Decoding Cloud Choices: AWS, Azure, and GCP Face-Off
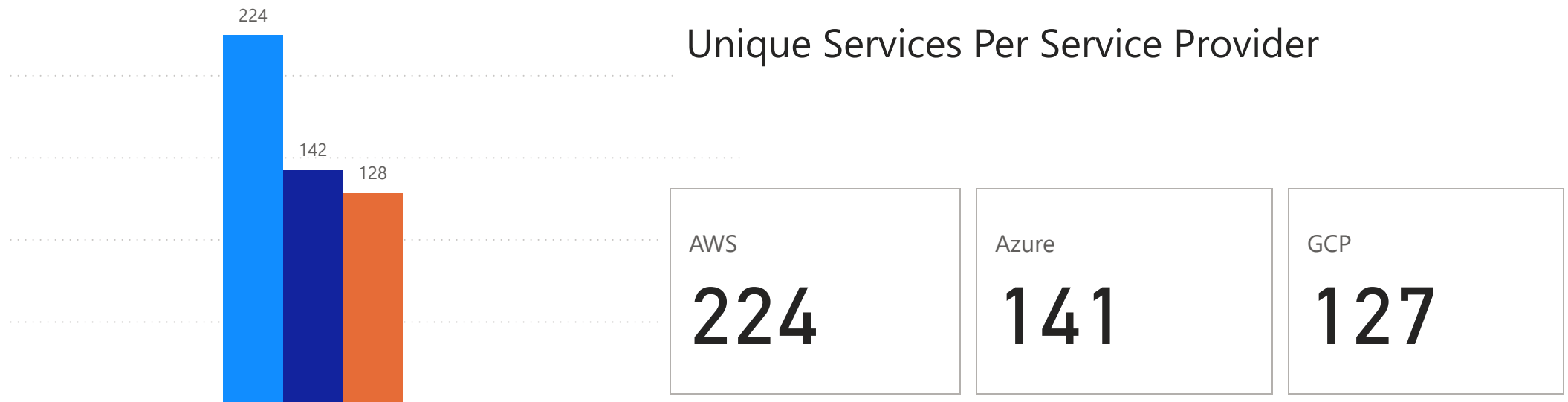
(Based on the data available from cloud providers on 16/08/2024)

Unique Services Per Service Provider

AWS	Azure	GCP
224	141	127

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github:
https://github.com/Nappyzaurus/Decoding-Cloud-Choices

Analytics

AWS	Azure	GCP
19	10	9

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Interactive query service for analyzing data in S3.	Athena	Azure Synapse Analytics	BigQuery
2	Data warehouse service for big data analytics.	Amazon Redshift	Azure Synapse Analytics	BigQuery
3	Managed search service for custom search applications.	CloudSearch	Azure Cognitive Search	Cloud Search
4	Managed service for Elasticsearch and OpenSearch.	Amazon OpenSearch Service	Azure Cognitive Search	Cloud Search
5	Real-time data streaming service.	Kinesis	Azure Event Hubs	Pub/Sub
6	Business intelligence service for data visualization.	QuickSight	Power BI	Looker
7	Orchestrates data movement and transformation.	Data Pipeline	Azure Data Factory	Dataflow
8	Facilitates data sharing and subscription.	AWS Data Exchange	Azure Data Share	Data Exchange
9	Simplifies building secure data lakes.	AWS Lake Formation	Azure Data Lake	BigLake
10	Managed service for Apache Kafka.	MSK	Azure Event Hubs	Pub/Sub
11	Data preparation service for analytics.	AWS Glue DataBrew	Azure Data Factory	Dataflow
12	Data management and analytics for financial services.	Amazon FinSpace	Azure Synapse Analytics	BigQuery
13	Serverless data integration service.	AWS Glue	Azure Data Factory	Dataflow
14	Real-time data delivery to destinations.	Amazon Data Firehose	Azure Event Hubs	Pub/Sub
15	Managed Hadoop framework for big data processing.	EMR	Azure HDInsight	Dataproc
16	Secure data collaboration environment.	AWS Clean Rooms	Azure Synapse Analytics	BigQuery
17	Data management and governance service.	Amazon DataZone	Azure Purview	Data Catalog
18	Resolves and links related data entities.	AWS Entity Resolution	Azure Data Factory	Dataflow
19	Managed service for Apache Flink.	Managed Apache Flink	Azure Stream Analytics	Dataflow

