

Assignment : 4

* Define

1] Compute Engine

→ Secure and customizable compute service that lets you create and run virtual machine on google's infra structure.

2] App Engine

→ Build highly scalable applications 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 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 services platform.

6] Container Registry

→ Store, manage and secure your Docker container image.

7] Virtual Private Cloud.

→ Global virtual networks that spans all regions single VPC for your entire organization isolated within project in IP space with no downtime.

8] Cloud Load Balancing

→ High performance, scalable load balancing on Google Cloud Platform.

9] Cloud Hybrid Connectivity

→ Connect your infrastructure to Google Cloud on your term from anywhere.

10] Google Cloud domains Cloud DNS

→ Reliable, resilient low-latency DNS serving from Google worldwide network with exciting you need to register manage and serve your domains.

11] Cloud CDN

→ Fast reliable web and video content delivery with global scale and reach.

12] Google Cloud Armor

→ Help protect your application and website against denial of service and web attacks.

13] Google Cloud

Cloud Storage

→ Object storage for companies of all sizes store very amount of data. Retrive it as often as good like.

14] Persistent Disk.

→ Reliable, high performance, block storage for virtual machine instance.

15] Cloud Storage and Object Archiving

→ Highly available, affordable solution for backup archiving and disaster recovery.

16] Filestore

→ High Performance, Fully managed file storage

17] Memory store

→ Reduce latency with scalar storage and highly available in memory service for Redis and memcached.

18) Cloud SQL

→ Fully managed relational database service
for MySQL, PostgreSQL and SQL Server.

19) Cloud Spanner

→ Fully managed relational database with committed
scale, strong consistency and upto 99.99%
availability.

20) Cloud BigTable

→ A fully managed scalable NoSQL database
service for large analytical and operational
work loads with upto 99.99 availability.

21) Big Query

→ Serverless highly scalable and cost effective
multi-cloud data warehouse designed
business agility.

22) Pub/Sub

→ Lowest event for streaming into big query
data lakes or operational database.

23) DataProc

→ Data Proc is a fully managed and highly scalable
service for running Apache Spark, Apache Flink,
Presto and Google open source tools and frameworks.

24) Data Flow

→ Unified stream and batch data processing that's serverless, fast, and cost-effective.

25) Cloud Composer

→ A fully managed workflow orchestration service built on Apache Airflow.

26) Cloud Deployment Manager

→ Google Cloud Deployment Manager is an infrastructure deployment service that automates the creation and management of Google cloud resources.

27) Cost management

→ Tools for monitoring, controlling and optimizing your costs.

28) Cost monitoring

→ Gain visibility into the performance, availability and health of your application and infrastructure.

29] Cloud Logging

→ Fully managed real-time log management with storage, search, analyzers and alerting at enterprise scale.

30] Cloud Audit Logs

→ giving visibility into who did what when and where for all users on google cloud platform.

31] Cloud Debugger

→ Improving your code's behavior in production.

32] Cloud Trace

→ Find performance bottlenecks in production.

33] Cloud Identity and Access Management

→ Find granular access control and visibility for centrally managing cloud resources.

34] Secret Manager

→ Stores API key, password, certificate and other sensitive data.

35] Cloud Key

→ Manage encryption key on google cloud.

83] cloud asset inventory

→ Multiduty inventory service that allows you to view monitor and analyze all your step and antivirus assets across project and service.

87] web service security

→ Security command center google clouds centralized vulnerability and threat reporting service.

88] Event threat detection

→ Security and risk management platform for google cloud.

89] manage service for microsoft active directory.

→ managed service for microsoft directory of high availability hardware microsoft active directory domain hosted by google cloud.

90] speech to text

→ Converts current speech into text using an API powered by google AI technologies.

50] Cloud vision

→ Derive insight from your image in the cloud or at the edge with automatic vision or use pre-train vision API models to detect motion, understand text and more.

51] Cloud Natural Language, AI

→ Derive insights from unstructured text using Google machine learning.

52] Cloud Translation

→ Make your content and apps multilingual with fast dynamic machine translation.

53] Dialog flow

→ Life like conversational AI with stories or the AI virtual agents.

54] Video API

→ Enable powerful content discovery and engaging video experiences.

55) Auto ML

→ Train high quality custom machine learning models - with minimum effort and machine learning expertise.

56) AI platform

→ Build, deploy and scale ML models fast, with pre-trained and custom tooling with unified AI platform.

57) cloud IoT

→ Onlocks insight from your global device network with an intelligent IoT platform whose scalable, fully managed integration lets you connect, store and analyse data at the edge - and in the cloud.