

Google Cloud Platform Fundamentals

INTRODUCING GOOGLE CLOUD PLATFORM



This Module



The Cloud and Google Cloud Platform (GCP)

How is GCP different?

Getting started

Google Cloud Platform

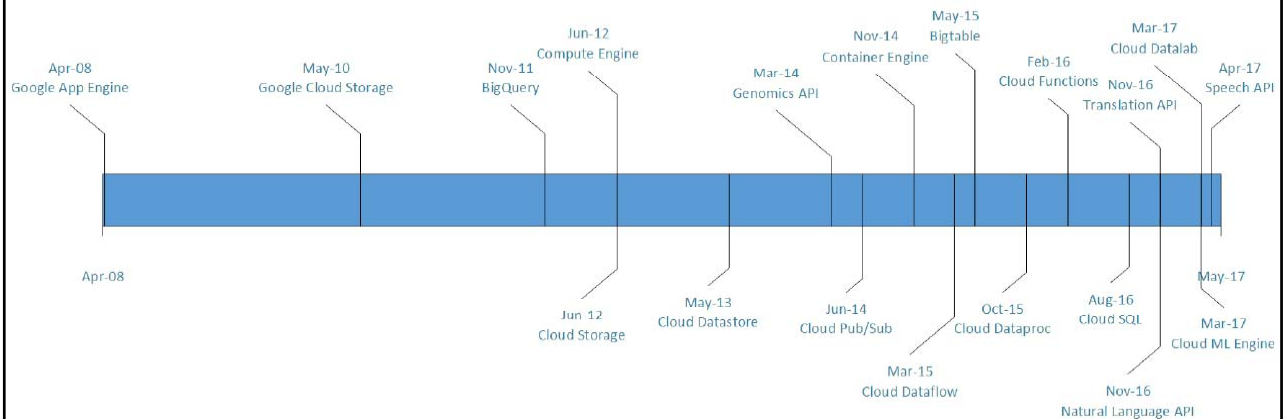


Public cloud service provider

Started in 2008

Leverages Google global infrastructure

A Brief History



Computer Processing Resources and Data



Processing

Storage

Networking

Processing



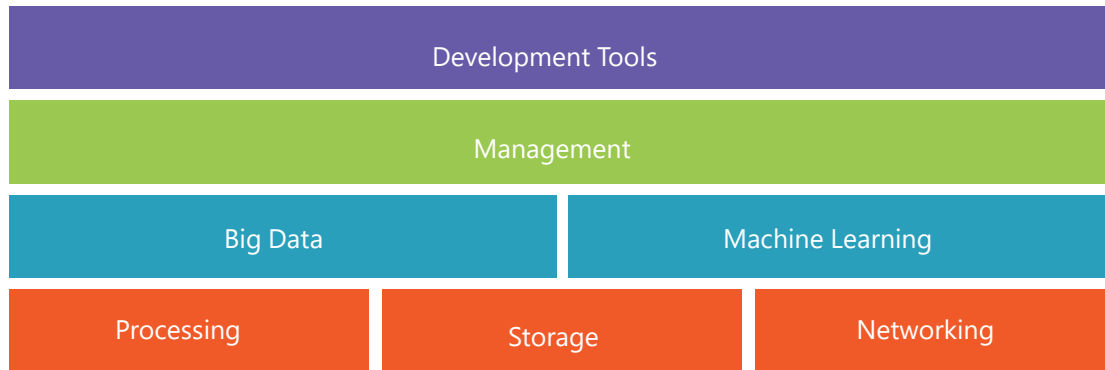
Storage



Networking



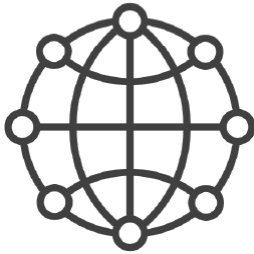
Building Out the Stack



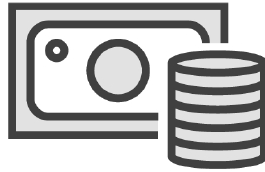
Global Presence



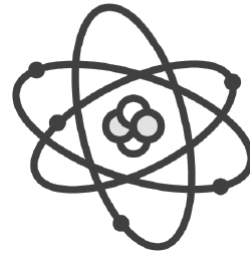
How GCP is Different



Network



Pricing



Technology &
Innovation

Demo



Pricing Calculator

Core Building Blocks



Topics



Compute
Storage
