

Anypoint Platform - COURSE CONTENT

Ch1: Introduction

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

Ch2: Building Integration Applications

- ☐ 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

Ch3: 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

Ch4: Connecting to Additional Resources

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

Ch5: Transforming Data

- ☐ Getting familiar with the different types of transformers
- ☐ Transforming objects to and/from XML and JSON
- ☐ Using Jackson annotations for more complicate JSON to object mappings
- ☐ Using JAXB annotations for more complicated XML to object mappings
- ☐ Streamlining complex data transformations with DataSense and the DataMapper
- ☐ Creating custom transformers with Java

Ch6: 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

Ch7: Controlling Message Flow

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

Ch8: Handling Errors

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

Ch9: 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

Ch10: Building RESTful Interface for APIs

- ☐ 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

Ch11: Deploying Applications

- ☐ Understanding the options for deploying applications
- ☐ Adding application properties
- ☐ Deploying and running applications on CloudHub
- ☐ Deploying and running applications on Mule ESB