AEGIS

Multi-Cloud Comparison Guide

AWS vs Azure vs GCP service mapping, selection criteria, and when to go multi-cloud

AWS   Azure   GCP   Compare

Core Compute Services

Capability	AWS	Azure	GCP
Virtual Machines	EC2	Virtual Machines	Compute Engine
Containers (Managed)	ECS, EKS	AKS, Container Apps	GKE, Cloud Run
Serverless Compute	Lambda	Azure Functions	Cloud Functions
Container Registry	ECR	Container Registry	Artifact Registry
Batch Processing	AWS Batch	Azure Batch	Batch

Selection Criteria

🔴 AWS

Best For

- Broadest service portfolio
- Mature enterprise adoption
- Complex architectures
- Startup friendly

🔷 Azure

Best For

- Microsoft ecosystem
- Enterprise integration
- Hybrid cloud
- .NET workloads

🟢 GCP

Best For

- Data & ML workloads
- Kubernetes native
- BigQuery analytics
- Developer experience

Data & Analytics Services

Capability	AWS	Azure	GCP
Data Warehouse	Redshift	Synapse Analytics	BigQuery
Data Lake Storage	S3 + Lake Formation	Data Lake Gen2	Cloud Storage
Stream Processing	Kinesis	Event Hubs + Stream Analytics	Dataflow
ETL/ELT	Glue	Data Factory	Dataflow, Dataproc
BI/Visualization	QuickSight	Power BI	Looker

AI/ML Services

Capability	AWS	Azure	GCP
ML Platform	SageMaker	Azure ML	Vertex AI
Pre-built AI APIs	Rekognition, Comprehend	Cognitive Services	Vision AI, Natural Language
LLM/GenAI	Bedrock	Azure OpenAI	Vertex AI + Gemini
AutoML	SageMaker Autopilot	AutoML	Vertex AutoML

Need Help Choosing?

Our cloud architects can help you evaluate options and design
the right cloud strategy for your organization.

Contact Us

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