

# Google Cloud Architect for AWS Professional

## **Course Overview**

In this learning path, you will apply the knowledge of concepts and technologies in AWS 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 **AWS Certified Solutions Architect** or equivalent knowledge of AWS.

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

## **Table of Content**

### **Google Cloud IAM and Networking for AWS 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