable Mule application code into libraries

Module 3: Automating unit testing with MUnit

- Enable Mule applications for unit testing with MUnit
- Perform basic unit testing of integration functionality
- Mock external dependencies
- Spy on the data exchanged with external dependencies

Module 4: Sharing resources within domains

- Share libraries within a Mule runtime domain
- Share an HTTP Listener configuration and related resources within a Mule runtime domain