Application Integration

AWS	Azure	GCP
9	6	5

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Orchestrates workflows for serverless applications.	Step Functions	Azure Logic Apps	Cloud Functions
2	Integrates SaaS applications with AWS services.	Amazon AppFlow	Azure Data Factory	Dataflow
3	Managed message broker service.	Amazon MQ	Azure Service Bus	Pub/Sub
4	Managed messaging service for notifications.	Simple Notification Service	Azure Notification Hubs	Pub/Sub
5	Managed message queuing service.	Simple Queue Service	Azure Queue Storage	Pub/Sub
6	Workflow service for coordinating tasks.	SWF	Azure Logic Apps	Cloud Functions
7	Managed workflow orchestration service.	Managed Apache Airflow	Azure Data Factory	Cloud Composer
8	Event bus service for integrating applications.	Amazon EventBridge	Azure Event Grid	Eventarc
9	Facilitates B2B data exchange.	AWS B2B Data Interchange	Azure Logic Apps	Cloud Functions

Blockchain

AWS	Azure	GCP
1	1	0

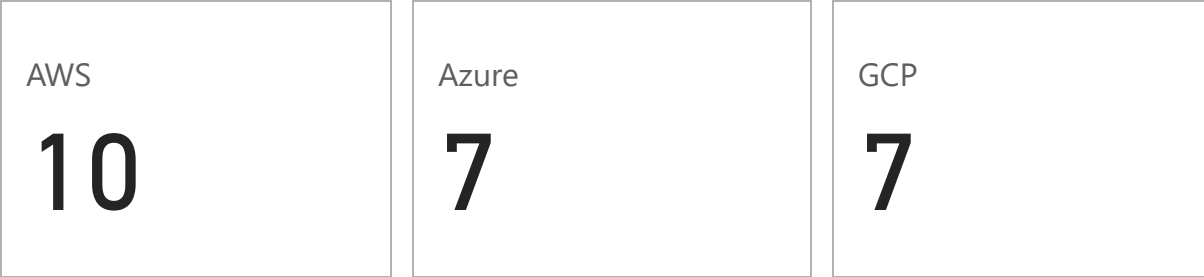| Row_Number	Service Description	AWS Service	Azure Service Name	GCP S
1	Fully managed service for creating and managing blockchain networks.	Amazon Managed Blockchain	Blockchain Service	N/A

Business Applications

AWS	Azure	GCP
12	**7**	**11**

Row_Number ▲	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Cloud-based contact center service.	Amazon Connect	Azure Communication Services	Contact Center AI
2	Communication service for meetings and chat.	Amazon Chime	Microsoft Teams	Google Meet
3	Email sending service.	Amazon Simple Email Service	Azure Communication Services	SendGrid
4	Secure document collaboration service.	Amazon WorkDocs	OneDrive	Google Drive
5	Managed email and calendar service.	Amazon WorkMail	Exchange Online	Gmail
6	Supply chain management service.	AWS Supply Chain	Dynamics 365 Supply Chain Management	Supply Chain Twin
7	Integrates SaaS applications for productivity.	AWS AppFabric	Power Automate	AppSheet
8	Secure messaging and collaboration service.	AWS Wickr	Microsoft Teams	Google Chat
9	SDK for building communication applications.	Amazon Chime SDK	Azure Communication Services	Google Meet SDK
10	Identity verification service.	Amazon One Enterprise	Azure Active Directory	Identity Platform
11	Marketing communication service.	Amazon Pinpoint	Azure Communication Services	Firebase
12	Messaging service for end users.	AWS End User Messaging	Microsoft Teams	Google Chat

Cloud Financial Management

AWS	Azure	GCP
3	2	2

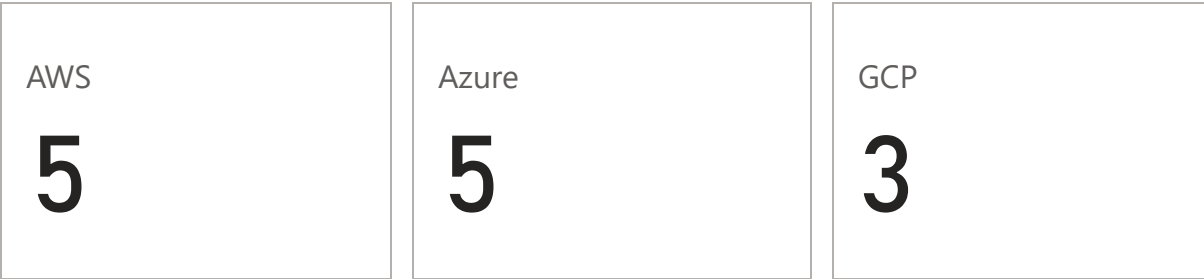| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Online store for buying and selling software.	AWS Marketplace	Azure Marketplace	Google Cloud Marketplace
2	Customizes billing and cost management.	AWS Billing Conductor	Azure Cost Management	Cloud Billing
3	Manages billing and cost optimization.	Billing and Cost Management	Azure Cost Management	Cloud Billing

