



Anypoint Platform Development: Production-Ready Integrations - DEX670 (DEX670)

Delivery and Pre-work Information

Pre-work

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

Class Code

DEX670

Course Name

Anypoint Platform Development: Production-Ready Integrations - DEX670

About This Class

Discover how to implement Mule applications with production-ready integration solutions using Anypoint Platform. In this 4-day instructor-led course, learn how to address production challenges, including distributed communication, by applying essential integration patterns to Mule application builds.

Who should take this class?

This course is designed for developers who are responsible for implementing Mule applications with production-ready integration solutions using Anypoint Platform. This is also a great course for anyone interested in earning their [MuleSoft Developer II](#) credential.

Students should hold their MuleSoft Developer I credential or possess equivalent knowledge, have previous experience creating Mule applications with Maven, and have a basic understanding of how to create Mule applications with Anypoint Platform and Anypoint Studio. Students who are new to Maven are strongly encouraged to attend [Anypoint Platform Development: Production-Ready Development Practices](#) prior to enrolling for this course.

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:

- Invoke REST APIs and SOAP web services using various client components.
- Pass messages asynchronously between Mule Flows and applications.
- Implement message validation across Mule Flows and applications.
- Apply enterprise integration patterns to orchestrate Mule applications and API invocations.
- Manage states in an application network to increase performance and resilience.
- Extract reusable Mule application code into different Mule runtime extensions.

What lessons and topics will be covered?

Web APIs and Services

- Configure Starter Code
- Invoke HTTP APIs Using the HTTP Connector
- Map Between HTTP Requests and Mule Events
- Enable an API Client for OAuth 2.0
- Invoke a SOAP Web Service over HTTPS Using Mutual Authentication

- Implement an HTTP Callback

Asynchronous Message Passing

- Publish Messages to a VM Queue
- Listen for Messages in a VM Queue
- Publish Messages to an Anypoint MQ Exchange
- Subscribe to Messages in an Anypoint MQ Queue

Message Validation

- Validate Mule Events
- Validate XML Messages
- Validate JSON Messages

Integration Functionality Orchestration

- Parallelize Integration Logic
- Trace Transactions Across an Application Network Using Correlation IDs
- Retry Failed API Invocations

Object Stores

- Persist Data in an Object Store
- Cache Expensive Operations
- Apply a Caching API Policy

Reusable Integration Functionality Components

- Create an XML SDK Component
- Create a Custom API Policy