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CLOUD COMPUTING

SERVICE CATEGORY	SERVICE	AWS	Google Cloud
Compute	IAAS	Amazon Elastic Compute cloud	Compute Engine = Secure and Customizable Compute Service run on Virtual machine.
	PAAS	AWS Elastic Beanstalk	App Engine = Build highly Scalable Application on a fully managed Services Platform
	FAAS	AWS Lambda	Cloud Functions: Scalable Pay as you go function as serverless code with zero Service management.
Container	CAAS	Amazon Elastic Kubernetes Service	Google Kubernetes Engine = Simple way to customise, deploy, scale and manage Kubernetes.

	Container without Infrastructure	AWS Elastic	Cloud Run = Deploy high Scalable Container or application on a fully managed Service Platform.
	Container Registry	Amazon Elastic Container Registry	Container Registry = Store, Manage and secure your Docker containers
→ Storage	Object Storage	Amazon Simple Storage Service	Cloud Storage = Store any amount of data. Retrieve it also.
	Block Storage	Amazon Elastic Block Store	Persistent Disk = Reliable, high performance. Store data on Virtual Machine Instance.
	File Storage	Amazon Elastic File System	File Store = High Performance fully managed file Storage.
	In memory Data Store	Amazon Elastic Cache for Redis	Memory Store = Reliable latency with sensitive and highly available in memory Service on Redis and Cached.

	Debugging	Aux Keys	Cloud Debugger = Investigate your code behavior in Production.
	Performance tracing	Aux xRay	Cloud Trace = Find Performance bottlenecks in Production
Security & Identity	IAM	Amazon Identity and Access Manager	• Fine grained access control and Visibility for Certain Managing Cloud resources.
	Secret Management	AWS Secret Manager	Secret Manager = Store API key Password, Certificate and other Sensitive data.

Management Tools	Deployment	Aws cloud formation	Cloud Deployment Manager = It is Infrastructure deployment service that automate the creation and management of Google cloud storage.
	Cost Management	Aws Budgets	Cost Management = Tools for monitor controlling and optimizing your bill.
Operations	Monitoring	Amazon Cloudwatch	Cloud monitoring = visibility into the Performance, availability and health of your application
	Logging	Amazon Cloudwatch Logs	Cloud Logging = Fully managed, real-time log management with storage & search analysis and alerting at byte scale
	Audit logging	Aws cloud Trails	Cloud Audit logs :- gain visibility into who did what, when and where on the Google Cloud Platform. 90/12/21