

Assignment 4

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define

① compute engine

secure and customizable compute service that lets you control and runtime and monitor on google's infra structure

② App engine

Build highly scalable Application on a fully managed serverless platform

③ cloud function

scalable pay as you go function as a service to run your code with zero server management

④ Google's Kubernetes engine

- A simple way to automatically deploy, scale and manage Kubernetes

⑤ cloud run

- Develop and deploy highly scalable containerized application on a fully managed service platform

⑥ container register.

- store manage and secure your docker container image.

3) virtual private cloud

- Global virtual network that spans all regions single VPC for an entire orgnize isolated within, protect IP space with in domain.

4) cloud load balancing

- With performance capable load balancing on google clouding platform

5) cloud hybrid computing

- connect your infrastructure to google cloud on your term for ~~connect~~ anymore

6) google cloud domain cloud DNS

- Reliable resision - loading, DNS, services from google worldwide network with everything you need to register

7) cloud CDN

- fast reliable web and video content delivery with global scale and reach

12) google cloud ml

- it help protects your application and website & assesses details of abuse and web attacks

(13) Google storage.

- object storage for companies of all sizes & any amount of data.

14) persistent disc

- object storage for companies of all size store any amount of data restore it was often at good price.

15) cloud storage and data archiving

- Highly available affordable solution for backup archival and recovery

16) file storage.

- High performance fully managed file storage

17) memory store

- reduce latency with subsecond access and highly available in memory service for read and manage

18) cloud sql

- fully managed relational database service for mysql, postgres and sql server.

19) cloud file storage

- fully managed solution : database with uniform access storage consisting and up to 99.99% available

20) cloud big table

- A fully managed scalable NoSQL database service for large Analytics and operations work loads upto 99.99% availability

21) big query

- serverless widely scalable and cost efficient multi cloud data warehouse designed business quality

22) Data proc

- Data proc is fully managed and highly scalable service for running Apache, spark, Tez, etc and both open source tools framework.

23) Dataflow

- unified stream and data processing that's services fast and cost-effective.

24) cloud trace

- find performance & status in production

25) secret manager

- store API key password configs and other sensitive data.

26) data cat

- manage catalog key on google cloud

eg) event threat detection

- security and risk management platform for
google cloud

so) video AI

enable performance context ^{data} - driven and
enable video experience