

Define.

(1) Compute Engine.

→ secure and customizable compute service. that lets you create and run virtual machines 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 serverless platform.

(6) Container Registry

→ Store, manage, and secure your Docker container images.

(7) Virtual private Cloud

- Global virtual network that spans all regions. Single VPC for an entire organization. Isolated within project. Private 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 terms from anywhere.

(10) Google Cloud domains, Cloud DNS

- Reliable, resilient, low-latency DNS serving from Google's worldwide network with everything 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 attack.

(13) Cloud Storage.

→ object storage for companies of all sizes. Store any amount of data. Retrieve it as often as you'd like.

(14) Persistent Disk.

→ reliable, high performance block storage for virtual machine instances.

(15) cloud storage and data archiving

⇒ highly available, affordable solution for backup, archival and disaster recovery.

(16) Filestore

→ high performance, fully managed file storage.

(17) Memory store

→ Reduce latency with scalable, secure 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 unlimited scale, strong consistency and upto 99.99% availability.

(20) cloud bigtable.

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

(21) Big query

→ serverless, highly scalable, and cost effective multicloud data warehouse designed business agility

(22) Pub/sub

→ ~~Eng~~ Ingest events for streaming into Big query data lakes or Operational database.

(23) Data proc.

→ Data proc. is a fully managed and highly scalable service for running Apache, spark, ~~at~~ Apache flink, Presto and 30+ 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 build 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 analysis and alerting at exabyte scale.

(30) Cloud Audit Logs

→ Gain visibility into who did what, when and where for all users on Google Cloud platform.

(31) Cloud Debugger

→ Inspecting your code's behavior in production.

(31) Cloud trace.

→ Find performance bottle neck in production.

(33) Cloud Identity and Access management.

→ Fine grained access control and visibility for certainty managing cloud resources.

(34) secret mang^o.

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

(35) Cloud Key

→ manage encryption key on google cloud.

(39) ~~Damage ment service~~

→ manage

(36) Cloud Asset Inventory.

→ A metadata inventory service that allows you to view, monitor and analyze all your GCP and Anthos assets across project and service.

(37) web service security

→ security command center google cloud's centralized vulnerability and threat reporting service.

(38) Event Threat detection

→ security and risk management platform for google cloud.

(39) manage service for microsoft Active Directory.

→ managed service for microsoft Directory of high availability hardened microsoft Active Directory Domains hosted by google cloud.

(40) Speech to text

→ Accurately convert speech into text ~~and~~ using an API powered by google's AI technologies.

(50) cloud vision.

→ 1) Derive insight from your image in the cloud or at the edge with Automl vision or use pre-train vision API models to detect emotion, understand text and more.

(51) cloud Natural Language AI

→ Derive insights from unstructured text using Google machine learning.

(52) ~~Google~~ Cloud Translation.

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

(53) Dialogflow

→ life like conversational AI with state of the art virtual agents

(54) video AI

- Enable powerful content discovery and engaging video experiences.

(55) Auto ML

- Train high-quality custom machine learning model with minimal effort and machine learning expertise.

(56) AI platform

- Build, Build, deploy and Scale ML models faster with pre-trained and custom tooling within a unified AI platform.

(57) Cloud IOT

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