

# Architecting Hybrid Cloud Infrastructure with Anthos

**Duration:** 16.00 hours (2 days)

**13.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This two-day instructor-led course prepares students to modernize, manage, and observe their applications using Kubernetes whether the application is deployed on-premises or on Google Cloud Platform (GCP). Through presentations, and hands-on labs, participants explore and deploy using Kubernetes Engine (GKE), GKE Connect, Istio service mesh and Anthos Config Management capabilities that enable operators to work with modern applications even when split among multiple clusters hosted by multiple providers, or on-premises.

## About This Course

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# Who Should Attend

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This class is primarily intended for the following participants:

Technical employees using GCP, including customer companies, partners and system integrators deployment engineers, cloud architects, cloud administrators, system engineers , and SysOps/DevOps engineers.

Individuals using GCP to create, integrate, or modernize solutions using secure, scalable microservices architectures in hybrid environments.

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

Connect and manage Anthos GKE clusters from GCP Console whether clusters are part of Anthos on Google Cloud or Anthos deployed on VMware.

Understand how service mesh proxies are installed, configured and managed.

Configure centralized logging, monitoring, tracing, and service visualizations wherever the Anthos GKE clusters are hosted.

Understand and configure fine-grained traffic management.

Use service mesh security features for service-service authentication, user authentication, and policy-based service authorization.

Install a multi-service application spanning multiple clusters in a hybrid environment. Understand how services communicate across clusters.

Migrate services between clusters.

Install Anthos Config Management, use it to enforce policies, and explain how it can be used across multiple clusters.

## Additional Course Details

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Nexus Humans Architecting Hybrid Cloud Infrastructure with Anthos training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Architecting Hybrid Cloud Infrastructure with Anthos course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Architecting Hybrid Cloud Infrastructure with Anthos?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 2-day Architecting Hybrid Cloud Infrastructure with Anthos course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Architecting Hybrid Cloud Infrastructure with Anthos training?**

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Architecting Hybrid Cloud Infrastructure with Anthos?**

Yes, we provide corporate training, dedicated training, and closed classes for Architecting Hybrid Cloud Infrastructure with Anthos. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Architecting Hybrid Cloud Infrastructure with Anthos?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024


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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Architecting Hybrid Cloud Infrastructure with Anthos training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

## Nexus Human

### Professional Training & Development

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