Compute

AWS	Azure	GCP
10	**7**	**7**

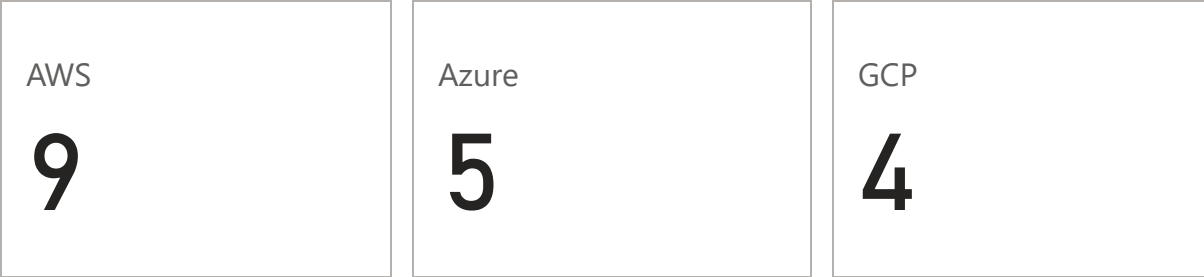| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Virtual servers in the cloud.	EC2	Virtual Machines	Compute Engine
2	Simple virtual private servers.	Lightsail	N/A	N/A
3	Event-driven serverless compute.	Lambda	Functions	Cloud Functions
4	Managed batch processing.	Batch	Batch	Cloud Dataflow
5	Deploy and scale web applications.	Elastic Beanstalk	App Service	App Engine
6	Repository for serverless applications.	Serverless Application Repository	N/A	N/A
7	Extends AWS infrastructure to on-premises.	AWS Outposts	Azure Stack	Dedicated Interconnect
8	Create and maintain machine images.	EC2 Image Builder	Shared Image Gallery	Image Factory
9	Deploy containerized web applications.	AWS App Runner	Web Apps	Cloud Run
10	Large-scale spatial simulations.	AWS SimSpace Weaver	N/A	N/A

Containers

	AWS	Azure	GCP
	4	3	3
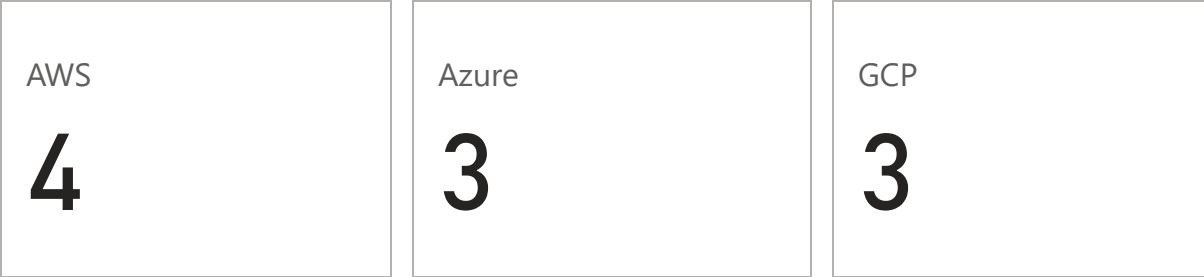
Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Managed container orchestration.	Elastic Container Service (ECS)	Azure Kubernetes Service (AKS)	Google Kubernetes Engine (GKE)
2	Managed Kubernetes service.	Elastic Kubernetes Service (EKS)	Azure Kubernetes Service (AKS)	Google Kubernetes Engine (GKE)
3	Managed OpenShift service.	Red Hat OpenShift Service on AWS (ROSA)	Azure Red Hat OpenShift	Anthos
4	Managed Docker container registry.	Elastic Container Registry (ECR)	Azure Container Registry	Container Registry

