

OPEN TELEKOM CLOUD

Our Services in Comparison

As of 11/25

COMPUTING

Open Telekom Cloud	Azure	Google Cloud	aws	OVHcloud	STACKIT	IONOS
Elastic Cloud Server (ECS)	Virtual Machine	Compute Engine	Elastic Compute Cloud (EC2)	Virtual Machines	Compute Engine	Compute Engine
Bare Metal Server (BMS)	BareMetal Instances	BareMetal Instances	EC2 Bare Metal Instances	Metal Instances	-/-	Bare Metal Server
Image Management Service (IMS)	VM Image Builder	Artifact Registry	EC2 Image Builder	Compute > Images	Compute > Images	Compute > Images
Auto Scaling (AS)	Scale Set	Managed Instance Group	Auto Scaling	-/-	-/-	VM 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)	Managed Kubernetes Service (MKS)	Kubernetes Engine (SKE)	Managed Kubernetes
Software Repository for Container (SWR)	Container Registry	Container Registry	Elastic Container Registry	Managed Private Registry (MPR)	Container Registry	Private 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)	Object Storage	Object Storage	Object Storage
Elastic Volume Service (EVS)	Azure Disk Storage	Block Storage	Elastic Block Storage (EBS)	Block Storage	Block Storage	Block Storage
Scalable File Service (SFS)	Azure Files	Filestore	Elastic File System (EFS)	-/-	-/-	Network File Storage
Cloud Backup & Recovery (CBR)	Azure Backup	Backup & DR Service	Backup	Volume Backup	Server Backup Management	Backup Service
Storage Disaster Recovery Service (SDRS)	Azure Site Recovery	Backup & DR Service	Elastic Disaster Recovery (DRS)	-/-	-/-	-/-

NETWORK

Open Telekom Cloud	Azure	Google Cloud	aws	OVHcloud	STACKIT	IONOS
Virtual Private Cloud (VPC)	Virtual Network	Virtual Private Cloud	Virtual Private Cloud	Virtual Network	Network & Security	Private LAN
Elastic Load Balancer (ELB)	Load Balancing	Cloud Load Balancing	Elastic Load Balancing	Loadbalancer	Loadbalancer	Managed Network Load Balancer
Virtual Private Network (VPN)	VPN Gateway	Cloud VPN	VPN	-/-	-/-	VPN Gateway
Direct Connect (DC)	Express Route	Cloud Interconnect	Direct Connect	OVHcloud Connect	-/-	Direct Connect
Domain Name Service (DNS)	DNS	Cloud DNS	Route 53	-/-	DNS	Cloud DNS
Enterprise Router (ER)	Virtual WAN	Virtual Private Cloud	AWS Transit Gateway	-/-	-/-	-/-
NAT Gateway (NATGW)	Azure NAT Gateway	Cloud NAT	VPC NAT Gateway	Gateway	-/-	Managed NAT Gateway

SECURITY

Key Management Service (KMS)	Key Vault	Key Management Service	Key Management Service	Key Management Service	Key Management Service	-/-
Web Application Firewall (WAF)	Azure WAF	Cloud Armor	WAF	-/-	-/-	-/-
Anti-DDoS	DDoS Protection	Cloud Armor	Shield	Anti-DDoS	-/-	DDoS Protect
VPC Firewall	Firewall Manager	Virtual Private Cloud	Network Firewall	-/-	Network & Security	Network Security Groups
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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INTERNET:

open-telekom-cloud.com

CONTACT:

