

# Google Cloud Architect for Azure Professional

## Course Overview

In this learning path, you will apply the knowledge of concepts and technologies in Azure to see how they differ from Google Cloud. Learners will get hands-on practice building and managing Google Cloud resources.

**Duration:** 5 days / 40 hours

**Level:** Professional

**Prerequisites:** There is of prerequisite of **Microsoft Certified Azure Administrator Associate** or equivalent knowledge of Azure.

**Course Outcome:** Learner can take **Google Cloud Certified Professional Cloud Architect** exam

## Table of Content

### Google Cloud IAM and Networking for Azure Professionals

- Resources and Access Management in Google Cloud
- Networking in Google Cloud

### Logging and Monitoring in Google Cloud

- Introduction to Google Cloud Operations Suite
- Monitoring Critical Systems
- Alerting Policies
- Advanced Logging and Analysis
- Working with Audit Logs

### Observability in Google Cloud

- Configuring Google Cloud Services for Observability
- Monitoring Google Cloud Network
- Investigating Application Performance Issues
- Optimizing the Costs for Google Cloud Observability

### Reliable Google Cloud Infrastructure: Design and Process

- Defining Services
- Microservice Design and Architecture
- DevOps Automation
- Choosing Storage Solutions
- Google Cloud and Hybrid Network Architecture

- Deploying Applications to Google Cloud
- Designing Reliable Systems
- Security
- Maintenance and Monitoring