Anypoint Platform Development: Advanced (Mule 3)

Outline

PART 1: Team Development

Module 1: Managing Mule Projects with Maven

- Use a software project management tool
- Manage dependencies

Module 2: Managing Mule Code

- Maintain Mule source code
- Develop with best practices

Module 3: Achieving Continuous Integration

- Create a CI job
- Trigger the builds
- Automate deployments

Module 4: Driving Development with MUnit

- Create acceptance criteria
- Fail and pass tests
- Refactor test cases
- Refactor Mule applications

PART 2: Advanced Application Development

Module 5: Developing Custom Elements

- Use the Mule API
- Create custom transformers, processors, and beans

Module 6: Implementing Design Patterns

- Enrich data with Mule
- Create scalable parallel processing in Mule

Module 7: Tuning Application Performance

- Understand SEDA architecture
- Analyze threading profiles

Module 8: Working with State

- Impact design with clustering
- Cache outbound requests
- Work with object stores

Module 9: Securing Communication with SSL

- Implement one-way SSL
- Implement two-way SSL

Exam Details

This instructor-led course is for developers and architects interested in advancing their application development skills beyond those taught in the Anypoint Platform Development: Fundamentals course or the self-study MuleSoft.U Development Fundamentals course.

Duration

3 days in-person or 4 days online

Objectives

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

- Manage Mule project development with Maven.
- Achieve continuous integration and use test driven development with MUnit.
- Develop custom elements.
- Implement design patterns and tune application performance.
- Work with state.
- Secure communication with SSL.

Prerequisites

- Completion of the instructor-led Anypoint Platform Development: Fundamentals course, the selfstudy MuleSoft.U Development Fundamentals course, or equivalent knowledge from 6+ months Mule development experience and passing of the MCD - Integration and API Associate exam Note: If you have not taken one of these courses or passed the exam, you will be contacted to confirm your qualifications.
- Experience with Java or another object-oriented language
- Ability to navigate a command-line interface