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RollNo :- I2

class :- mCA-3

Subject :- cloud Computing

Assignment - 4

1.

Service category	service	AWS	Google cloud
Compute	Iaas	Amazon Elustic comp ute Cloud	Compute engine
	Paas	Aws Elustic Bean Stalk	APP engine
	Faas	Aws lambda	cloud Function
Containers	Caas	Amazon Elustic Kubernetes Service, Amazon elustic Container service	google kuber netes Engine
	Container with out infrastructu re	Aws Fog Fargate	cloud run
	Container registry	Amazon Elustic contai ner registry	Container registry
Networking	Virtual Network	Amazon virtual Private cloud	Virtual Private cloud
	Loud balancer	Elustic loud bulancer	Cloud loud balancing
	Dedicated inter connect	Aws direct connect	Cloud interconnect
	Domains & DNS	Amazon route 53	Google domain cloud dns
	CDN	Amazon cloud Front	cloud CPN
	DDOS	Aws shield	google cloud Armor
	Firewall	Aws. WAF	

Storage	Object Storage	Amazon simple storage service	Cloud storage
	Block Storage	Amazon elastic Storage service	storage Persis tent disk
		Amazon S3 standard Infrequent	cloud storage Nearline &
	Reduced-availability Storage	Access, Amazon S3, one zone-Infrequent access	Cloud storage coldline
	Archival Storage	Amazon Glacier	cloud storage archieve
	File Storage	Amazon elastic file system	filestore
	In-memory data store	Amazon elastic cache for redis	memory store
Database	RDBms	Amazon Relational Database service, Amazon aurora	cloud SQL, cloud spanner firestore,
	NOSQL: Key-value	Amazon Dynamo DB	cloud fire store cloud
	NOSQL: Indexed	Amazon simpleDB	Big table, fire store
	In-memory data store	Amazon elasticache for redis	memory store
Data Analytics	Data ware house	Amazon redshift Amr	Big Query
	Query service	Amazon Athena	Big query

	messaging	Amazon simple notifi-cation service, Amazon simple quereing service	Pub/sub
	Batchdata Processing	Amazon elastic mapReduce, Aws batch	Putaproc Data flow
	Stream data Processing	Amazon kinesis	Data Flow
	stream data ingest	Amazon kinesis	Pub/sub
	workflow orchestration	Amazon Data Pipeline, Aws glue	cloud Composer
management tools	Deployment	Aws cloud forma-tion	cloud deployment manager
	Cost management	Aws budgets	Cost management
Operations	monitoring	Amazon cloud watch	cloud monitoring
	Logging	Amazon cloud watchlogs	cloud logging
	Audit logging	Aws cloudtrails	cloud Audit logs
	Debugging	Aws x-Ray	cloud Debugger
	Performence tracing	Aws x-Ray	cloud trace
security & Identity	IAm	Amazon identity & Access management	Cloud Identity & access management
	Secret management	Aws secrets manage x	secret manager
	Encrypted keys	Aws keys management service	management service

Re	Resource monitoring	Aws Config	cloud Asset Inventory
	Vulnerability Scanning	Amazon inspector	web security Scanner
	Threat detection	Amazon guard Duty	Event threat Detection (beta)
	microsoft Active Directory	Aws Directory service	managed service for microsoft active Directory
machine learning	Speech	Amazon transcribe	speech-To-text
	Vision	Amazon Rekognition	cloud vision
	NLP	Amazon comprehend	Cloud Natural language API
	Translation	Amazon translate	cloud translation
	conversatio nal interface	Amazon Lex	Dialogflow Enterprise edition
	video - Intelligence Auto	Amazon rekognition video	video Intelligence API
	Auto - generated models	Amazon Sage maker Autopilot	Auto ML
	Fully managed ML	Amazon Sagemaker	AI Platform
Internet of Things	IoT Services	Amazon IoT	Cloud IoT