COMPARISON CHART: AWS vs AZURE

How do the Cloud's big players compare? Use our comparison chart to work out the best technology for you

PARAMETERS:	AWS:	AZURE:
LAUNCHED:	2006	2010
MARKET SHARE:	Nearly 40% of global computing market	11% share from worldwide market
AVAILABILITY:	61 available zones	140 available zones
SERVICES:		
STORAGE:	S3; Buckets; EBS; SDB; domains; Easy to use; SQS; CloudFront; AWS import/export	Blob storage; Containers; Azure Drive; Table Storage; Tables; Storage Stats
DATABASES:	MySQL; Oracle; DynamoDB;	MS SQL; SQL Sync
DEPLOYMENT:	Amazon web services; Amazon Machine Instance (AMI); Traditional deployment Models; Fine-grained updates; Elastic Beanstalk; Cloud Formation	Cspkg (fancy zip file); Upload via portal or API via Blob storage; Course grained updates; 'Click to scale'; More magic
NETWORKING:	IP/Elastic IP/ELB; Virtual Private Cloud; Route 53; ELB; Firewall heavily configurable	Automatic IP assignment; Load balancing; Azure Connect; Balancing; Endpoints defined in csdef/cscfg
PRICE:	Per hour (rounded up to the hour)	On-demand reserved spot
PRICING MODELS:	Free Tier; Per Hour; Free Trial per minute; No change for stopped; Pay for EBS volume	Free trial; Per minute
CUSTOMERS:	Adobe; Airbnb; Expedia; Yelp; Nokia; Netflix; Novartis …	Pearson; 3M; Towers Watson; NBC; Essar; Serco …
TYPE OF CLOUD:	Virtual Private Cloud (VPC)	Virtual Network
CONNECTION TYPE:	Direct Connect	ExpressRoute
SUPPORT OF HYBRID CLOUD:	Does not offer the best hybrid cloud support	Integrate onsite servers with Cloud instances
ECOSYSTEM:	AWS has a software marketplace with an extensive partner ecosystem	With very few Linux options, Azure doesn't have a big ecosystem
SUPPORT OF BIG DATA:	EBS storage is ideal for handling Big Data	Standard storage has many issues for Big Data, so you need premium storage
MATURITY:	More mature cloud environment for Big Data	Less mature than AWS for Big Data
MACHINE ACCESS:	In AWS, machines can be accessed separately	Machines grouped into cloud service and respond to the same domain with various ports
KEY FEATURES:	Zero setups; Detail monitoring; auto-scaling groups	Startup friendly, high performance, low cost
LONG TERM DATA ARCHIVING:	Allows long term data archival and retrieval	Does not offer any long term data archiving and retrieval option
SECURITY:	Security is provided using defined roles with permission control feature	Provides security by offering permissions on the whole account