

## MULESOFT Course Content

### **Module 1: Introducing Anypoint Platform**

- Learning what Anypoint Platform is and the problems it can help you solve
- Getting familiar with the components of Anypoint Platform

### **Module 2: Building Integration Applications with Anypoint Studio**

- Understanding Mule applications, flows, messages, and message processors
- Creating flows graphically using connectors, transformers, components, scopes, and flow control elements
- Building, running, testing, and debugging Mule applications
- Reading and writing message properties
- Writing expressions with Mule Expression Language (MEL)
- Creating variables

### **Module 3: Consuming Web Services**

- Understanding RESTful and SOAP web services
- Learning about what RAML is and how it can be used
- Consuming RESTful web services with and without RAML definitions
- Consuming SOAP web services

### **Module 4: Connecting to Additional Resources**

- Connecting to files, databases, and JMS queues
- Connecting to SaaS applications
- Discovering and installing connectors not bundled with Anypoint Studio

### **Module 5: Transforming Data**

- Getting familiar with the different types of transformers
- Using the DataWeave Transform Message component
- Writing DataWeave expressions for basic and complex XML, JSON, and Java
- Using DataWeave with data sources that have associated metadata
- Adding custom metadata to data sources

### **Module 6: Refactoring Mule Applications**

- Separating applications into multiple configuration files
- Encapsulating global elements in a separate configuration file
- Creating and running multiple applications
- Creating and referencing flows and subflows
- Understanding variable persistence through subflows and flows and across transport barriers

### **Module 7: Handling Errors**

- Handling messaging exceptions in flows
- Creating and using global exception handlers
- Specifying a global default exception strategy

### **Module 8: Controlling Message Flow**

- Multicasting a message
- Routing message based on conditions
- Filtering messages
- Understanding and creating synchronous and asynchronous flows

### **Module 9: Processing Records**

- Processing items in a collection individually
- Understanding what batch jobs are and when to use them
- Creating batch jobs to process items in a CSV file or a database
- Restricting record processing to new records

### **Module 10: Building RESTful Interfaces with RAML and APIkit**

- Understanding the benefits of RESTful APIs and web services
- Using the API Designer to define APIs with RAML
- Implementing a RAML file as a RESTful web service with Anypoint Studio and APIkit

### **Module 11: Deploying Applications**

- Understanding the options for deploying applications
- Adding application properties
- Deploying and running applications in the cloud
- Deploying and running applications on-prem

### **Module 12: Transforming Data with DataWeave**

- Transforming Data with DataWeave with Mule 3.7
- Introduction DataWeave
- DataWeave data transforming use cases
- DataWeave integration with Anypoint Studio
- DWL ( DataWeave Expression Language )