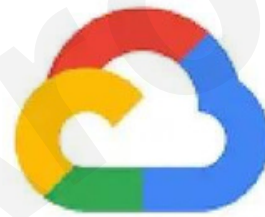


AWS vs **AZURE** vs **GOOGLE CLOUD** vs **ORACLE CLOUD**



Google Cloud



Hina Arora



Regions and Availability



<p>99 availability zones with 31 geographic regions around the world</p>	<p>Azure currently has more than 60 regions, some of which are in development.</p>	<p>GCP offers 24 regions with 73 total zones.</p>	<p>Oracle Cloud offers services from 41 public cloud regions in 22 countries.</p>
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Storage



<i>Services</i>	<i>AWS</i>	<i>Azure</i>	<i>GCP</i>	<i>OCI</i>
<i>Object Storage</i>	Amazon S3 (Simple Storage Service)	Blob Storage	Google Cloud Storage	Oracle Cloud Infrastructure Object Storage
<i>Virtual Server Disks</i>	Amazon Elastic Block Store	Managed Disks	Google Compute Engine Persistent Disks	Block Volumes
<i>Cold Storage</i>	Amazon Glacier	Azure Archive Blob Storage	Google Cloud Storage Nearline	Archive Storage
<i>File Storage</i>	Amazon Elastic File System	Azure File Storage	ZFS/Avere	Oracle Cloud Infrastructure File Storage



Databases



<i>Services</i>	<i>AWS</i>	<i>Azure</i>	<i>GCP</i>	<i>OCI</i>
<i>RDBMS</i>	Amazon Relational Database Service	SQL Database	Google Cloud SQL	Oracle Autonomous Database
<i>NoSQL: Key-Value</i>	Amazon DynamoDB	Table Storage	Google Cloud Bigtable	Oracle NoSQL Database
<i>NoSQL: Indexed</i>	Amazon SimpleDB	Azure Cosmos DB	Google Cloud Datastore	NoSQL Database Cloud Service



Networking



<i>Services</i>	<i>AWS</i>	<i>Azure</i>	<i>GCP</i>	<i>OCI</i>
<i>Virtual Network</i>	Amazon Virtual Private Cloud(VPC)	Virtual Networks (VNets)	Virtual Private Cloud	Virtual Cloud Network (VCN)
<i>Elastic Load Balancer</i>	Elastic Load Balancer	Azure Load Balancer	Google Cloud Load Balancing	Load Balancing
<i>Peering</i>	Direct Connect	Express Route	Google Cloud Interconnect	Fast Connect
<i>DNS</i>	Amazon Route 53	Azure DNS	Google Cloud DNS	OCI DNS Service



Pricing



<i>Machine Type</i>	<i>AWS</i>	<i>Azure</i>	<i>GCP</i>	<i>OCI</i>
<i>Smallest Instance with cost per month</i>	t2.nano instance type, 1 virtual CPU and 0.5 GB of memory will cost you around US\$4.75.	B1s instance type, which provides 1 virtual CPU and 1 GB of memory will cost USD\$9.49	f1-micro instance type, which provides 1 virtual CPU and 0.6 GB of memory will cost USD \$5.39	VM.Standard.E2.1.Micro instance type, 1 virtual CPU and 1 GB of memory cost USD \$4.23
<i>Largest Instance with cost per month</i>	x1e.32xlarge instance type, 128 virtual CPUs, 3904 GB of memory, and 14 TB of NVMe SSD storage will cost \$19,468.16	M128ms instance type, 128 virtual CPUs, 4 TB of memory, and 4 TB of temporary storage will cost \$28,886.88	n2-ultramem-160 instance type, 160 virtual CPUs, 3.75 TB of memory, 1.8 TB of local NVMe SSD storage will cost \$20,630.73	VM.Standard.E3.Flex instance type, 128 virtual CPUs and up to 768 GB of memory will cost \$28,966.40



Companies



<ul style="list-style-type: none">• Netflix• Airbnb• Adobe• Slack• Pfizer• Capital One• Unilever	<ul style="list-style-type: none">• BMW• Samsung• GE Healthcare• Verizon• Pearson• Fujitsu• 3M	<ul style="list-style-type: none">• Spotify• Etsy• Coca-Cola• Home Depot• HSBC• Philips• PayPal	<ul style="list-style-type: none">• Zoom• Box• Cisco• AT&T• Deloitte• Gap• BNP Paribas
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Thanks for reading it.

Don't forget to share it with your friends.



Hina Arora 

