

Course : Technical Foundations of FinOps on Google Cloud

Official Course: Preparation for Google Cloud Certifications

Practical course - 2d - 14h00 - Ref. GFF

Price : 1590 € E.T.

NEW

Through this training, you will master the technical fundamentals of FinOps to optimize your cloud spending and create business value by acquiring the tools, technologies, and strategies necessary for effective cloud financial management.

Teaching objectives

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

- ✓ Understand the fundamentals of FinOps and the connection between IT and finance.
- ✓ Identify opportunities for optimization and reduce cloud costs.
- ✓ Track, analyze, and forecast expenses using data.
- ✓ Establish a clear cost allocation system by team or project.
- ✓ Automate and govern cost management using FinOps tools and best practices.

Intended audience

Cloud Architects, Engineers, Technical Professionals.

Prerequisites

A solid foundation in Google Cloud infrastructure, equivalent to the “Google Cloud Fundamentals: Core Infrastructure” level. A 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

Cloud Architects, Engineers, Technical Professionals.

PREREQUISITES

A solid foundation in Google Cloud infrastructure, equivalent to the “Google Cloud Fundamentals: Core Infrastructure” level. A good understanding of written English.

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 FinOps Fundamentals on Google Cloud

- Principles and Objectives of FinOps.
- Challenges in Cloud Financial Governance.
- FinOps Operational Model.
- Phases and Pillars of FinOps.

2 Cloud Cost Analysis and Monitoring

- Accounts and billing information.
- Dashboards and Reporting.
- Export data to BigQuery.
- Cost Visualization (Looker Studio).
- Combining elements to enhance the analysis.

3 Structuring and Managing Expenditures

- Resource labeling (labels, tags).
- Cost allocation and tracking.
- Setting up budgets and alerts.
- Automation (gcloud, Terraform).

4 Optimization

- Cost Optimization for BigQuery, Compute, and GKE.
- Reducing waste of resources.
- Best practices for continuous optimization.
- Establishing a FinOps culture.

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 : 30 Nov.

2027 : 18 Mar., 10 June, 23 Sep., 2 Dec.

PARIS LA DÉFENSE

2027 : 18 Mar., 10 June, 23 Sep., 2 Dec.