



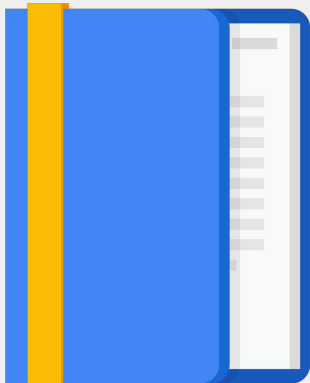
Architecting Hybrid Infrastructure with Anthos



Architecting Hybrid Infrastructure with Anthos

Anthos Overview

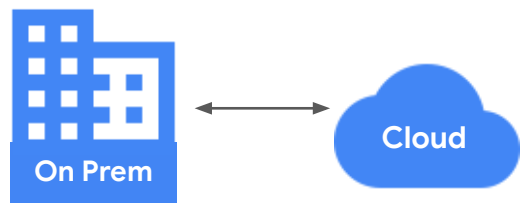
Agenda



- **Hybrid Cloud Overview**
- Modern Solutions
- Anthos Technology Stack

Hybrid Cloud Overview

- Companies would like to adopt the cloud in their own pace, alongside their on premise.
- The hybrid environment empowers companies to pick and choose the best of both worlds, and create bespoke infrastructure



Hybrid environment wishlist

Write once,
deploy in any
cloud

Accelerate
developer
velocity

Consistency
across
environments

Interoperability
with legacy
workloads

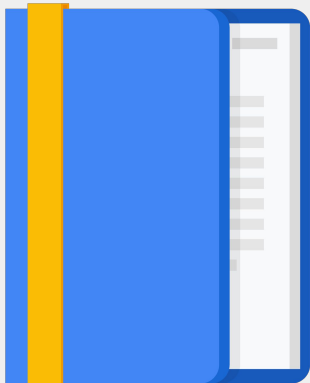
Increased
observability
and SLO

Decoupling
across critical
components

Increased
workload
mobility

Avoid vendor
lock in

Agenda



- Hybrid Cloud Overview
- **Modern Solutions**
- Anthos Technology Stack

Compute



Google Kubernetes Engine

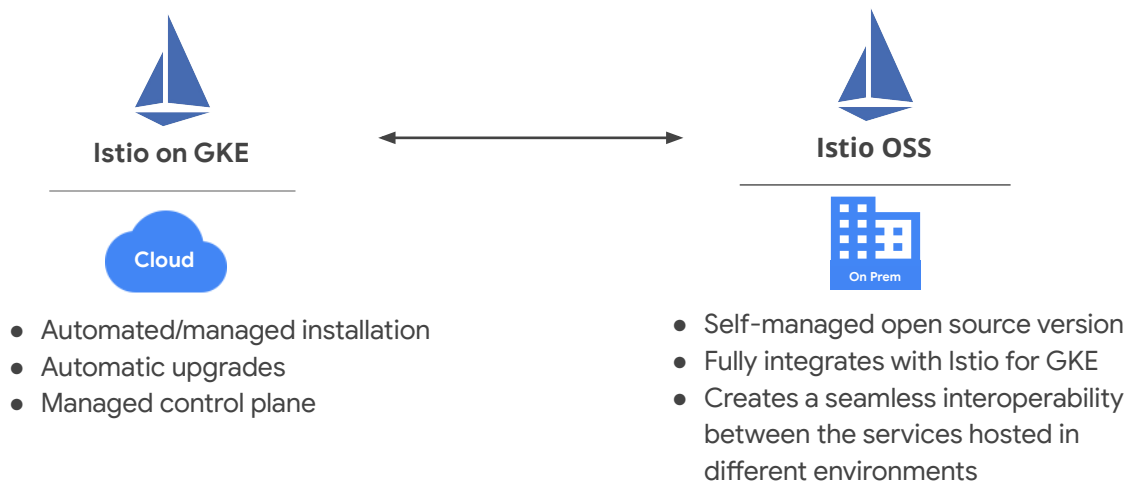
- Managed, production-ready environment for deploying containerized applications
- Operate Seamlessly with High Availability and SLA
- Runs Certified Kubernetes ensuring portability across clouds and on-premises.
- Auto node repair, auto upgrade, auto scaling
- Regional clusters for high availability with multiple masters, node storage replication across 3 zones



