

Course : Managing Google Cloud's Apigee API Platform for Hybrid Cloud

Managing Google Cloud's Apigee API platform for the hybrid cloud

Practical course - 3d - 21h00 - Ref. MPG

Price : 2890 € E.T.

In this course, you'll learn the fundamentals and advanced practices for installing and managing Google Cloud's Apigee application programming interface (API) platform for the hybrid cloud. Through hands-on exercises, you'll learn how to design, install, secure, manage and evolve the Apigee API platform.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Identify the purpose, value and key uses of the Apigee API Platform
- ✓ Understand the architecture and recommended topology of the Apigee platform
- ✓ Assimilate Apigee terminology and logical organizational structures
- ✓ Interact with Apigee to solve scenarios by applying good design, security and management practices
- ✓ Understand and implement platform installation, upgrade and evolution processes

Intended audience

Cloud architects, cloud engineers and operations specialists.

Prerequisites

Basic knowledge of Linux, Google Cloud, GKE, networking and shell scripting, XML, JSON, HTTP, REST and TLS.

Certification

Official course without certification.

Practical details

Teaching methods

Training in French. Official course material in English.

PARTICIPANTS

Cloud architects, cloud engineers and operations specialists.

PREREQUISITES

Basic knowledge of Linux, Google Cloud, GKE, networking and shell scripting, XML, JSON, HTTP, REST and TLS.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

Course schedule

1 Fundamentals

- Apigee product features and their place in enterprise architecture.
- Google Cloud, Kubernetes and Anthos concepts.
- The fundamental principles of REST.

2 Architecture

- The Apigee hybrid architecture.
- The Apigee technology stack.
- Apigee's terminology and organizational structure.
- Familiarize yourself with the Apigee application programming interface (API).

3 Installation and operation of the platform

- The installation process.
- Installation prerequisites.
- Post-installation tasks and recommended recurring activities for the platform.
- Shared operational capabilities and practices.
- Backup and restore strategy.

4 Deployment and environment management

- The API proxy concept and deployment process.
- Tracing and debugging application programming interfaces (APIs).
- Developer portal solutions.
- Capacities available for environmental management.

5 Security

- Infrastructure safety.
- Data storage and encryption.
- Hybrid access management and role-based access control (RBAC) capabilities.

6 Capacity planning and scaling

- Capacity planning considerations.
- Scale up/down capabilities of runtime components.

7 Upgrade

- The upgrade process.
- The backtracking process.

8 Logging and monitoring

- Logging capabilities.
- Metrics generated and captured by the system.
- Apigee analyses.
- Monitoring and troubleshooting techniques.
- The Apigee support process.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

Dates and locations

REMOTE CLASS

2026: 30 June, 3 Nov.

PARIS LA DÉFENSE

2026: 30 June, 3 Nov.