

## **To design, build, and deploy APIs on Edge**

To provide the tools and knowledge needed to rapidly implement API program functionality and leverage API BaaS in your Edge deployment. This course focuses on code to extend the capabilities of your APIs to meet complex implementation requirements, including best practices, configuration details, API proxy design patterns, and practical use cases.

### **Course curriculum**

#### **Day one**

##### **Overview of Edge Architecture**

##### **Proxy Development**

- Advanced Proxy Configurations
- Extend with Programming
- Analytics
- Caching and Data storage
- Fault Handling
- Mediation

#### **Day two**

##### **API Security**

- Protection against content-based attacks
- Authentication, authorization and identity
- Traffic Management
- Other security considerations

##### **Components of the API Lifecycle**

- Offline development and deployment
- API Documentation

#### **Day 3:**

##### **Node.js**

- Designing and building a RESTful Node.js API
- Deploying and maintaining a Node.js app in Edge
- Volos: caching, quota, OAuth and DB connectors

## **Apigee-127**

- Building API Specs / Docs
- Creating Controllers
- API Management and deploying to

### **Day 4:**

#### **API BaaS**

- Environments and Security
- API Backend Storage
- UI Web Portal
- Geolocation, Push Notifications, SDKS
- Integration