



Open Telekom Cloud

Our Services in Comparison

As of 07/24

Open Telekom Cloud



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
FunctionGraph (FG)	Azure Functions	Cloud Functions	AWS 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

Storage

Object Storage (OBS)	Blob Storage	Cloud Storage	Simple Storage Service (S3)
Elastic Volume Service (EVS)	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

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
Database Security Service (DBSS)	Defender for Cloud (Defender for Databases)	-/-	GuardDuty RDS Protection
Host Security Service (HSS)	Defender for Cloud (Defender for Server / Containers)	-/-	GuardDuty / Inspector

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
GaussDB (for Cassandra)	Managed Instance Apache Cassandra	-/-	Amazon Keyspaces (for Apache Cassandra)
GaussDB (for MySQL)	-/-	-/-	-/-
Distributed Database Middleware (DDM)	-/-	-/-	Amazon Aurora

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)	-/-	Document AI	Textract
Data Lake Insight (DLI)	Synapse Analytics	Dataproc	Amazon EMR

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
API Gateway (APIG)	APIM	Apigee	-/-

Management

Identity & Access Management (IAM)	Azure Active Directory	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
Resource Management Service (RMS)	Resource Manager	Resource Manager	Config

Hybrid

OTC Private	Azure Stack HCI	GDC Hosted	AWS Outposts
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