

* 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 application on a fully manage serverless platform

③. cloud function

→ Scalable pay-as-you-go function on 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 PaaS platform

⑥. container registry

→ store, manage, and secure your docker container image

⑦. virtual private cloud

→ global virtual networks that span all region single user for an entire

organization isolated within project
increases IP space with no downtime.

⑩. cloud load balancing
→ High performance scalable load balancing
on google cloud platform

⑪. cloud Hybrid Connectivity
→ Connect your infrastructure to google
cloud on your terms from anywhere

⑫. 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 domain

⑬. cloud CDN
→ Fast, reliable web and video content
delivery with global scale and reach

⑭. Google cloud Armor
→ Help protect your application and website
against denial of service and web
attacks

⑮. cloud storage
→ object storage for companies of all
sizes store any amount of data retrieve
it an after good like

⑯. persistent disk
→ reliable, high-performance block storage

for virtual machine instance

(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, storage consistency and upto 99.99% availability

(20) cloud bigtable
→ A fully managed scalable, NoSQL database service for large analytical and operational work load with upto 99.99% availability

(21) Big queries
→ Serverless highly scalable and cost effective multicloud data warehouse designed business agility

(2) Pub/sub
→ Ingest event for streaming into Big Query data lake or operational database

(3) Data Proc.
→ Data proc in a fully managed and highly scalable service for running apache Spark, apache Hints Presto and 30th open source tools and framework

(4) Data Flow
→ unified stream and batch processing that is serverless, fast, and cost-effective

(5) cloud composer
→ A fully managed workflow ~~orch~~ orchestration service build on Apache Airflow

(6) cloud Deployment manager
→ google cloud Deployment manager is an infrastructure deployment service that automates the creation and management of google cloud resources

(7) cost management
→ tool for monitoring, controlling and optimizing your costs

(8) 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 enterprise scale

(30) cloud Auditlog
→ 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

(32) cloud trace
→ find performance bottlenecks in production

(33) cloud identity and Access management
→ fine grained access control and visibility for securely managing cloud resources

(34) secret manager
→ Store API keys, passwords, certificates and other sensitive data

(35) cloud key
→ Manage encryption keys on Google cloud

(36) cloud Asset inventory
→ A metadata inventory service that allows you to view, monitor and analyze

all your App and Android assets
across project and service

(37) web service security
→ security command center google cloud
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
off high availability hardened microsoft
Active Directory Domain hosted by google
cloud

(40) Speech to text
→ accurately convert speech into text using
an API powered by google's AI technology

(41) cloud vision
→ derive insight from your image in the internet
cloud or at edge with automatic vision or
use pre-trained vision API model to detect
understand text and more

(42) cloud natural language API
→ derive insights from unstructured text
using google machine learning

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(1) Cloud Translation

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

(2) Dialogflow

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

(3) Video AI

→ Enable powerful content discovery and engaging video experience

(4) Auto ML

→ Train high quality custom machine learning model with minimal effort machine learning expert

(5) AI Platform

→ Build, deploy and scale ML model faster with pre-trained and custom tooling within a unified AI platform

(6) Cloud IoT

→ unlock 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