	Service category	service	AWS	Google cloud
1.	Compute	IaSS	Amazon Elastic Compute cloud	compute engine :- secure and customizable compute service run on vms.
		PaSS	AWS elastic Beanstalk.	App engine :- Build highly scalable app on a fully manusable serverless platform
		FaSS	AWS Lambda	Cloud functions :- scalable. Pay as you go function as service turn your code with zero server management.
2.	Containers	CaaS	Amazon elastic Kubernets service, Amazon elastic container service	Google kubernets engine:- simple way to automatic deploy scale and manage kubernets

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	Containers without infrastructure	AWS fargate	Cloud Run:- deploy highly scalable containers application on utility managed Services platform
	Container registry	Amazon elastic container Registry	container registry:- Store, manage, and secure your cocker container image.
3. Networking	Virtual networks	Amazon virtual private cloud	Virtual private cloud:- Global virtual network that spans all regions single VPC for an entire organization.
	Load balancer	Elastic local Balancer	Cloud Load Balancing:- High performance scalable load balancing on google cloud platform
	Dedicated inter connected	Aws direct connect	Cloud Interconnect :- connect goal interface to google cloud on your term Rile anywhere.

		Domains and DNS	Amazon Route 53	Google Domain,(104) DNS:- Reliable, low-latency DNS serving from google world wide Network manage and server your domain.
		CDN	Amazon cloud front	cloud CDN:- fast, reliable web and video content delivery with global scale and real.
		DDOS firewall	AWS Shield AWS WAF	Google Cloud Armor:- Protect your app and website against of denial of service and web attack.
4.	Storage	object Storage	Amazon simple storage service	cloud Storage:-storage and amout of data. Retrive it also.
		Block Storage	Amazon elastic Block storage	Persistent disk:- Reliable high performance block store for virtual machine instance

	Reduced availability storage	Amazon Glacier	Cloud storage archiver, highly available, affordable vault for backup and recovery.
	File storage	Amazon elastic file system	File storage:- High Performance, fully managable file storage
	In-memory data storage	Amazon elastic cache for Redis	memory store:- Reduce latency with @ highly available in-memory service for Redis and cached.
5. Database	RDBms	Amazon Relational Db service, Az Aurora	Cloud SQL:- fully managed relational database service for mysql, postgresql, and SQL serer.
	NoSQL:- Key-value	Amazon Dynamo DB	Cloud Bistable:- A fully managed scalable. NoSQL database service for large analytical and operates workload.

6.	Duta Analytics	Data warehouse	Amazon Redshift	Bigquery :- serverless high scalabuable any cost effective multilone duta warehouse with ability
		messying service, Amazon simple queuing service	Pub/Sub :- Event for strymsing into Big query duty. less or operational datalbase
		workflow orchest- ration	Amazon Duty pipeline, Aws que	Cloud composer :- A fully managed workflow orchistrate service build on Apache Airflow.
7.	managg- ement toois.	Deploy - ment	Aws Cloud formation	Cloud Deployment manager :- It is infrustructure & deployment service that coo automate the creation and management of google cloud resources
		Cost management	Amazon Cloudwatch	Cloud monitoring is

		Cost management	AWS Budget	Cost management :- Tools for monitoring, Controlling and optimizing your cost
8.	Operation	Monitoring	Amazon cloud watch	Cloud monitoring :- Tools for maintain visibility into the performance availability and health of your app and interface.
		Logging	Amazon cloudwatch logs.	Cloud logging :- fully manused, realtime log manused with storage.
		Debugging	AWS X-RAYS	Cloud debugger :- Investing your code behaviour in production
		performance tracing	AWS X-Rays	Cloud trace :- find performance bute near in production
9.	Security and Identity	IAM	Amazon Identity and Access management	Cloud Identity and AM :- find smined access control and vistor for continity meonusing cloud resourues

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		Secret management	AWS Secrets manager	Secret manager :- Stor API key Password, certificate and other sensitive data.
		Resource monitoring	AWS config	Cloud Asset inventory :- A more data inventory service that allows to view monitor and analysis creptndauty asset across project and services.
		Encrypted keys	Aws key management services	Cloud Key mangemena service :- manage encryption key on Google cloud.
		Threat detection	Amazon guard Duty	Event Threat detection :- Security and risk management platform for google cloud.
10.	machine Learning	speech	Amazon Transcrise	speech-to-text :- Accurately convert speech into text using an API powered by Google AI technology.

		vision	Amazon Rekognition	Cloud vision :- 2+ define insight from image in the cloud at the ease with Auto ML vision
		Natural Language Preessing	Amazon comprehend	Cloud Natural language API:- Derive insight unstructured text using google ML.
		transiation	Amazon transiation	Cloud transiation :- make content and app multilisual with fast dynamic ML.
		-video intelligence	Amazon sagemaker Rekognition video	get video AI :- enable powerful content discovery and ensusing video expression
11.	Internet of Things	IOT services	Amazon IOT	cloud IOT :- insight from your global device network with an intelligent IOT platform whose scalable fully munnsel intesration.