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# Anthos training: Hybrid cloud

3 days (21 hours)

## Presentation

[Anthos](#) is a hybrid and multicloud cloud platform, enabling the creation and management of modern hybrid applications on on-premises infrastructures or in the public cloud. Based on open source technologies developed by Google, such as Kubernetes, Istio and Knative, Anthos guarantees consistency between cloud and on-premises environments. Anthos helps accelerate application development and enables your organization to make strategic use of transformational technologies such as service meshing, containers and microservices. In this training course, you'll discover all the new features and the latest version of Anthos, enabling you to build a cloud architecture with a high level of abstraction. As always, we'll be teaching you the latest version of the tool: [Anthos 1.7](#).

## Objectives

- Transform your existing applications for high availability
- Migrate and modernize your infrastructure
- Automate rules and security on a grand scale

## Target audience

- Architects, Developers, System Administrators

## Prerequisites

- Knowledge of market cloud infrastructures
- Proficiency in DevOps tools such as Kubernetes, Docker, etc.

## Anthos training program: Multicloud by Google

## Application-related operations

- Compile, test and deploy continuously
- Run stateless HTTP containers in a fully managed environment or in your own GKE cluster.
- Marketplace
- API management
- API management

## Network and security operations

- Configuration and rules management
- Identity management
- Secure software supply chain
- Zero-trust network security
- Secure shared architecture

## Platform operations

- Kubernetes Service Management
- Centralized management
- Network
- Storage space management
- Migration
- Surveillance / Monitoring

## Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.