Customer Enablement

	AWS	Azure	GCP
	5	**5**	**3**

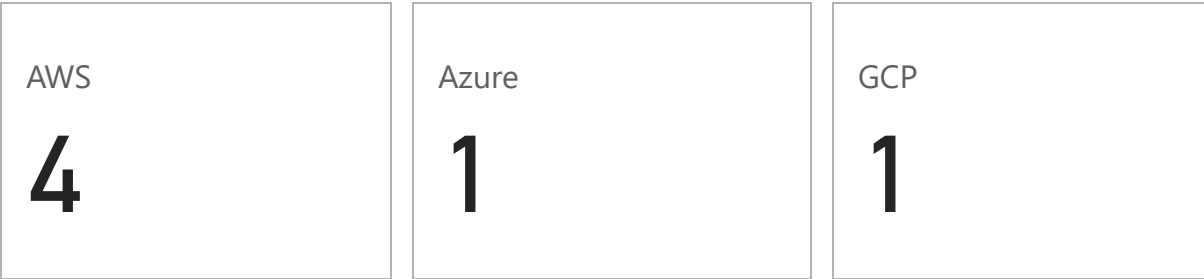| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Connects customers with certified experts.	AWS IQ	Expert MSP	N/A
2	Provides ongoing management of cloud infrastructure.	Managed Services	Managed Services	N/A
3	Resources and support for startups using cloud services.	Activate for Startups	Microsoft for Startups	Google Cloud for Startups
4	Technical support plans for cloud customers.	Support	Support	Cloud Support
5	Community-driven Q&A platform for cloud users.	AWS re:Post Private	Microsoft Q&A	Google Cloud Community

Database

	AWS	Azure	GCP
	9	5	4

Row_Number ▲	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Managed relational database service.	RDS	SQL Database	Cloud SQL
2	In-memory caching service.	ElastiCache	Cache for Redis	Memorystore
3	Managed graph database service.	Neptune	Cosmos DB	Firestore
4	Managed ledger database.	Amazon QLDB	SQL Database Ledger	N/A
5	Managed document database.	Amazon DocumentDB	Cosmos DB	Firestore
6	Managed Cassandra-compatible database.	Amazon Keyspaces	Cosmos DB	Bigtable
7	Managed time series database.	Amazon Timestream	Time Series Insights	Bigtable
8	Managed NoSQL database.	DynamoDB	Cosmos DB	Firestore
9	Redis-compatible in-memory database.	Amazon MemoryDB	Cache for Redis	Memorystore

Developer Tools

AWS	Azure	GCP
15	**12**	**9**
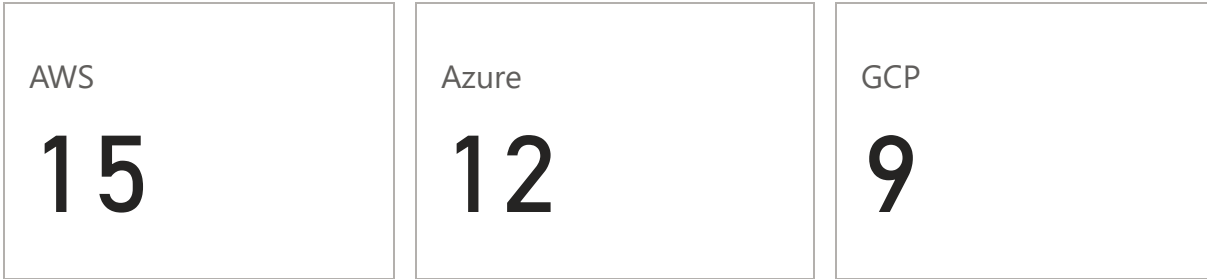
Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Unified interface for managing software development.	CodeStar	Azure DevOps	Cloud Build
2	Managed source control service.	CodeCommit	Azure Repos	Cloud Source Repositories
3	Fully managed build service.	CodeBuild	Azure Pipelines	Cloud Build
4	Automated code deployment service.	CodeDeploy	Azure Pipelines	Cloud Deploy
5	Continuous integration and delivery service.	CodePipeline	Azure Pipelines	Cloud Build
6	Cloud-based integrated development environment.	Cloud9	Visual Studio Online	Cloud Shell
7	Browser-based shell for managing cloud resources.	CloudShell	Azure Cloud Shell	Cloud Shell
8	Debugging and analysis service for applications.	X-Ray	Azure Monitor	Cloud Trace
9	Fault injection service for testing applications.	AWS FIS	Chaos Studio	N/A
10	Artifact repository service.	CodeArtifact	Azure Artifacts	Artifact Registry
11	Unified platform for software development.	Amazon CodeCatalyst	Azure DevOps	Cloud Build
12	Configuration management service.	AWS AppConfig	App Configuration	Config Connector
13	AI-powered code suggestions and developer tools.	Amazon Q Developer (Including Amazon CodeWhisperer)	Azure AI	AI Platform
14	Visual tool for building serverless applications.	Application Composer	Logic Apps	Cloud Functions
15	Integrated development environment for building applications.	AWS App Studio	Visual Studio	Cloud Shell