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DATABASES

Open Telekom Cloud	Azure	Google Cloud	aws	OVHcloud	STACKIT	IONOS
Relational Database Service (RDS)	SQL Database/ Database for MySQL/ Database for PostgreSQL	Cloud SQL	Relational Database Service (RDS)	Databases (PostgreSQL and MySQL)	Database (PostgreSQL, Microsoft SQL and MariaDB)	Databases (PostgreSQL and MariaDB)
Distributed Cache Service (DCS)	Cache for Redis	Cloud Memorystore	ElastiCache	ValKey	Redis	In-Memory DB
Document Database Service (DDS)	CosmosDB	Cloud Firestore	DocumentDB	MongoDB	MongoDB Flex	MongoDB
Data Replication Service (DRS)	Database Migration Service	Database Migration Service	Database Migration Service	-/-	-/-	-/-
GeminiDB	Managed Instance for Apache Cassandra	-/-	Amazon Keyspaces (Serverless Apache Cassandra compatible)	-/-	-/-	-/-
TaurusDB	-/-	-/-	Amazon Aurora	-/-	-/-	-/-
Distributed Database Middleware (DDM)	-/-	-/-	-/-	-/-	-/-	-/-
Data Admin Service (DAS)	-/-	-/-	-/-	-/-	-/-	-/-
Oracle-optimized	Oracle Database @Azure	Oracle Database @Google Cloud	Oracle Database @AWS	-/-	-/-	Oracle Database Server
Cloud Search Service (CSS)	Elastic Cloud	Elastic Cloud	OpenSearch	-/-	OpenSearch	-/-
ModelArts (MA)	Machine Learning	Vertex AI Workbench	SageMaker	AI Notebooks, AI Training and AI Deploy	-/-	-/-
MapReduce Service (MRS)	HDInsight	Dataproc	Elastic MapReduce	-/-	-/-	-/-
DataArts Studio (DARTS)	Data Factory	Cloud Composer	Glue	Data Platform	-/-	-/-
Data Warehouse Service (DWS)	Synapse Analytics	BigQuery	Redshift	Data Lakehouse	-/-	-/-
Optical Character Recognition (OCR)	AI Document Intelligence	Document AI	Textract	-/-	-/-	-/-
Data Lake Insight (DLI)	Synapse Analytics	Dataproc	Elastic MapReduce	Analytics Manager	-/-	-/-

DATA ANALYSIS & ARTIFICIAL INTELLIGENCE

APPLICATION

MANAGEMENT

Open Telekom Cloud	Azure	Google Cloud	aws	OVHcloud	STACKIT	IONOS
Application Operations Management (AOM)	Monitor	Monitoring	CloudWatch	-/-	Observability	-/-
Application Performance Management (APM)	Monitor	Trace	X-Ray	-/-	-/-	-/-
Simple Message Notification (SMN)	Notification Hub	Firebase Cloud Messaging	Simple Notification Service	Notification Hub	Observability	-/-
Distributed Message Service (DMS)	Event Hub	Cloud Pub/Sub	MSK	Kafka	RabbitMQ	Event Streams
Dedicated API Gateway (APIG)	APIM	Apigee	-/-	-/-	-/-	API Gateway
Identity & Access Management (IAM)	Entra ID	Identity & Access Management	Identity & Access Management	Identity & Access Management	Identity & Access Management	Identity & Access Management
Cloud Trace Service (CTS)	Log Analytics	Logging	CloudTrail	Service Logs	Logging	Activity Logs
Cloud Eye (CES)	Monitor	Monitoring	CloudWatch	Cloud Monitoring	Observability	Monitoring Service
Log Tank Service (LTS)	Log Analytics	Logging	CloudWatch	Logs Data Platform	LogMe	Logging Service
Config	Resource Manager	Resource Manager	Config	-/-	-/-	-/-
Resource Formation Service (RFS)	Resource Manager	Google Cloud Deployment Manager	Cloud Formation	-/-	-/-	-/-
Tag Management Service (TMS)	Resource Manager	Resource Manager	Management Console	-/-	-/-	-/-

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Disclaimer: Content is for informational purposes only and not intended to serve as substitution for an in-depth analysis of actual services on all platforms. The provided information is as of slide creation date and may contain current or future errors of actual service comparison content.

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