Building Solutions with Apigee X Training

Duration: **1 Day**

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In this course you will go through the Apigee journey as a product lead for a new application. You will take roles on the development and security teams.

You will take an API originally designed for an on-premises legacy application use and modernize it for the cloud using Apigee X. You will follow Google Cloud best practices alongside Apigee X to design a secure, scalable and resilient platform for your company's needs.

Prerequisites

Participants should have:

- Completion of the Developing APIs with Google Cloud's Apigee API Platform course, or equivalent experience working with Google Cloud and Apigee
- Familiarity with API development concepts and cloud-based services
- Basic understanding of security principles such as authentication and encryption

Target audience

This course is designed for:

- Cloud developers responsible for designing and implementing APIs in Google Cloud environments
- Developers working with Apigee who want to modernise legacy applications using cloud-native practices
- Technical professionals involved in API development, integration, and security

What You Will Learn

By the end of this course, learners will be able to:

- Secure the backend of your legacy application using mutual TLS
- Design applications with an API first design using the OpenAPI specification
- Integrate your API proxy with the Cloud Data Loss Prevention (DLP) API
- Best practices for site reliability with Apigee using monitoring and logging
- Modernize application deployment using Cloud Run and Cloud Build
- Authentication using API Keys and Firebase Authentication with Apigee
- Harden APIs using Apigee Policies and Cloud Armor
- Mitigate external threats with reCAPTCHA Enterprise
- Leverage Apigee Analytics to show custom data capture and reporting
- Leverage Cloud Code in your development environment to locally emulate Apigee
- Use Apigee Integration to improve connectivity with other services in Google Cloud