
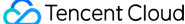












Chinese Public Cloud Services Comparison

Last update: 12.2020

Category	Service	 Alibaba Cloud	 Tencent Cloud	 亚马逊aws	 Azure
Compute	Virtual Server	Elastic Compute Service	Cloud Virtual Machine	Amazon EC2	Virtual Machines
Compute	Bare Metal Server	ECS Bare Metal Instance	-	Amazon EC2 Bare Metal Instance	Azure Bare Metal Servers
Compute	Virtual Dedicated Host	Dedicated Host	CVM Dedicated Host	Dedicated Host	Dedicated Host
Compute	Container Registration Service	Container Registry	Tencent Container Registry	Elastic Container Registry	Container Registry
Compute	Container Managed Service	Container Service for Kubernetes	Elastic Kubernetes Service	Elastic Kubernetes Service	Azure Kubernetes Service
Compute	Container Serverless Service	Elastic Container Instance	Tencent Kubernetes Engine	AWS Fargate	Container Instances
Compute	Serverless Service	Function Compute	Serverless Cloud Function	AWS Lambda	Azure Functions
Compute	Auto Scaling	Auto Scaling	Auto Scaling	Auto Scaling	Azure Autoscale
Compute	Batch Jobs	Batch Compute	Batch Compute	AWS Batch	Azure Batch
Storage	Object Storage	Object Storage Service	Cloud Object Storage	Amazon S3	Azure Blob Storage
Storage	Disk Storage	Block Storage	Cloud Block Storage	Elastic Block Storage	Managed Disks
Storage	File Storage	File Storage NAS	Cloud File Storage	Elastic File System	Azure File Storage

Category	Service	 Alibaba Cloud	 Tencent Cloud	 亚马逊 aws	 Azure
Networking	Content Delivery	Alibaba Cloud CDN	Content Delivery Network	Amazon CloudFront	Azure CDN
Networking	Domain Name Service	Alibaba Cloud DNS	-	Amazon Route 53	Azure DNS
Networking	Virtual Networking	Virtual Private Cloud	Virtual Private Cloud	Amazon VPC	Azure VNet
Networking	Network Gateway	VPN Gateway	VPN Connection	Amazon VPN	Azure VPN Gateway
Networking	Private Connectivity	Express Connect	Direct Connect	AWS Direct Connect	Azure ExpressRoute
Networking	Hybrid Cloud	Cloud Enterprise Network	Cloud Connect Network	AWS Transit Gateway	Azure Traffic Manager
Networking	Load Balancers	Server Load Balancer	Cloud Load Balancer	Elastic Load Balancing	Azure Load Balancer
Database	RDS MySQL Service	ApsaraDB for MySQL	TencentDB for MySQL	Amazon Aurora	Azure Database for MySQL
Database	RDS SQL Service	ApsaraDB for SQL	TencentDB for SQL Server	Amazon RDS	Azure SQL Database
Database	Distributed RDS Service	Distributed RDS	Tencent Distributed SQL	-	-
Database	NoSQL MongoDB Service	ApsaraDB for MongoDB	TencentDB for MongoDB	Amazon DocumentDB	-
Database	NoSQL Cassandra Service	ApsaraDB for Cassandra	-	Amazon Keyspaces	-
Database	Memory Data Store	ApsaraDB for Redis	TencentDB for Redis	Amazon ElastiCache	Azure RedisCache

Category	Service	 Alibaba Cloud	 Tencent Cloud	 亚马逊aws	
Migration Services	Database Migration Service	Data Transmission Service	TencentDB Service for Transmission	AWS Dtabase Migration Service	Azure Database Migration Service
Management Tools	Infrastructure as Code	Resource Orchestration Service	Tencent Cloud Infrastructure as Code	AWS CloudFormation	Azure Resource Manager
Management Tools	Monitoring & Logging	CloudMonitor	Cloud Monitor	Amazon CloudWatch	Azure Monitor
Management Tools	Cloud Management	Alibaba Cloud CLI	Tencent Cloud CLI	AWS CLI	Azure CLI
Security & Identity Compliance	Identity & Access Management	Resource Access Management	Cloud Access Management	AWS Identity and Access Management	Azure Active Directory
Security & Identity Compliance	SSL Service	SSL Certificates Service	SSL Certificate Service	AWS Certificate Manager	Azure Service Certificate
Security & Identity Compliance	Key Management Service	Key Management Service	Key Management Service	Key Management Service	Azure Key Vault
Security & Identity Compliance	Management of Multiple Cloud Accounts	Resource Management	Tencent Cloud Organization	AWS Organizations	Azure Management Groups
Security & Identity Compliance	DDoS Protection Service	Anti-DDoS	Anti-DDoS	AWS Shield	Azure DDoS Protection
Security & Identity Compliance	Web Application Firewall	Web Application Firewall	Web Application Firewall	AWS WAF	Azure WAF
Security & Identity Compliance	Server Protection Service	Security Center	Cloud Workload Protection	-	-
Big Data & Advanced Analytics	Elasticsearch Service	Elasticsearch	Elasticsearch Service	Amazon ElasticSearch Service	Azure Search

Category	Service	 Alibaba Cloud	 Tencent Cloud	 亚马逊aws	
Big Data & Advance Analytics	Big Data Managed Cluster as Service	E-MapReduce	Elastic MapReduce	Amazon Elastic MapReduce	Azure HDInsight
Big Data & Advance Analytics	Data Warehouse	MaxCompute	-	Amazon Redshift	SQL Data Warehouse
Artificial Intelligence	Speech Recognition	Intelligent Speech Interaction	-	Amazon Transcribe	Bing Speech API
Artificial Intelligence	Image Recognition	Image Search	-	Amazon Rekognition	Face API