End User Computing

	AWS	Azure	GCP
	4	1	1

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Managed virtual desktop service.	WorkSpaces	Azure Virtual Desktop	Cloud Workstations
2	Application streaming service.	AppStream 2.0	Azure Virtual Desktop	Cloud Workstations
3	Secure browser for accessing web applications.	WorkSpaces Secure Browser	Azure Virtual Desktop	Cloud Workstations
4	Lightweight client for accessing virtual desktops.	WorkSpaces Thin Client	Azure Virtual Desktop	Cloud Workstations

Game Development

	AWS	Azure	GCP
	1	**1**	**1**

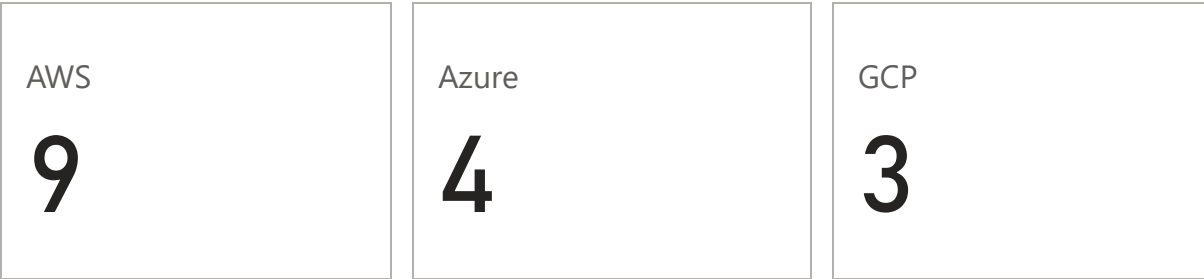| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Managed service for deploying and scaling game servers.	Amazon GameLift	Azure PlayFab	Game Servers

Front-end Web & Mobile

AWS	Azure	GCP
4	4	4

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Develops and deploys web and mobile applications.	AWS Amplify	Azure Static Web Apps	Firebase
2	GraphQL service for real-time data queries.	AWS AppSync	Azure API Management	GraphQL API
3	Tests mobile and web applications on real devices.	Device Farm	Azure DevTest Labs	Firebase Test Lab
4	Adds location data to applications.	Amazon Location Service	Azure Maps	Google Maps Platform

Internet of Things

AWS	Azure	GCP
9	4	3

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Analyzes IoT data.	IoT Analytics	Azure IoT Central	Cloud IoT Core
2	Secures IoT devices.	IoT Device Defender	Azure IoT Central	Cloud IoT Core
3	Manages IoT devices.	IoT Device Management	Azure IoT Central	Cloud IoT Core
4	Runs IoT applications locally.	IoT Greengrass	Azure IoT Edge	Cloud IoT Edge
5	Collects and analyzes industrial IoT data.	IoT SiteWise	Azure IoT Central	Cloud IoT Core
6	Connects IoT devices to the cloud.	IoT Core	Azure IoT Hub	Cloud IoT Core
7	Detects and responds to IoT events.	IoT Events	Azure IoT Central	Cloud IoT Core
8	Collects and transfers vehicle data to the cloud.	AWS IoT FleetWise	Azure IoT Central	Cloud IoT Core
9	Creates digital twins of physical systems.	IoT TwinMaker	Azure Digital Twins	Digital Twin

