

## Mulesoft Certification Training Course Content

Course Duration - 45-50 Hrs., 7-8 Weeks

### Course Information

#### Batch Options

Weekday Batch  
Mon - Fri - 1.5 Hr./Day

#### About the Trainer

Industry Expert Trainer with 15+ Years  
Real Time Work Experience at Top US  
Based Product and Consulting Firms

#### Contact Us

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### Introduction To Mulesoft Training

#### Mulesoft

MuleSoft is the most widely used integration platform (Mule ESB & Cloud Hub) for connecting SaaS & enterprise applications in the cloud and on-premise.

#### What you'll learn

- Master building wide range of Application Integrations using Mulesoft.
- Use Anypoint Platform to discover, consume, design, build, deploy, manage, and govern APIs.
- Connect to databases, files, web services, SaaS applications, JMS queues, and more.
- Add application logic, handle errors, and transform data using Data Weave.
- Structure applications to facilitate development and deployment.
- Handle batch data processing with help of files.
- Build Complex Integration Examples hands on from Realtime projects
- Clear Mulesoft Developer Certification Exam and get Job Ready

## Course Content

### Module 1: Introduction

- Integration and Its History.
- Integrations Before and After Middleware.
- What is Middleware and Top Middleware Tools.
- Mulesoft Integration Platform - Advantages and Prerequisites.

### Module 2: Setting up Computer - Running First Mule Application

- AnyPoint Studio
- Introduction to Studio
- Download and Install
- Exercise-01 Building First Mule Application.
- Introduction to Mule Applications
- Mule Flows
- Running a Mule Application

### Module 3: Debugging First Application - Connector-File

- Exercise - 02 Debugging of First Mule Application.
- File Connector Operations
- Exercise-03 : New or Update File.
- Mule Event Model (Event, Payload)

## Module 4: Mule Event Model - File Connector Examples

- Example-04 : Read and move the file, File Names will come as HTTP Query parameter.
- Mule Event Model (attributes, variable, error)

## Module 5: Metadata - Data Sensing - Transform - File Write

- Exercise-05 : New or Update File to write file.
- Transform Event Processor.
- Data Sensing & Meta data editor.

## Module 6: Flow - Sub Flow - Private Flow

- Flow Reference
- Calling subflow and private flow from Main flow
- Payload, variable usage between flows and sub flows.
- Async scope
- Exercise-06: Calling a sub flow / private flow using flow reference. Behaviour of payload and variables in parent and child flows.
- Introduction to Postman, Sending Payload to flow.

## Module 7: Rest Service - Part 1

- HTTP Protocol Basics
- Rest Services - Basics
- Introduction to XML

## Module 8: Rest Service - Part 2

- Introduction to JSON
- Exercise-07 Rest Service with All methods (Employee/Students).
- Testing Rest Service from Postman

## Module 9: Rest Service - Part 3

- Exercise-08 Rest Service with All methods (Student)
- Rest Service returning XML response.
- Testing Rest Service from Postman.

## Module 10: Database Connector

- Database Connector Introduction.
- Database Installation.
- Connector Operation (Insert, Select)
- Exercise-09 continuation of Rest Service example with the Database Connector.
- Database connector operation (update, delete).
- Continuation of Rest service example with the Database connector.

## Module 11: HTTP Connector - Request

- Invoking a Rest service with XML and JSON payload
- With Query Parameters.
- With URI Parameters.
- XML and JSON data.
- Exercise-10 Invoking Rest Services.

## Module 12: VM/JMS Connector

- VM and JMS Connector

## Module 13: Configuration Properties - Secure Configuration Properties

- Properties File
- YAML File
- Secure configuration properties
- Exercise-13,14,15

## Module 14: Mule FTP Connector

- File Zilla Setup
- FTP Connector

## Module 15: Error Handling

- Basic Information
- Error Handlers

## Module 16: Error Handling - Part 2

- Handling errors
- Mapping errors to Custom Error Types
- Raise Error

## Module 17: Anypoint Platform

- What is an API?
- Anypoint Platform
- Registration
- Anypoint Platform Introduction (All Modules)
- Cloud Hub Introduction.
- Deploying application to cloud hub using studio.
- Deploying jar file into cloud hub.
- Any Point Studio
- Exporting a Jar from studio
- Importing a Jar into Studio
- Deployment to cloud hub

## Module 18: Anypoint Platform

- Designer
- Exchange
- Implementation
- API Manager
- Simple example end to end
- Design, Deploy, Manage API.

## Module 19: API Manager

- API Creation
- Basic End Point
- Proxy with Application
- Policies (Basic Auth, Rate Limiting, SLA based Rate limiting, Client ID, Client Secret)

## Module 20: API Led Connectivity

- How and what Anypoint Platform Supports API Led connectivity

## Module 21: RAML

- RAML
- Resources
- Types
- Examples
- Creating the Student Service mainly using RAML.

## Module 22: RAML - Part2

- Advanced concepts of RAML.
- Resource Types
- Traits
- Libraries

## Module 23: Dataweave Complete Part1, Part2, Part3

## Module 24: Batch Processing

- For each
- Bulk Insert
- Batch Processing - Basics

## Module 25: SFDC Connector

- Connector - Accounts Creation, Retrieving.
- SFDC integration.

## Module 26: Misc

- Schedule Service.
- Routers (Choice)
- Until Successful
- Object Store
- Scatter Gather

## Module 27: Deployment Models

- Setting up on premise server
- Using Domain project.
- Deployment Models
- Control Plane - Runtime Plane.

## Module 28: MUNIT

- Unit testing in Mule

## Module 29: Maven

- Maven Basics
- Mule Maven Plugin

## Module 30: GIT

- Version Control

## Module 31: Jenkins

- CI/CD with Jenkins

## Module 32: MuleSoft Certified Developer - Level 1

- Explain various Mulesoft Certification Options
- Discuss 60+ Important MuleSoft Certified Developer - Level 1 questions
- Practice Mulesoft Certification Developer questions on Mulesoft website

## Module 33: Resume Preparation, Interview and Job Assistance

- Explain certification options available in Mulesoft
- Provide tips on how to prepare for Certification
- Help with Resume Preparation as Mulesoft Developer/Architect
- Discuss common interview questions in Mulesoft