

Managing Google Cloud's Apigee API Platform for Hybrid Cloud

Module 01: Fundamentals

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

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

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