Machine Learning

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Builds, trains, and deploys machine learning models.	Amazon SageMaker	Azure Machine Learning	AI Platform
2	Adds human review to machine learning predictions.	Amazon Augmented AI	Azure Machine Learning	AI Platform
3	Provides code reviews and performance recommendations.	Amazon CodeGuru	Azure DevOps	Cloud Code
4	Detects and resolves operational issues using ML.	Amazon DevOps Guru	Azure Monitor	Cloud Operations
5	Analyzes text for insights and relationships.	Amazon Comprehend	Azure Text Analytics	Cloud Natural Language
6	Generates accurate forecasts using machine learning.	Amazon Forecast	Azure Machine Learning	AI Platform
7	Detects online fraud using machine learning.	Amazon Fraud Detector	Azure Fraud Detection	AI Platform
8	Enterprise search service powered by machine learning.	Amazon Kendra	Azure Cognitive Search	Cloud Search
9	Provides personalized recommendations.	Amazon Personalize	Azure Personalizer	Recommendations AI
10	Converts text to lifelike speech.	Amazon Polly	Azure Speech Service	Text-to-Speech
11	Analyzes images and videos for objects and scenes.	Amazon Rekognition	Azure Computer Vision	Vision AI
12	Extracts text and data from documents.	Amazon Textract	Azure Form Recognizer	Document AI
13	Converts speech to text.	Amazon Transcribe	Azure Speech Service	Speech-to-Text
14	Translates text between languages.	Amazon Translate	Azure Translator	Translation AI
15	AI-powered music composition.	AWS DeepComposer	Azure AI	AI Platform
16	Autonomous racing car driven by reinforcement learning.	AWS DeepRacer	Azure AI	AI Platform
17	Adds computer vision to on-premises cameras.	AWS Panorama	Azure Percept	Vision AI
18	Predictive maintenance using machine learning.	Amazon Monitron	Azure IoT Central	Cloud IoT
19	Aggregates and analyzes health data.	AWS HealthLake	Azure Health Data Services	Cloud Healthcare API
20	Detects anomalies in images.	Amazon Lookout for Vision	Azure Anomaly Detector	Vision AI
21	Detects equipment anomalies using machine learning.	Amazon Lookout for Equipment	Azure IoT Central	Cloud IoT
22	Detects anomalies in metrics.	Amazon Lookout for Metrics	Azure Anomaly Detector	AI Platform
23	Builds conversational interfaces using voice and text.	Amazon Lex	Azure Bot Service	Dialogflow
24	Analyzes medical text for insights.	Amazon Comprehend Medical	Azure Text Analytics for Health	Cloud Healthcare API
25	Analyzes genomic data.	AWS HealthOmics	Azure Genomics	Cloud Life Sciences
26	Foundation for building and deploying AI models.	Amazon Bedrock	Azure AI	AI Platform
27	Analyzes medical images.	AWS HealthImaging	Azure Health Data Services	Cloud Healthcare API
28	AI-powered business insights.	Amazon Q	Azure AI	AI Platform
29	AI-powered business insights for enterprises.	Amazon Q Business	Azure AI	AI Platform

AWS
29

Azure
19

GCP
15

Management & Governance

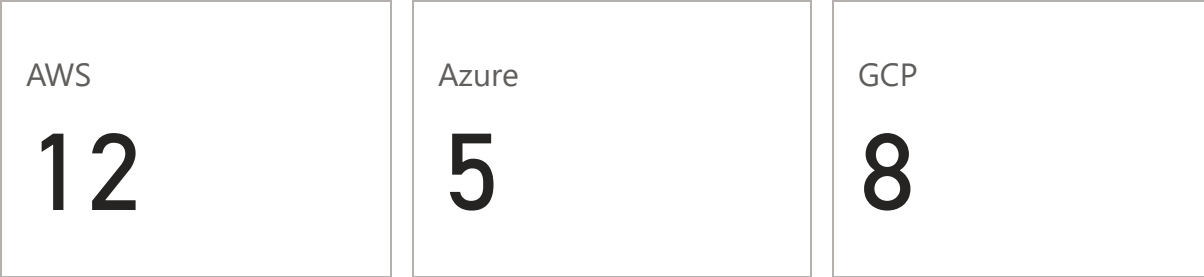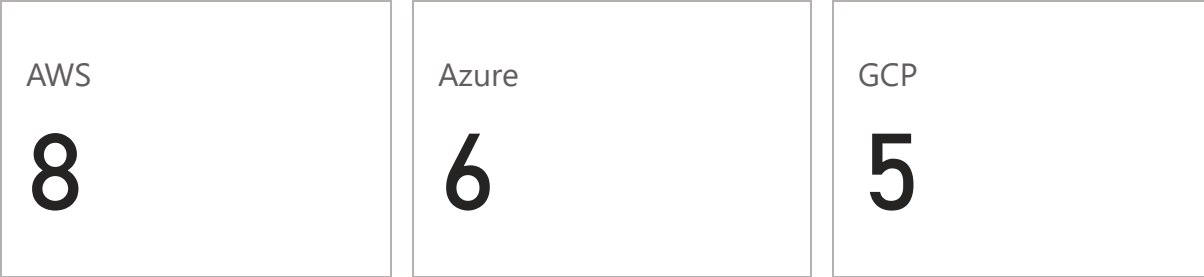| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Central management of multiple cloud accounts.	AWS Organizations	Azure Management Groups	Cloud Resource Manager
2	Monitoring and observability service for cloud resources.	CloudWatch	Azure Monitor	Cloud Monitoring
3	Automatically adjusts capacity to maintain performance.	AWS Auto Scaling	Azure Autoscale	Autoscaler
4	Infrastructure as code service for cloud resources.	CloudFormation	Azure Resource Manager	Deployment Manager
5	Tracks cloud resource configurations and changes.	AWS Config	Azure Policy	Config Connector
6	Configuration management service for automating operations.	OpsWorks	Azure Automation	Cloud Deployment Manager
7	Manages approved catalogs of cloud resources.	Service Catalog	Azure Service Catalog	Service Catalog
8	Unified interface for managing cloud resources.	Systems Manager	Azure Automation	Cloud Operations
9	Provides real-time guidance to help optimize cloud environments.	Trusted Advisor	Azure Advisor	Google Cloud Advisor
10	Sets up and governs a secure, multi-account cloud environment.	Control Tower	Azure Blueprints	Cloud Foundation Toolkit
11	Reviews and improves cloud architectures.	AWS Well-Architected Tool	Azure Well-Architected Review	Google Cloud Architecture Framework
12	ChatOps service for monitoring and interacting with cloud resources.	AWS Chatbot	Azure Bot Service	Dialogflow
13	Simplifies deployment of enterprise applications.	Launch Wizard	Azure Quickstart Templates	Deployment Manager
14	Recommends optimal cloud resources for workloads.	AWS Compute Optimizer	Azure Advisor	Recommender
15	Organizes and manages cloud resources using tags.	Resource Groups & Tag Editor	Azure Resource Groups	Resource Manager
16	Managed service for Grafana dashboards.	Amazon Grafana	Azure Managed Grafana	Managed Service for Grafana
17	Managed service for Prometheus metrics.	Amazon Prometheus	Azure Monitor	Managed Service for Prometheus
18	Helps design and validate resilient applications.	AWS Resilience Hub	Azure Site Recovery	Disaster Recovery
19	Manages and resolves incidents impacting cloud resources.	Incident Manager	Azure Monitor	Incident Response
20	Manages software licenses across cloud and on-premises environments.	AWS License Manager	Azure License Management	License Manager
21	Manages cloud service quotas and limits.	Service Quotas	Azure Quota Management	Quota Management
22	Manages deployment of container and serverless applications.	AWS Proton	Azure DevOps	Cloud Build
23	Tracks user activity and API usage across cloud services.	CloudTrail	Azure Activity Log	Cloud Audit Logs
24	Search and discover cloud resources across accounts.	AWS Resource Explorer	Azure Resource Graph	Resource Manager
25	Centralized notifications for cloud services.	AWS User Notifications	Azure Notification Hubs	Cloud Pub/Sub
26	Provides alerts and remediation guidance for cloud events.	AWS Health Dashboard	Azure Service Health	Google Cloud Status Dashboard
27	Simplifies the deployment and management of telecom networks.	AWS Telco Network Builder	Azure for Operators	N/A

