

Theory Assignment 5

1. Compute Engine

Secure & customizable, compute service that lets you create & run virtual machine on Google's infra structure

2. App Engine

Build highly scalable applications on a fully manageable 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 deployable, and manage Kubernetes

5. Cloud Run

Develop and deploy highly scalable containerized application on a fully managed serverless

6. Containers Register

How to manage & secure your docker 'containers' image.

7. Virtual Private Cloud

Global virtual network that spans all regions. Single VPC for an entire organization is shared within project time, 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, low latency DNS serving from google world wide network with everything you need to register, manage & serve your domain.

11. Cloud CDN

Fast, reliable, web & video content delivery with global, scale & reach

12. Google Cloud Armor

Help protect your application & website against denial of service & web attack

13. Cloud Storage

Object storage for companies of all sizes store any amount of data. Retrieve it all at as you would like

14. Persistent Disk

Reliable, high performance block storage for virtual machine instances

15. Cloud Storage & data archiving

Highly valuable, affordable Sol'n for backup archival & disaster recovery

16. Filestore

High performance, fully managed
file storage

17. Memory store

Reduce latency with Scalable - Secure
Easily available in memory
Service for reads E mem

18. Cloud SQL

fully managed relation database
service for mysql, postgresql
E sql server

19. Cloud Spanner

fully manage relation database
with unlimited scale, strong
consistency E upto 99.99%
efficiency

20. Cloud Bigtable

A fully manageable scalable
NoSQL database service for large
analytical E operational workloads
with 99.99% availability

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21. Big Query

Serverless, highly scalable & cost effective multiCloud data warehouse designed business agility

22. Pub/Sub

Events for streaming into Big Query, data lakes or operational database

23. Data Processing

Data processing is fully managed, highly scalable service for running apache, spark, Apache flink & other open source tools & frameworks

24. Data flow

Unified stream & data processing that's serverless & fast & 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 & management of Google cloud resources.

27. Cost Management

Tools & for monitoring, controlling & optimizing your cost

28. Cost monitoring

Gain visibility into the performance, availability & health of your applications & infrastructure

28. Cost monitoring

Gain

29. Cloud logging

Fully managed scalable log management with storage, search, analysis & alerting

30. Cloud audit logs.

Gain visibility into who did what when & where for all users on Google Cloud platform

31. Cloud debugger

Viewing your code's behaviour in production.

32. Cloud Trace

Find performance bottle neck in production.

33. Cloud identity & access management

Fine grained access & control visibility for ~~certainity~~ managing cloud resources.

34. Cloud key

Manage encryption keys on the Google Cloud.

35. Secret Manager

Store API key password Certificate & other sensitive data.

36. Cloud asset inventory

A metadata inventory service that allows you to view, monitor & analyze all your GCP & AWS assets across project & service

37.

Web service security

Security Command Center provides a centralized vulnerability & threat reporting service.

38. C Thread detection

Security & risk management platform for Google Cloud.

39. Manage service for Microsoft active directories

managed service for Microsoft. provides high availability Microsoft active directories & Domains hosted by Google Cloud.

40. Speech to text

Accuracy convert speech to text using an API powered by Google's AI technology

41. Cloud vision

Derive insights from your image in the cloud or at the edge with auto ML vision or use pre-trained vision API models to detect motion understand text & more

42. Cloud natural language AI

Derive insights from unstructured text using Google machine learning

43. Cloud Translation

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

44. Dataflow

like Conversational AI with state of art virtual agendas

45. Video AI

Enable powerful content discovery
& engaging video experiences.

46. Auto ML

Train high quality Custom machine
learning model with minimal
effort & machine learning expertise.

47. AI platform

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

48. Cloud IoT

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

Josh
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