

Harvesting, Storing, and Retrieving Data

Why are we here?

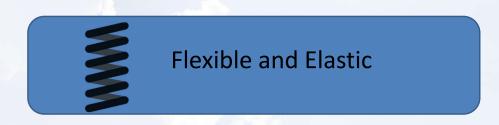
- What is Cloud Computing?
- Why would we want cloud computing?
- How is it different from traditional architecture?
- What are the types of cloud computing
- What is Google Cloud Platform?
 - Benefits
 - Services
 - Interaction
 - How vast is the GCP network?

What is Cloud Computing



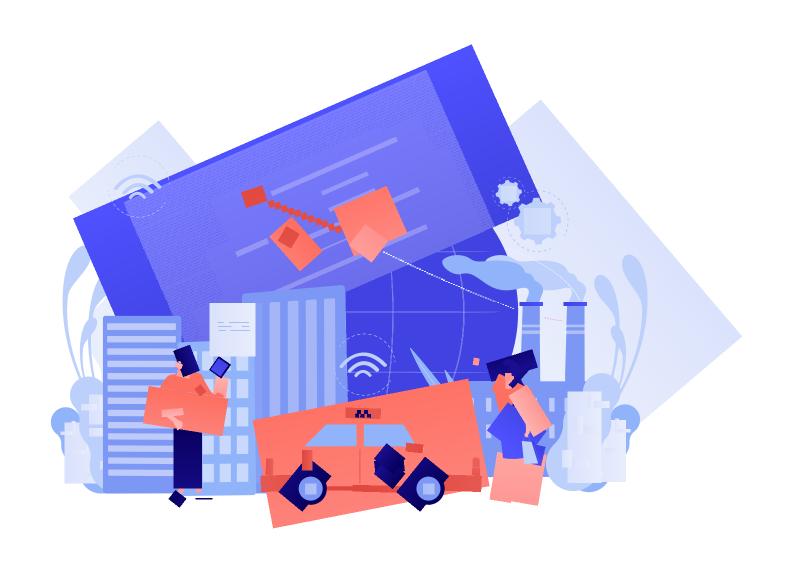








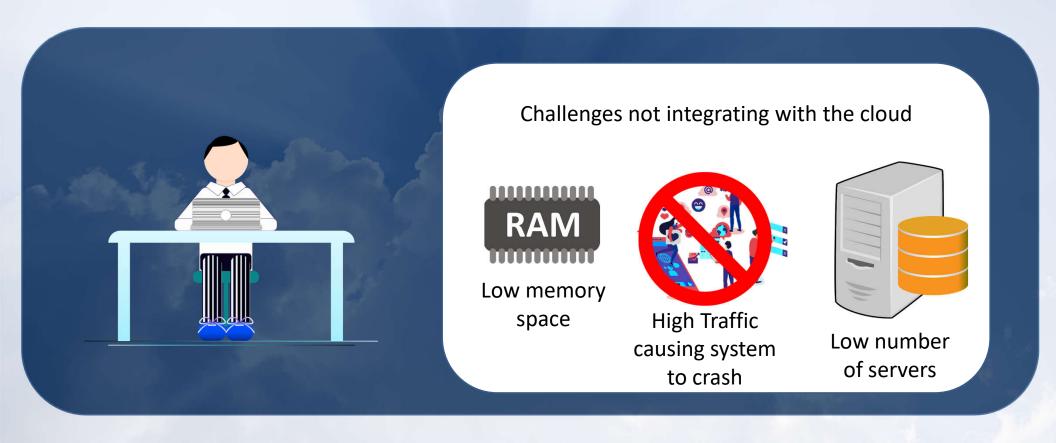




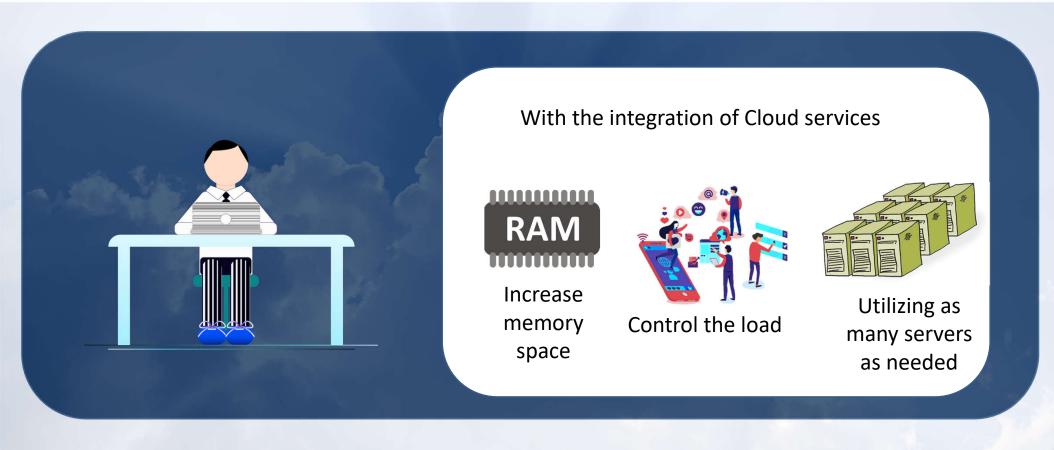
Why Cloud Computing



Why Cloud Computing: Use Case



Why Cloud Computing: Use Case



Cloud vs. Traditional Architecture

Buy IT services

Pay-as-you-go

Access from the Internet

Shared, Multi-Tenant, Diverse, & Dynamic

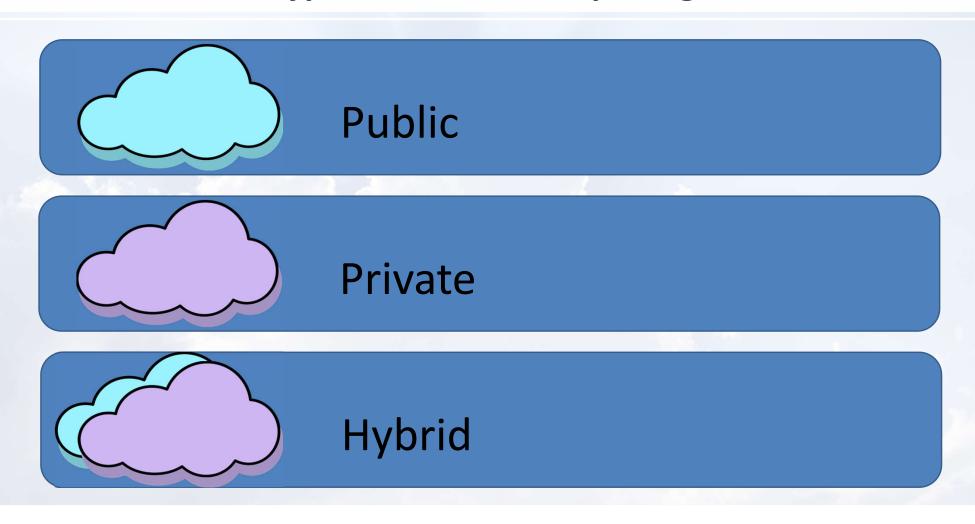
Build infrastructure and buy assets

Pay for fixed assets

Access via corporate internal network