AWS
27

Azure
23

GCP
24

Media Services

	AWS	Azure	GCP
	12	5	8

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Streams video from connected devices to the cloud.	Kinesis Video Streams	Azure Media Services	Video Intelligence API
2	Converts media files into various formats.	MediaConvert	Azure Media Services	Transcoder API
3	Broadcasts live video streams.	MediaLive	Azure Media Services	Live Stream API
4	Prepares and protects video for delivery.	MediaPackage	Azure Media Services	Media CDN
5	Stores and serves media content.	MediaStore	Azure Blob Storage	Cloud Storage
6	Personalizes video content with targeted ads.	MediaTailor	Azure Media Services	Video Stitcher API
7	On-premises video processing and delivery.	Elemental Appliances & Software	Azure Stack Edge	N/A
8	Converts media files for playback on various devices.	Elastic Transcoder	Azure Media Services	Transcoder API
9	Creative studio in the cloud for content creation.	Nimble Studio	Azure Virtual Desktop	Cloud Workstations
10	Securely transports live video streams.	MediaConnect	Azure Media Services	Live Stream API
11	Builds interactive live video experiences.	Amazon Interactive Video Service	Azure Media Services	Live Stream API
12	Manages render workloads in the cloud.	AWS Deadline Cloud	Azure Batch	Cloud Render

Migration & Transfer

	AWS	Azure	GCP
	8	6	5

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Centralized tracking of migration projects.	AWS Migration Hub	Azure Migrate	Migrate for Compute Engine
2	Simplifies application migration to the cloud.	AWS Application Migration Service	Azure Migrate	Migrate for Anthos
3	Identifies on-premises application dependencies.	Application Discovery Service	Azure Migrate	Migrate for Compute Engine
4	Migrates databases to the cloud securely.	Database Migration Service	Database Migration Service	Database Migration Service
5	Transfers files into and out of cloud storage.	AWS Transfer Family	Azure Blob Storage	Storage Transfer Service
6	Physical devices for data transfer to the cloud.	AWS Snow Family	Azure Data Box	Transfer Appliance
7	Moves large amounts of data online.	DataSync	Data Factory	Storage Transfer Service
8	Modernizes mainframe workloads for the cloud.	AWS Mainframe Modernization	Azure Modernization Center	N/A

