

Getting Started with FinOps on Google Cloud

This course is an interactive learning experience designed to provide an actionable set of steps to help your organizations implement a Cloud Financial Management strategy to maximize your cloud investment with Google Cloud. In this class you will walk through the five pillars of Google Cloud FinOps and understand how your organization can work to implement these pillars in their own FinOps approach.

**DURATION**

1 day

**LEVEL**

100 - Introductory

**FORMAT**

Instructor-led

What you'll learn

- Address financial governance challenges with Cloud FinOps.
- Understand the five pillars of the Google Cloud FinOps operating model.
- Establish cloud FinOps policies and enablement for your organization.
- Drive financial accountability and value realization with defined success metrics.
- Understand how to optimize costs of your utilized Google Cloud resources.
- Modernize budgeting and forecasting methods.
- Leverage costing tools to effectively manage and track Google Cloud spend.

Overview	6 modules · 6 classroom activities
Who this course is for	• Customers
Products	• Google Cloud Observability
Prerequisites	• Basic knowledge of cloud computing and Google Cloud technologies as discussed in the "Cloud Digital Leader" course.

Module 01 [Introduction to FinOps on Google Cloud](#)

Topics	• Financial governance challenges • Cloud FinOps industry trends • Google Cloud FinOps framework
Objectives	• Describe financial governance challenges for cloud resources. • Describe industry trends in Cloud FinOps. • Understand the Google Cloud FinOps framework.

Module 02 [Accountability and Enablement](#)

Topics	• Cloud FinOps operating model • Roles and responsibilities • Governance and policies • Incentivization
Objectives	• Create a Cloud FinOps operating model. • Define roles and responsibilities within a Cloud FinOps team. • Establish governance and policies. • Enable your organization through incentivization.
Activities	• Discussion: Establishing a Cloud FinOps operating model

Module 03

Measurement and Realization

Topics	• Benefits of measurement and realization • KPIs and value metrics • Value vs. cost • Transparency through reporting and accountability
Objectives	• Establish KPIs and value metrics. • Understand value vs. cost. • Establish transparency through reporting and accountability.
Activities	• Discussion: Value vs. cost • Discussion: Transparency through reporting and accountability

Module 04

Cost Optimization

Topics	• Google Cloud cost optimization approach • Resource utilization • Golden signals • Resource, price, and architecture optimization • Optimizing resource utilization
Objectives	• Understand Google Cloud cost optimization approach. • Implement visibility into resource utilization via tagging. • Understand the golden signals. • Describe resource, price, and architecture optimization. • Optimize resource utilization.
Activities	• Discussion: Understanding the golden signals • Discussion: Resource, pricing, and architectural optimization

Module 05

Planning and Forecasting

Topics

- Budgeting and allocation
- Forecasting spend
- Reporting and integration
- Google Cloud billing model

Objectives

- Understand budgeting and allocation.
- Forecast spend on cloud resources.
- Implement reporting and integration.
- Understand the Google Cloud billing model.

Activities

- Discussion: Budgeting, allocating, and forecasting
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Module 06

Tools and Accelerators

Topics

- Budgets and alerts on Google Cloud
- Tagging automation and resource management
- Cost management tools within Google Cloud
- Cloud Cost Reporting

Objectives

- Configure budgets and automated threshold alerts within Google Cloud
- Implement labeling and tagging automation to enforce resource allocation tracking
- Evaluate cloud expenditure using native Google Cloud cost management tools
- Analyze financial consumption via Cloud Cost Reporting dashboards