Single tenant, static

Types of Cloud Computing



Cloud Services



Infrastructure as a Service (laaS)

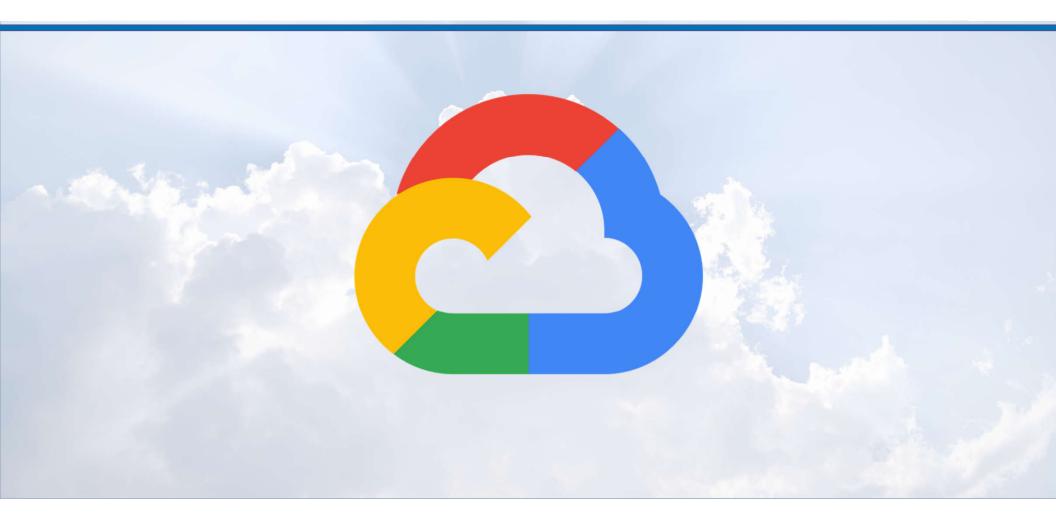


Platform as a Service (PaaS)



Software as a Service (SaaS)

What is GCP



Why GCP over AWS and Azure



Better Pricing



Fast response times



Live Migration



Simple Setup and Configuration

Benefits of GCP



High Productivity



Redundant Backups



Work from Anywhere



Reliable



Quick Collaboration



High Security

GCP Services



4 Ways you can Interact with GCP Platform

Cloud Shell

APIs for Custom Applications

Mobile App

GCP Projects

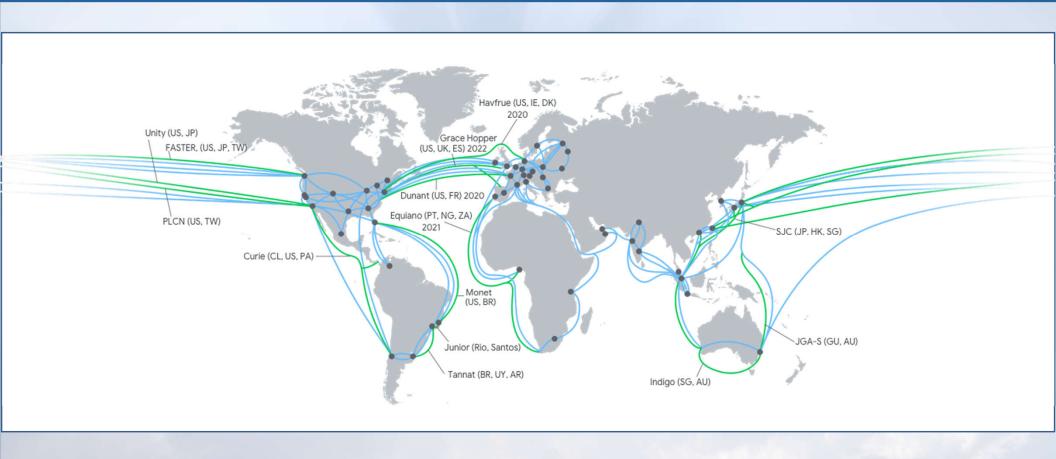
All GCP resources must belong to a GCP Project

Projects are billed and managed separately

Project ID has to be unique and is generated automatically

Can't reuse project names of a deleted project

How Vast is GCP's Network



GCP's Cloud Locations

