



IND +91 7416561177
USA +1 347 732 1028
AUS +61 2 8005 6874
www.cognizanceit.com

MuleSoft

Total training duration

40 hrs

Getting Started with MuleSoft

→ Set up your computer

1. Install REST Client
2. Install Anypoint Studio(Demo)
3. Signup Anypoint platform

→ Introducing application networks and API-Led connections

1. Browse programmable Web API directory
2. Explore API reference for an API(vimeo)
3. Explore API portal
4. Use Advanced REST client to make calls
5. Use API console to make calls
6. Use mocking service

→ Introducing Anypoint platform

1. Browse Anypoint Exchange
2. Review REST API in Exchange
3. Create mule application
4. Create HTTP trigger
5. Create logger
6. Transform data

→ Designing APIs

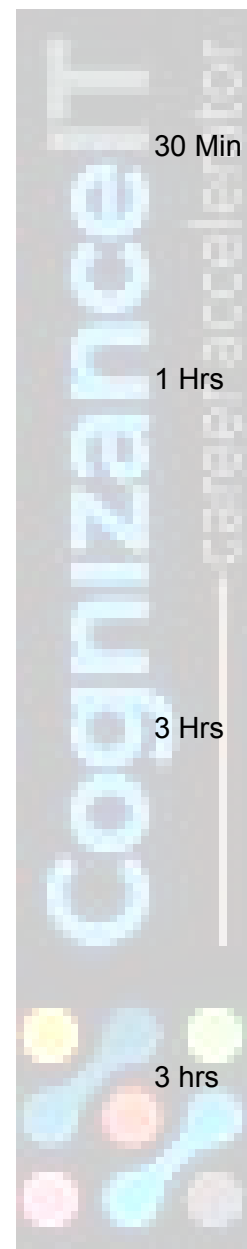
1. Define API with RAML
2. Define Resources and nested Resources
3. Query Parameters

30 Min

1 Hrs

3 Hrs

3 hrs





IND +91 7416561177
USA +1 347 732 1028
AUS +61 2 8005 6874
www.cognizanceit.com

4. Use API Fragments from Exchange
5. Use data types and define methods
6. Requests and Responses
7. Create and publish API to Exchange
8. Create and customize public API portal

→ Building APIs

1. Create mule project in studio
2. Add and configure database
3. Use Transform component
4. Use datawave visual mapper
5. Create RESTful API interface from RAML
6. Implement RESTful Web Service
7. Synchronize Studio and Anypoint platform

→ Deploying and managing APIs

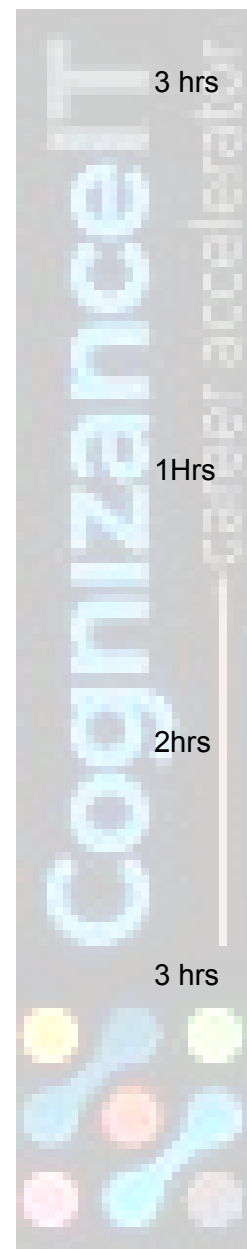
1. Deploy application to cloud hub
 2. Create and deploy API proxy
 3. Manage access using Policies and SLAs
- Anypoint platform Flow Design

→ Creating mule application

1. Create mule application
2. Access an API through exchange
3. Deploy application on cloud hub

→ Retrieving data

1. Process Query Parameters
2. Process URI parameters
3. Return input data to web client
4. Retrieve data from a REST API
5. Retrieve data from database





IND +91 7416561177
 USA +1 347 732 1028
 AUS +61 2 8005 6874
www.cognizanceit.com

6. Retrieve data from SOAP webservice

→ Transforming data visually

3 hrs

1. Convert various input data into common data type
2. Transform data using conditional expressions
3. Working with complex DataWave functions

→ Controlling event flow

1. Create endpoints for different data sets
2. Merging datasets

→ Handling errors

1. Handling errors

→ Transferring data to other systems

1. Transfer data to Salesforce's database
2. Transfer data to RESTful API
3. Transfer data to FTP server

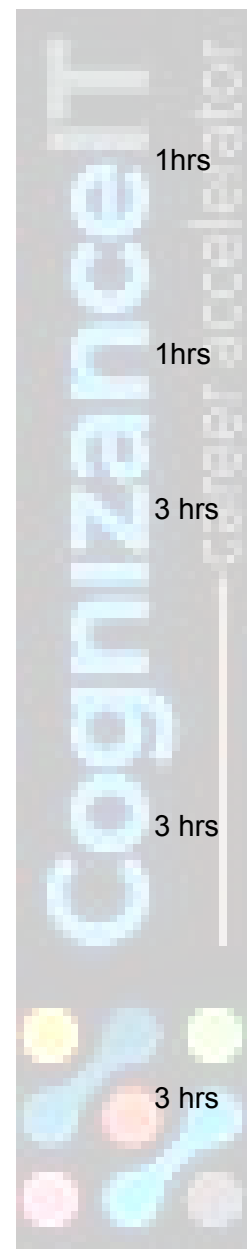
[Anypoint platform Development](#)

→ Accessing and modifying mule events

1. View event data
2. Debug a Mule application
3. Track event data in Mule application
4. Get and Set event data using DataWeave

→ Structuring mule applications

1. Create subflows and private flows
2. Pass events using VM connector





IND +91 7416561177
USA +1 347 732 1028
AUS +61 2 8005 6874
www.cognizanceit.com

3. Encapsulate global elements
4. Manage metadata

→ Consuming web services

3 hrs

1. Consume RESTful web service
2. Consume SOAP web service
3. Transform data from multiple services to a single format

→ Triggering flows

3 hrs

1. Trigger a flow when new file is added
2. Trigger a flow when new record is added
3. Schedule a flow and use manual watermarking
4. Publish and listen for JMS messages

→ Processing records

3 hrs

1. Processes items in a collection
2. Process Records using Batch job scope
3. Use filtering and aggregation