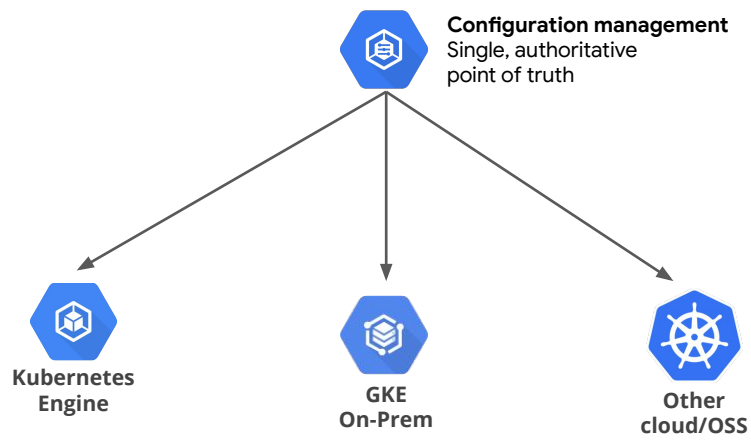
GKE On-Prem

- Turn-key, production-grade, conformant Kubernetes with best-practice configuration
- Easy upgrade path to the latest Kubernetes releases that have been validated and tested by Google
- Access to Container services on GCP such as Cloud Build, Container Registry, Audit Logging, and more.
- Integration with Istio, Knative, Marketplace Solutions
- Consistent Kubernetes versions and experience across environments

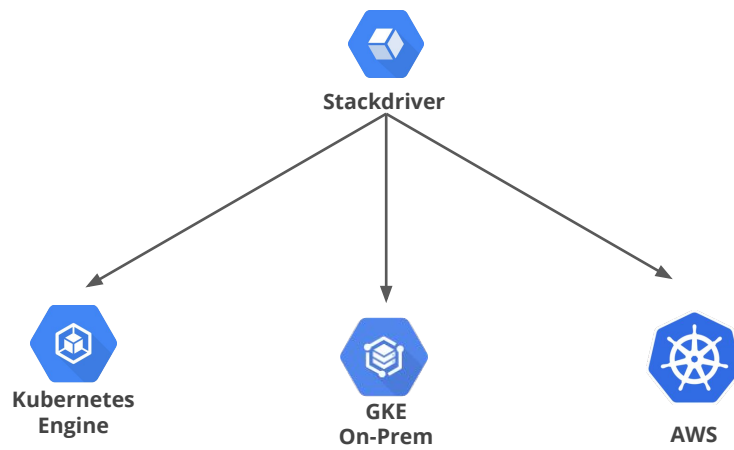
Service Management



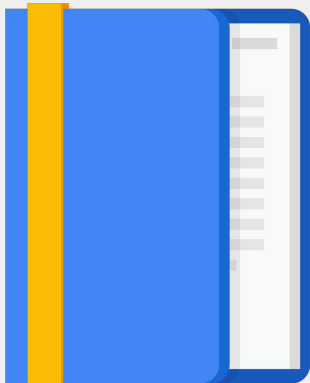
Multicluster Management



Observability



Agenda



- Hybrid Cloud Overview
- Modern Solutions
- **Anthos Technology Stack**



Anthos

Anthos is a modern application management platform that provides a unified model for computing, networking, and even service management across clouds and data centers.



