

# Google Cloud Anthos Architect

## **Course Overview**

A Hybrid and Multi-Cloud Architect manages container-based applications across multiple clouds, or between on-premises and cloud environments. This learning path guides you through a curated collection of concepts and labs that provide you with real-world, hands-on experience using Google Cloud technologies essential to the Cloud Anthos Architect role.

**Duration:** 5 days / 40 hours

**Level:** Professional

**Prerequisites:** There is a prerequisite for this learning path. Learner should have completed **Google Cloud Fundamentals: Core Infrastructure and Architecting with Google Kubernetes Engine: Foundations, Workloads & Production**.

**Course Outcome:** Learner will be prepared to work as Anthos Architect on Google Cloud Platform

## **Table of Content**

### **Hybrid Cloud Infrastructure Foundations with Anthos**

- Anthos Overview
- Managing Hybrid Clusters using Kubernetes Engine
- Introduction to Service Mesh

### **Multi-Cluster, Multi-Cloud with Anthos**

- Anthos Environments
- Fleet Networking
- Managing Configuration with Anthos

### **Cloud Operations and Service Mesh with Anthos**

- Introducing Anthos Service Mesh
- Managing Traffic Flow with Anthos Service Mesh
- Securing Network Traffic with Anthos Service Mesh
- Multi-Cluster Networking with Anthos Service Mesh

### **Anthos on Bare Metal**

- Introduction to Anthos Clusters on Bare Metal
- Planning and Building the Admin Cluster
- Adding and Configuring User Clusters
- Operating and Managing Clusters

## **Hybrid Cloud Modernizing Applications with Anthos**

- Introduction
- Modern CI/CD for Anthos
- Serverless on Anthos