

Open Telekom Cloud

Our Services in Comparison

As of 02/25

Open Telekom Cloud	Azure	Google Cloud	aws
Computing			
Elastic Cloud Server (ECS)	Virtual Machine	Compute Engine	Elastic Compute Cloud (EC2)
Bare Metal Server (BMS)	Bare Metal Instances	Bare Metal 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 (EFS)
Cloud Backup & Recovery (CBR)	Azure Backup	Backup & DR Service	Backup
Storage Disaster Recovery Service (SDRS)	Azure Site Recovery	Backup & DR Service	Elastic Disaster Recovery (DRS)

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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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Open Telekom Cloud**Databases**

Relational Database Service (RDS)	SQL Database/Database for MySQL/PostgreSQL servers	SQL	RDS
Distributed Cache Service (DCS)	Cache for Redis	Cloud Memorystore	ElastiCache
Document Database Service (DDS)	CosmosDB	Firestore	DocumentDB
Data Replication Service (DRS)	Database Migration Service	Database Migration Service	Database Migration Service
GeminiDB	Managed Instance for 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	OpenSearch
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

Open Telekom Cloud**Application**

Application Operations Management (AOM)	Monitor	Monitoring	CloudWatch
Application Performance Management (APM)	Monitor	-/-	X-Ray
Simple Message Notification Service (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	CloudWatch
Config	Resource Manager	Resource Manager	Config

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