Networking

Compute Services



Compute Engine



Kubernetes
Engine



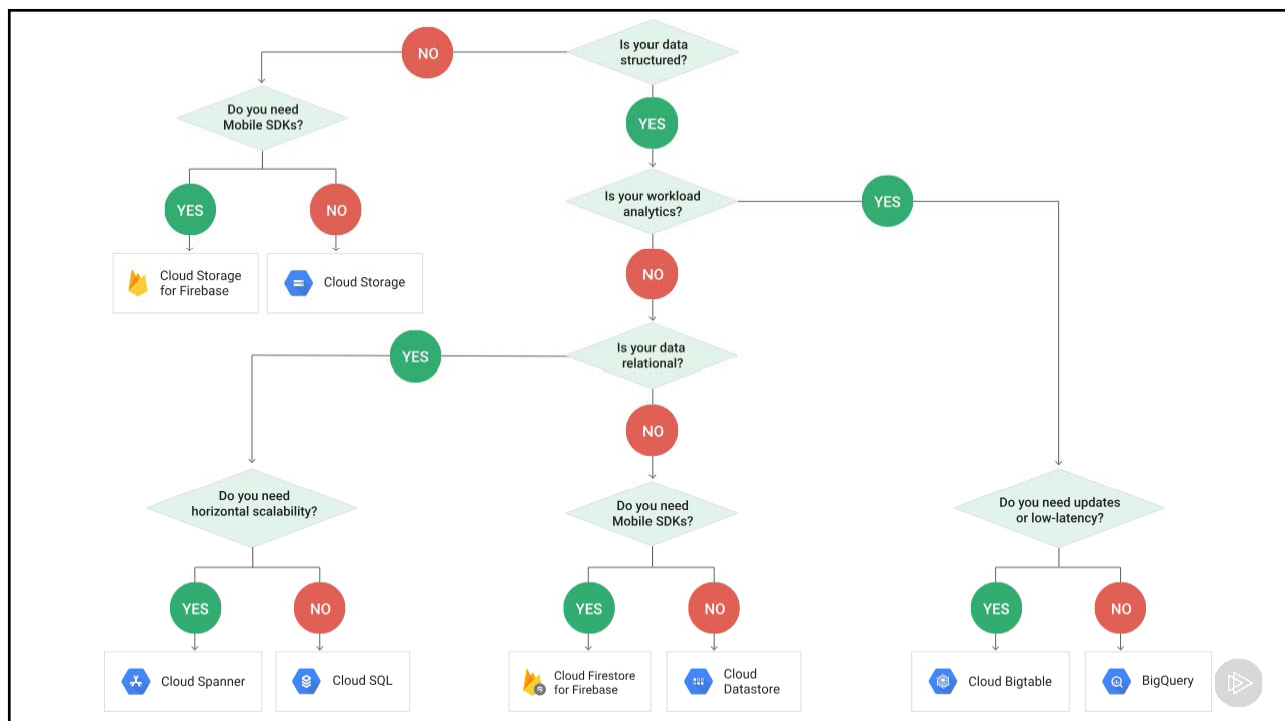
App Engine



Cloud Functions

Storage

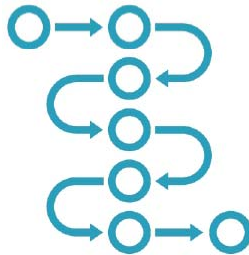
Cloud SQL
Cloud Storage
Persistent Disk
Cloud Filestore
Cloud Bigtable
Cloud Spanner
Cloud Datastore
(Firestore)
Cloud Memorystore



What Makes Google's Network Special?



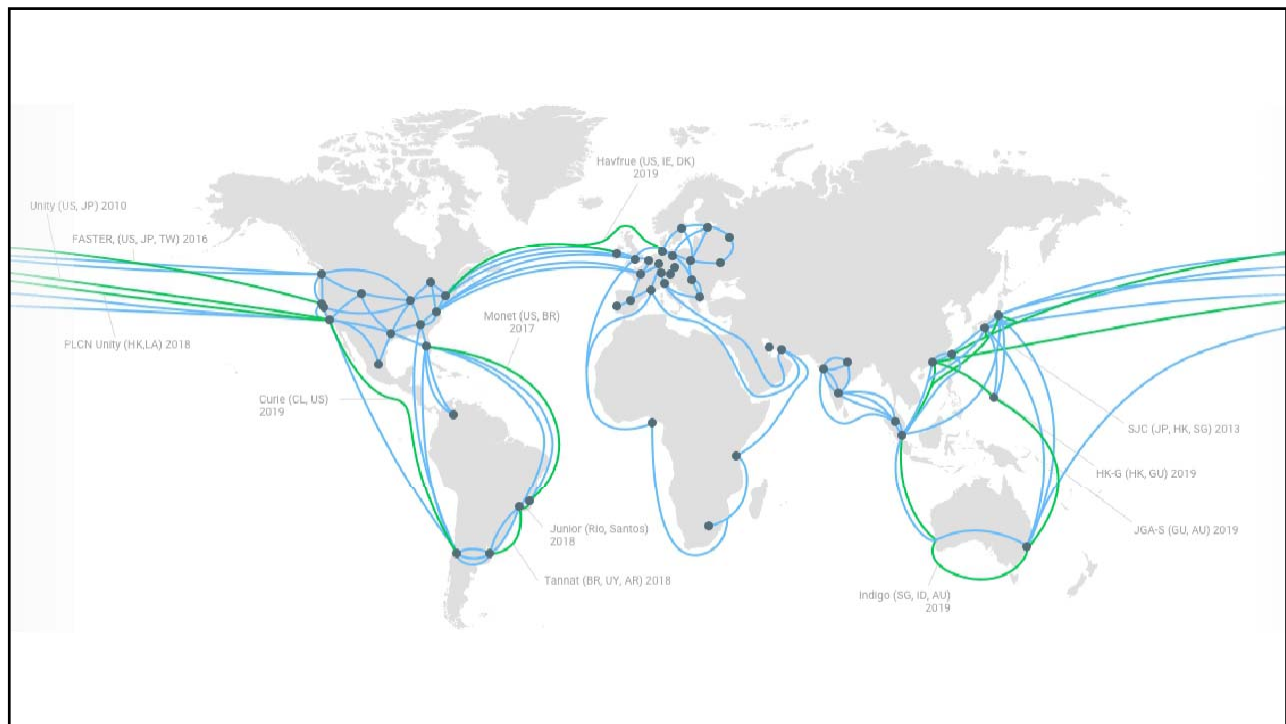
Size and scale



Agility



Performance



Virtual Private Cloud
 Cloud Load Balancing
 Cloud Armor and
 Telemetry
 Content Delivery
 Network
 Cloud DNS
 Cloud Interconnect
 Network Service Tiers



Summary



GCP is a mature public cloud service offering built on Google's global infrastructure

Key areas of differentiation include network infrastructure, pricing and technology

Getting started with GCP is easy