

# Managing Google Cloud's Apigee API Platform for Hybrid Cloud (T-APIHYB-B)

ID GO-T-APIHYB-B Duración 3 días

## Quién debería asistir

Cloud Architect, Cloud Engineer

- place in the enterprise architecture
- Familiarize with Google Cloud, Kubernetes and Anthos concepts
- Discuss REST fundamentals

## Prerrequisitos

- Familiarity with Linux command and command line interface.
- Basic understanding of Google Cloud.
- Basic understanding of Anthos and GKE.
- Basic understanding of networking.
- Basic understanding of shell script, XML, JSON, HTTP, REST, and TLS.

## Objetivos del curso

- Identify the purpose and value of Apigee API Platform.
- Gain detailed understanding of Apigee API Platform architecture and recommended practices for topology design.
- Gain detailed understanding of Apigee terminology and logical organizational structures.
- Interact with Apigee API Platform and solve scenarios by leveraging recommended practices.
- Understand capabilities and practices to secure, manage and scale the platform.
- Understand and put in practice installation and upgrade processes.

## Contenido del curso

Learn how to install and manage Google Cloud's Apigee API Platform in a hybrid cloud. This course uses lectures, hands-on labs, and supplemental resources to show you how to design, install, manage, and scale your Apigee API Platform.

## Esquema Detallado del Curso

Module 01: Fundamentals

- Familiarize with Apigee product capabilities and its

Module 02: Architecture

- Discuss Apigee hybrid architecture
- Gain understanding of Apigee technology stack
- Discuss Apigee terminology and organizational structure
- Familiarize with Apigee API

Module 03: Installation and Platform Operation

- Discuss installation process
- Discuss installation prerequisites
- Gain detail understanding of and practice installation process
- Gain understanding common operational capabilities and practices
- Discuss backup and restore strategy

Module 04: Deployment and Environment Management

- Familiarize with API proxy concept and deployment process
- Familiarize with API tracing and debugging
- Discuss Developer Portal solutions
- Gain understanding of and practice capabilities available for environment management

Module 05: Security

- Discuss infrastructure security
- Discuss data storage and encryption
- Discuss hybrid access management capabilities and RBAC

Module 06: Capacity Planning and Scaling

- Discuss capacity planning considerations
- Gain understanding of and practice capabilities to scale up/down runtime components

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### Module 07: Upgrade

- Familiarize with upgrade process
- Discuss rollback process

### Module 08: Logging and Monitoring

- Familiarize with logging capabilities
- Understand metrics generated and captured by the system
- Discuss Apigee analytics
- Discuss monitoring and troubleshooting techniques
- Familiarize with Apigee support process

## Centros de Entrenamiento Mundial

