

Open Telekom Cloud

























Our Services in Comparison

As of 02/25
















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Computing

 Elastic Cloud Server (ECS)	 Virtual Machine	 Compute Engine	 Elastic Compute Cloud (EC2)
 Bare Metal Server (BMS)	 BareMetal Instances	 BareMetal Instances	 EC2 Bare Metal Instances
 Image Management Service (IMS)	 VM Image Builder	 Artifact Registry	 EC2 Image Builder
 Auto Scaling (AS)	 Scale Set	 Managed Instance Group	 Auto Scaling
 Dedicated Host (DeH)	 Dedicated Host	 Sole-Tenant Node	 EC2 Dedicated Host
 Function Graph (FG)	 Azure Functions	 Cloud Functions	 Lambda

Container

 Cloud Container Engine (CCE)	 Kubernetes Service	 Kubernetes Engine	 Elastic Kubernetes Service (EKS)
 Software Repository for Container (SWR)	 Container Registry	 Container Registry	 Elastic Container Registry
 Cloud Container Instance (CCI)	 Azure Container Instances	-/-	 ECS on Fargate
 Application Service Mesh (ASM)	 Azure Service Fabric	 Service Mesh	 AWS App Mesh

































Storage

 Object Storage (OBS)	 Azure Blob Storage	 Cloud Storage	 Simple Storage Service (S3)
 Elastic Volume Service (EVS)	 Azure Disk Storage	 Persistent Disk	 Elastic Block Storage (EBS)
 Scalable File Service (SFS)	 Azure Files	 Filestore	 Elastic File System
 Cloud Backup & Recovery (CBR)	 Azure Backup	 Backup & DR Service	 AWS Backup
 Storage Disaster Recovery Service (SDRS)	 Azure Site Recovery	 Backup & DR Service	 AWS Elastic Disaster Recovery

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Network

 Virtual Private Cloud (VPC)	 Virtual Network	 Virtual Private Cloud	 Virtual Private Cloud
 Elastic Load Balancer (ELB)	 Load Balancing	 Cloud Load Balancing	 Elastic Load Balancing
 Virtual Private Network (VPN)	 VPN Gateway	 Cloud VPN	 VPN
 Direct Connect (DC)	 Express Route	 Cloud Interconnect	 Direct Connect
 Private Link Access Service (PLAS)	 Private Link	 Private Service Connect	 Private Link
 Domain Name Service (DNS)	 DNS	 Cloud DNS	 Route 53
 Enterprise Router (ER)	 Virtual WAN	 Virtual Private Cloud	 AWS Transit Gateway
 NAT Gateway (NATGW)	 Azure NAT Gateway	 Cloud NAT	 VPC NAT Gateway

Security

 Key Management Service (KMS)	 Key Vault	 Key Management Service	 Key Management Service
 Web Application Firewall (WAF)	 Azure WAF	 Cloud Armor	 WAF
 Anti-DDoS	 DDoS Protection	 Cloud Armor	 Shield
 VPC Firewall	 Firewall Manager	 Virtual Private Cloud	 Network Firewall
 Cloud Firewall (CFW)	 Azure Firewall	 Cloud NGFW	 Network Firewall
 Database Security Service (DBSS)	 Defender for Cloud (for Databases)	-/-	 GuardDuty RDS Protection
 Host Security Service (HSS)	 Defender for Cloud (for Server / Containers)	-/-	 GuardDuty/Inspector

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Databases

Relational Database Service (RDS)	SQL Database/ Database for MySQL/ PostgreSQL servers	Cloud SQL	RDS
Distributed Cache Service (DCS)	Cache for Redis	Cloud MemoryStore	ElastiCache
Document Database Service (DDS)	CosmosDB	Cloud Firestore	DocumentDB
Data Replication Service (DRS)	Database Migration Service	Database Migration Service	Database Migration Service
GeminiDB	Managed Instance Apache Cassandra	-/-	Amazon Keyspaces (for Apache Cassandra)
GaussDB (for MySQL)	-/-	-/-	Amazon Aurora
Distributed Database Middleware (DDM)	-/-	-/-	-/-
Data Admin Service (DAS)	-/-	SQL	AWS Management Console

Data Analysis & Artificial Intelligence

Cloud Search Service (CSS)	Cognitive Search	Cloud Search	Elastic Search
ModelArts (MA)	Machine Learning	AutoML	SageMaker
MapReduce Service (MRS)	HDInsight	Cloud DataProc	EMR
Data Ingestion Service (DIS)	Data Factory	Cloud Composer	Data Pipeline
DataArts Studio (DARTS)	Data Factory	DataFlow	AWS Data Pipeline
Data Warehouse Service (DWS)	Synapse Analytics	BigQuery	Redshift
Optical Character Recognition (OCR)	AI Vision	Document AI	Textract
Data Lake Insight (DLI)	Synapse Analytics	Dataproc	Amazon EMR

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Application

Application Operations Management (AOM)	Monitor	Monitoring	CloudWatch
Application Performance Management (APM)	Monitor	-/-	X-Ray
Simple Message Notification (SMN)	Notification Hub	Firebase Cloud Messaging	Simple Notification Service
Distributed Message Service (DMS)	Event Hub	Cloud Pub/Sub	MSK
Dedicated API Gateway (APIG)	APIM	Apigee	-/-

Management

Identity & Access Management (IAM)	Entra ID	Identity & Access Management	Identity & Access Management
Cloud Trace Service (CTS)	Log Analytics	Logging	CloudTrail
Cloud Eye (CES)	Monitor	Monitoring	CloudWatch
Log Tank Service (LTS)	Log Analytics	Logging	CloudTrail
Config	Resource Manager	Resource Manager	Config

Hybrid

OTC Private	Azure Local	Google Distributed Cloud	AWS Outposts
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