

Course : Building Solutions with Apigee X

Official Course: Preparation for Google Cloud Certifications

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

Price : 2890 € E.T.

NEW

In this training course, you'll learn how to modernize an existing API for the cloud using Apigee X, applying Google Cloud best practices to design a secure, scalable, and resilient platform.

Teaching objectives

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

- ✓ Secure APIs with authentication, encryption, and threat protection.
- ✓ Design APIs using an API-first approach with OpenAPI.
- ✓ Integrate Google Cloud services to enhance functionality.
- ✓ Modernize deployment with cloud-native tools.
- ✓ Monitor and optimize performance using monitoring and analytics.

Intended audience

Data engineers, data analysts, and data architects who want to design streaming solutions on Google Cloud.

Prerequisites

Have completed the "Developing APIs with Google Cloud Apigee API Platform" training course or have equivalent experience with Google Cloud and Apigee. Good understanding of written English.

Practical details

Teaching methods

The training session will be conducted in French. Official course materials are available in English and in digital format.

Course schedule

PARTICIPANTS

Data engineers, data analysts, and data architects who want to design streaming solutions on Google Cloud.

PREREQUISITES

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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.

1 API Architecture and Design

- API-first approach.
- OpenAPI Specification.
- API Design.
- Best design practices.

2 API Security

- Authentication and Access Management.
- Encryption and mutual TLS.
- Protection against external threats.
- Security with Apigee.

3 Integration and Modernization

- Integration with Google Cloud services.
- Using DLP for Data Protection.
- Inter-service connectivity.
- Modernization of existing applications.

4 Deployment and Operations

- Deployment with Cloud Run and Cloud Build.
- Supervision with monitoring and logging.
- Performance analysis using analytics.
- Best practices for reliability and scalability.

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.

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Dates and locations

REMOTE CLASS

2026 : 16 Dec.

2027 : 10 Feb., 12 May, 5 July, 13 Oct.

PARIS LA DÉFENSE

2026 : 9 Dec.

2027 : 10 Feb., 12 May, 5 July, 13 Oct.