

Assignment - 4

Service Category	Service	AWS	Google Cloud
Compute	• IaaS	Amazon Elastic Compute Cloud	Compute Engine
	• PaaS	AWS Elastic Beanstalk	App Engine
	• FaaS	AWS Lambda	Cloud Function
Containers	• CaaS	Service, Amazon Elastic Container Service	Google Kubernetes Engine
	• container w/o infrastructure	AWS Fargate	Cloud Run
	• Container registry	AEC registry	Container registry
Networking	• Virtual N/W	VPN, cloud	Virtual Private Cloud
	• Load balancer	Elastic Load balancing	Cloud Load Balancing
	• CDN	Amazon CloudFront	Cloud CDN
	• DDoS protection	AWS Shield, AWS WAF	Google Cloud Armor
Storage	• object storage	Amazon S3	Cloud Storage
	• Block storage	Amazon EBS	Persistent Disk
	• Reduced availability storage	Amazon S3 Standard Access, Amazon S3 One Zone - Infrequent Access	Cloud Storage
			storage timeline

UM HYPER
CINDER
Block STORE

Database	<ul style="list-style-type: none"> • RDBMS • NoSQL: key Value 	Amazon Relational DB Seattle, Amazon Aurora Amazon Dynamo DB	cloud S3, cloud Spinner Pinestore, cloud
Data analysis	<ul style="list-style-type: none"> • Data Warehouse • Query Service • Messaging • Batch Data Processing 	Amazon Redshift Amazon Athena Amazon S3, SNS Amazon EMR Amazon Batch	Big query Big data Pub / Sub Data Flow
Managed	Deployment	AWS cloud Formation	cloud Deployment
Operation	<ul style="list-style-type: none"> • Monitoring • Logging • Audit logging • Debugging • Performance tracking 	Amazon cloud Watch Amazon cloud Water logs AWS cloud Trails AWS X-Ray AWS X-Ray	cloud monitoring cloud Logging cloud Audit logs cloud Debugger cloud Trace
Internet of Things	IoT Services	Amazon IOT	Cloud IOT

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2012/2021