




Features	 vs 		
Compute Services	<ul style="list-style-type: none">■ AWS Beanstalk■ Amazon EC2■ Amazon EC2 Auto-Scaling■ Amazon Elastic Container Registry■ Amazon Elastic Kubernetes Service■ Amazon Lightsail■ AWS Serverless Application Repository■ VMware Cloud for AWS■ AWS Batch■ AWS Fargate■ AWS Lambda■ AWS Outposts■ Elastic Load Balancing	<ul style="list-style-type: none">■ Platform-as-a-service (PaaS)■ Function-as-a-service (FaaS)■ Service Fabric■ Azure Batch■ Cloud Services■ Container Instances Batch■ Azure Container Service (AKS)■ Virtual Machines Compute Engine■ Virtual Machine Scale Sets	<ul style="list-style-type: none">■ App Engine■ Docker Container registry■ Instant Groups■ Compute Engine■ Graphics Processing Unit (GPU)■ Knative■ Kubernetes■ Functions
Storage Services	<ul style="list-style-type: none">■ Simple Storage Service (S3)■ Elastic Block Storage (EBS)■ Elastic File System (EFS)■ Storage Gateway■ Snowball■ Snowball Edge■ Snowmobile	<ul style="list-style-type: none">■ Blob Storage■ Queue Storage■ File Storage■ Disk Storage■ Data Lake Store	<ul style="list-style-type: none">■ Cloud Storage■ Persistent Disk■ Transfer Appliance■ Transfer Service
AI/ML	<ul style="list-style-type: none">■ SageMaker■ Comprehend■ Lex■ Polly■ Rekognition■ Machine Learning■ Translate■ Transcribe■ DeepLens■ Deep Learning AMIs■ Apache MXNet on AWS■ TensorFlow on AWS	<ul style="list-style-type: none">■ Machine Learning■ Azure Bot Service■ Cognitive Services	<ul style="list-style-type: none">■ Cloud Machine Learning Engine■ Dialogflow Enterprise Edition■ Cloud Natural Language■ Cloud Speech API■ Cloud Translation API■ Cloud Video Intelligence■ Cloud Job Discovery (Private Beta)
Database Services	<ul style="list-style-type: none">■ Aurora■ RDS■ DynamoDB■ ElastiCache■ Redshift■ Neptune■ Database migration service	<ul style="list-style-type: none">■ SQL Database■ Database for MySQL■ Database for PostgreSQL■ Data Warehouse■ Server Stretch Database■ Cosmos DB■ Table Storage■ Redis Cache■ Data Factory	<ul style="list-style-type: none">■ Cloud SQL■ Cloud Bigtable■ Cloud Spanner■ Cloud Datastore
Backup Services	Glacier	<ul style="list-style-type: none">■ Archive Storage■ Backup■ Site Recovery	<ul style="list-style-type: none">■ Nearline (frequently accessed data)■ Coldline (infrequently accessed data)
Serverless computing	<ul style="list-style-type: none">■ Lambda■ Serverless Application Repository	Functions	Google Cloud Functions
Strengths	<ul style="list-style-type: none">■ Dominant market position■ Extensive, mature offerings■ Support for large organizations■ Global reach■ Flexibility and a wider range of services	<ul style="list-style-type: none">■ Second largest provider■ Integration with Microsoft tools and software■ Broad feature set■ Hybrid cloud■ Support for open source■ Ideal for startups and developers	<ul style="list-style-type: none">■ Designed for cloud-native businesses■ Commitment to open source and portability■ Flexible contracts■ DevOps expertise■ Most cost-efficient
Networking	Amazon Virtual Private Cloud (VPC)	Azure Virtual Network (VNET)	Cloud Virtual Network
Security	AWS Security Hub	Azure Security Center	Cloud Security Command Center
Location	77 availability zones within 24 geographic regions	Presence in 60+ regions across the world	Presence in 22 regions and 61 zones
Documentation	Best in class	High quality	High quality
Pricing/Discount Options	One-year free trial along with a discount of up to 75% for a 1-3 year commitment	Up to 75% discount for a commitment ranging from one to three years	GCP Credit of \$300 for 12 months apart from a sustained use discount of up to 30%
Caching	Elastic Cache	Redis Cache	Cloud CDN
File Storage	EFS	Azure Files	ZFS and Avere
DNS Services	Amazon Route 53	Azure Traffic Manager	Cloud DNS
Notifications	Amazon Simple Notification Service (SNS)	Azure Notification Hub	None
Load Balancing	Elastic Load Balancing	Load Balancing for Azure	Cloud Load Balancing
Automation	AWS Opsworks	Azure Automation	Compute Engine Management
Compliance	AWS CloudHSM	Azure Trust Center	Google Cloud Platform Security