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What will we cover in Training?

Module	Topic	What will we cover?	Date
Module 1	Integration & REST/HTTP Basics for Beginners & Salesforce	Integration, P2P, REST APIs, MuleSoft, Anypoint Platform	1st Nov 2025
Module 2	API Design with RAML for Beginners & Salesforce Developers	API Design with RAML, Publishing APIs to Exchange, Resources	2nd Nov 2025
Module 3	Anypoint Studio & Mule Basics for Beginners & Salesforce	API Implementation and Deploying API to CloudHub	8th Nov 2025
Module 4	Core Components, DataWeave & Error Handling Essentials	Dataweave, Error Handling, Core Components	9th Nov 2025
Module 5	Flow Control & Batch Processing for Scalable Integrations	Batch Processing, For Each, Parallel For Each	15th Nov 2025
Module 6	HTTP Connector – Listener, Requestor & Payload Handling	HTTP Connector, OAuth Module	16th Nov 2025
Module 7	Database Connector for CRUD Operations	Database connector to perform query and call store procedure	22nd Nov 2025

What will we cover in Training?

Module	Topic	What will we cover?	Date
Module 8	Salesforce Connector for Seamless CRM Integration	Deep Dive into Salesforce Connector	23rd Nov 2025
Module 9	Hosting Options & Deploying Applications to CloudHub	ClodHub 1.0 and CloudHub 2.0	6th Dec 2025
Module 10	Managing & Securing APIs with API Manager & API Gateway	API Security, API Policies	7th Dec 2025
Module 11	MuleSoft Demo Project	Database and Salesforce related project	13th Dec 2025

What have we learned on Day 1?

- What is Point-To-Point Integration?
- What is Integration?
- What is REST APIs?
- What is MuleSoft and Anypoint Platform?
- Walkthrough of Anypoint Platform.
- Understanding the API Lifecycle Management.
- Design the RAML to create and fetch Account and Contacts from Salesforce.
- Published API to Anypoint Exchange.

What have we learned on Day 2?

- What is RAML?
- Reusability of RAML using Traits, Library, Security Schemes.
- OAS (Open API Specification)
- API Governance
- Overview of Anypoint Studio
- Start with API Implementation.

What have we learned on Day 3?

- What Are Connectors
- Salesforce Connector
- Implementing Salesforce System API
- Implementing Properties and Secure Properties
- Deploying MuleSoft Application to CloudHub

What will we learn on Day 3?

- Understanding API Manager and API Gateway
- Creating API Proxy
- Implementing API Auto-Discovery
- Applying Basic Authentication Policy
- Applying Client ID Enforcement Policy

API Manager

API Manager is a tool in MuleSoft used to manage, secure, and monitor your APIs. It helps control who can access your APIs and how they are used.

API Gateway is the runtime part that enforces the rules set in API Manager — such as security, rate limits, and policies — whenever someone calls your API.

Key Capabilities:
- Secure APIs with authentication and policies
- Control access using Client ID or Basic Auth
- Apply rate limiting and throttling
- Monitor API usage and performance
- Manage API versions and lifecycles
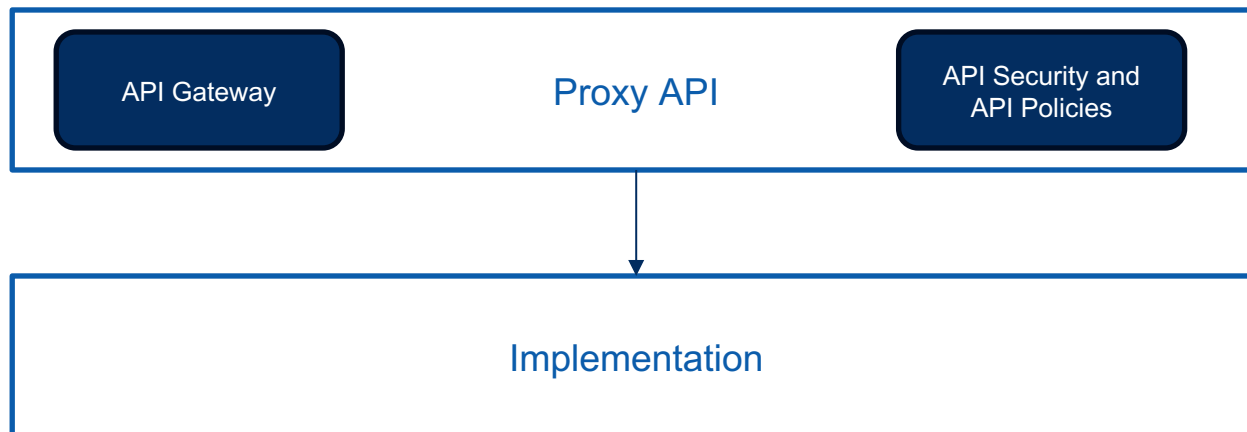- Enforce policies without changing the API code

API Proxy

An API Proxy is like a gatekeeper for your API.

It acts as a front layer between the external users and your actual MuleSoft API implementation.

It forwards requests to your backend API while applying policies such as security, rate limiting, or logging — without changing the real API code.

In short: API Proxy = A managed, secure entry point for your API.

API Autodiscovery

API Auto-Discovery is a link between your deployed Mule application and the API Manager in Anypoint Platform.

It allows MuleSoft to automatically discover and manage the deployed API from API Manager — enabling policies, analytics, and tracking.

In short: API Auto-Discovery = A way for API Manager to recognize and control your deployed API.

API Proxy V/S API Autodiscovery

Feature	API Proxy	API Auto-Discovery
Purpose	Acts as a gateway layer in front of the real API	Links a deployed Mule app to API Manager
Location	Runs separately from the actual API	Configured inside the Mule application
Usage	Used when API is hosted outside MuleSoft	Used when API is developed and deployed in MuleSoft
Control	Policies applied at the proxy level	Policies applied directly to the API runtime
Deployment	Created in API Manager as a proxy	Configured in Mule app using API ID and autodiscovery element

When to use API Proxy

Use an API Proxy when your actual API is not built or hosted in MuleSoft, but you still want to manage it through API Manager.

✅ Typical use cases:

- The backend API is running outside MuleSoft (e.g., Java, Node.js, .NET, etc.).
- You want to secure or monitor that external API using MuleSoft policies.
- You need a layer of control (throttling, logging, authentication) in front of an existing service.

🧩 Example: You already have a REST API hosted on AWS, and you create a MuleSoft proxy to manage access and apply security policies.

When to use API Auto-discovery

When to Use API Proxy

Use API Auto-Discovery when your API is developed and deployed in MuleSoft (for example, built in Anypoint Studio).

✅ Typical use cases:

- The API is a Mule application running on CloudHub or Runtime Fabric.

- You want API Manager to automatically detect and manage it.

- You plan to apply policies (like Client ID enforcement) directly to the deployed API.

🧩 Example: You built a Mule app that exposes a Salesforce System API and deploy it to CloudHub — you use Auto-Discovery to register and secure it in API Manager.

In short:

API Proxy → Manage external APIs

API Auto-Discovery → Manage MuleSoft-built APIs