

PUBLIC CLOUD COMPARISON MATRIX

			
COMPUTING			
Instance Families	7	7	4
Instance Types Predefined	54	52	18
Custom Instance Types	N/A	N/A	Yes
Regions	12	22	4
New Regions (Announced for 2016)	5	5	None
Zones	32	N/A	13
STORAGE AND DATABASE			
Ephemeral (Temporary)	Yes	Yes	Yes
Storage	EBS- Magnetic Volumes, PIOPs SSD, GP-SSD	Standard, Premium	HDD, SSD
Object Storage	S3	Blob Storage	Google Cloud- Standard , DRA
Relational Database	RDS	AzureSQL Database	Google CloudSQL
Archiving	Glacier	Azure Backup	Nearline
NoSQL and Big Data	DynamoDB, EMR, Kinesis, Redshift, Machine Learning, S3, ElasticSearch	Azure Data Factory, Azure DocumentDB, Azure HDInsight, Azure Stream Analytics	BigTable, DataStore, BigQuery, DataProc, DataFlow, DataLab, PUB/SUB
NETWORKING			
Virtual Network	VPC	Vnet	Subnet
Public IP	Yes	Yes	Yes
Hybrid Cloud	Yes	Yes	Yes
DNS	Route53	Azure DNS	CloudDNS
Firewall/ACL	Yes	Yes	Yes
PRICING STRUCTURE			
Pricing	Per hour, rounded up	Per minute, rounded up	Per minute, rounded up, min 10 min
Models	On demand, reserved, spot	On demand, 12 month prepay	Ondemand, preemptive (spot), sustained use

Which cloud option is right for you?