Kubernetes
Engine



GKE
On-Prem



Anthos Config
Management



Istio



Migrate
for Anthos

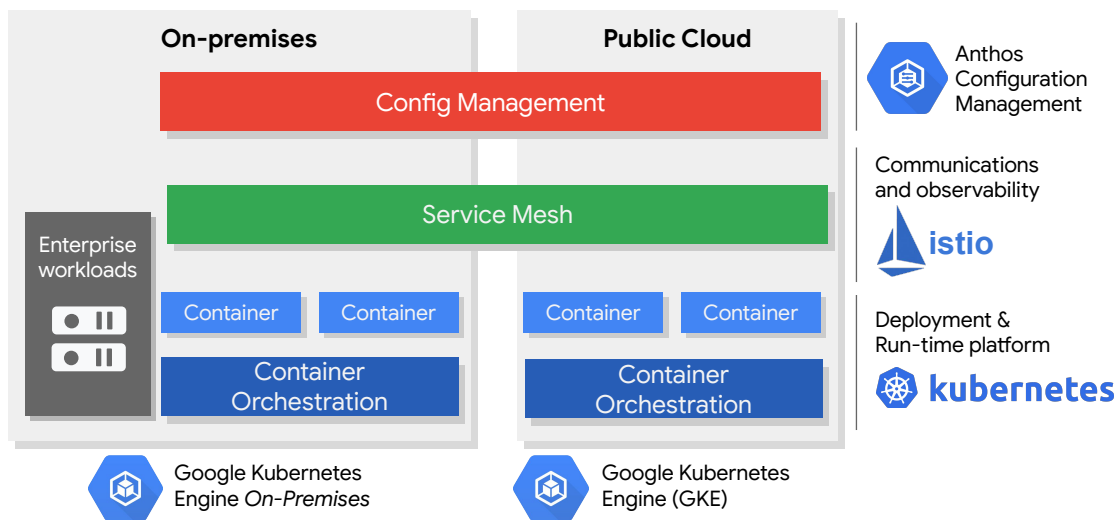


Marketplace

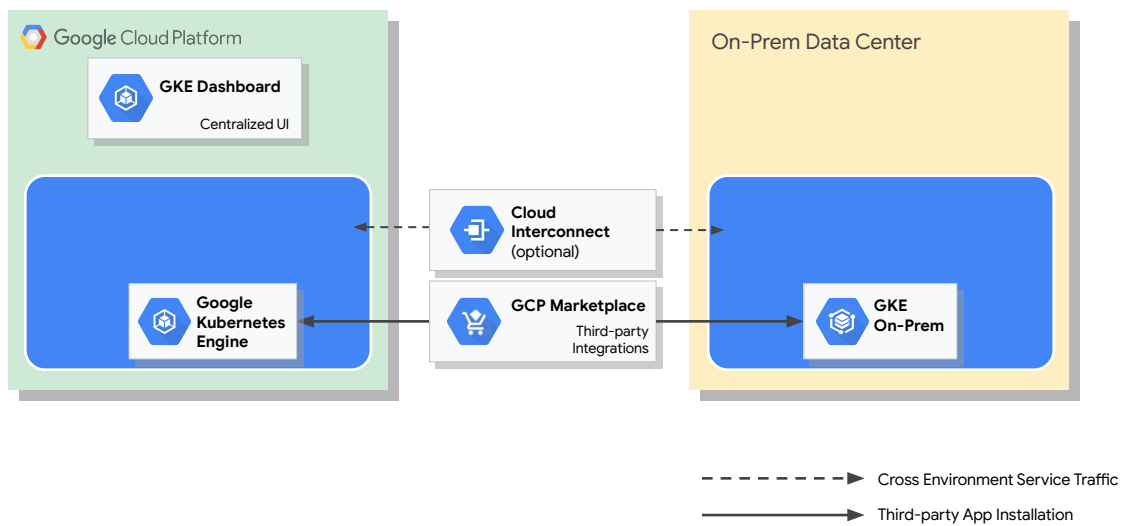
The technology stack is built on consistent set of APIs based on open-source technologies which empowers developers and operators with a single methodology that applies to on premise, GCP and other cloud providers

Anthos Benefits

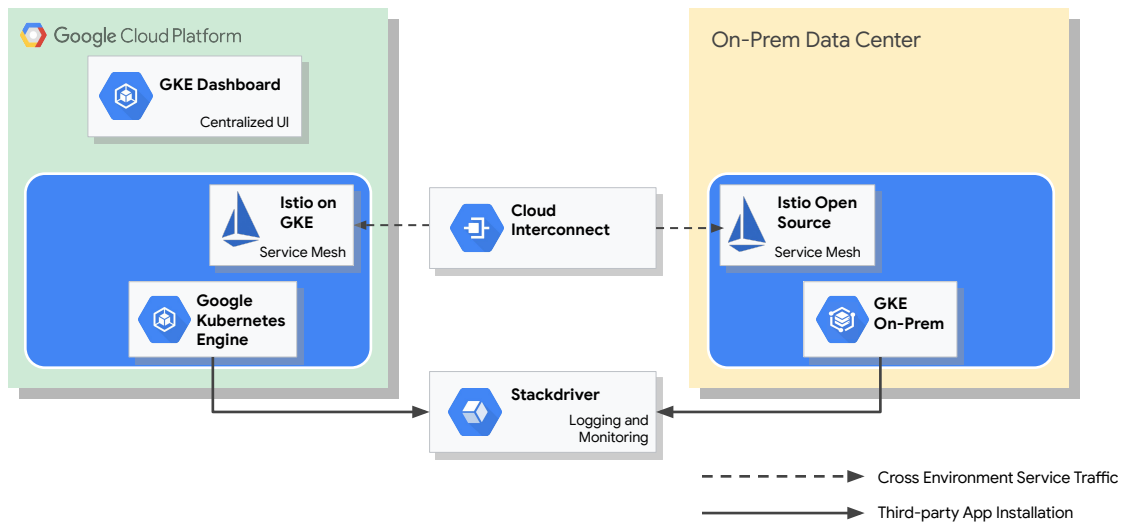
- A technology stack that runs in data centers, next to enterprise workloads companies currently run on premise
- A single application model that empowers developers and operators to adopt modern methodologies and promotes agility and productivity.
- A central control plane based on a service centric view, powered by automation and security at scale



Anthos in more detail



Anthos in more detail



Anthos in more detail