Networking & Content Delivery

	AWS		Azure		GCP
	10		10		9

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Isolated cloud resources in a virtual network.	VPC	Virtual Network	Virtual Private Cloud
2	Content delivery network service.	CloudFront	Azure CDN	Cloud CDN
3	Scalable DNS and domain name registration.	Route 53	Azure DNS	Cloud DNS
4	Managed service for creating and managing APIs.	API Gateway	API Management	API Gateway
5	Dedicated network connection to the cloud.	Direct Connect	ExpressRoute	Dedicated Interconnect
6	Service mesh for microservices.	AWS App Mesh	Azure Service Fabric Mesh	Anthos Service Mesh
7	Improves availability and performance of applications.	Global Accelerator	Front Door	Cloud Load Balancing
8	Service discovery for cloud resources.	AWS Cloud Map	Service Fabric	Service Directory
9	Ensures application recovery across regions.	Route 53 Application Recovery Controller	Traffic Manager	Traffic Director
10	Private 5G network service.	AWS Private 5G	Private 5G Core	N/A

Quantum Technologies

AWS	Azure	GCP
1	1	1

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Quantum computing service for exploring and running quantum algorithms.	Amazon Braket	Quantum	Quantum Computing Service

Robotics

AWS	Azure	GCP
1	1	1

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Develops, tests, and deploys robotics applications.	AWS RoboMaker	IoT Hub	Cloud Robotics

Satellite

AWS	Azure	GCP
1	1	0

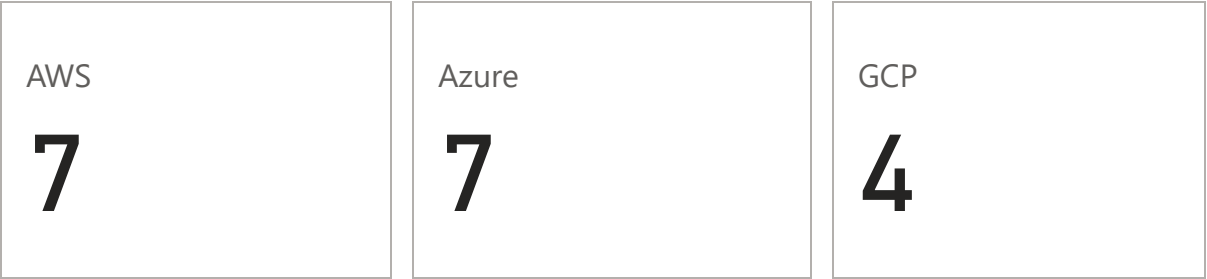| Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Fully managed service for satellite communications.	Ground Station	Orbital	N/A

Security, Identity, & Compliance

	AWS	Azure	GCP
	23	**15**	**15**

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Manages resource sharing across accounts.	Resource Access Manager	Azure Resource Manager	Resource Manager
2	Provides user authentication and authorization.	Cognito	Azure AD B2C	Identity Platform
3	Manages and retrieves secrets securely.	Secrets Manager	Azure Key Vault	Secret Manager
4	Threat detection service for monitoring malicious activity.	GuardDuty	Azure Security Center	Security Command Center
5	Automated security assessment service.	Amazon Inspector	Azure Security Center	Security Command Center
6	Data security and privacy service using machine learning.	Amazon Macie	Azure Information Protection	Data Loss Prevention
7	Centralized identity management for AWS accounts.	IAM Identity Center	Azure Active Directory	Identity and Access Management
8	Manages SSL/TLS certificates.	Certificate Manager	Azure Key Vault	Certificate Authority Service
9	Manages encryption keys for data security.	Key Management Service	Azure Key Vault	Cloud Key Management
10	Hardware security module for managing cryptographic keys.	CloudHSM	Azure Dedicated HSM	Cloud HSM
11	Managed Microsoft Active Directory in the cloud.	Directory Service	Azure Active Directory Domain Services	Managed Microsoft AD
12	Web application firewall and DDoS protection.	WAF & Shield	Azure Web Application Firewall	Cloud Armor
13	Centralized management of firewall rules.	AWS Firewall Manager	Azure Firewall Manager	Firewall Rules
14	Provides access to compliance reports and agreements.	AWS Artifact	Azure Compliance Manager	Compliance Reports
15	Investigates and analyzes security issues.	Detective	Azure Sentinel	Security Command Center
16	Digital signature service for code signing.	AWS Signer	Azure SignTool	Cloud KMS
17	Private CA for managing certificates.	AWS Private Certificate Authority	Azure Key Vault	Certificate Authority Service
18	Centralized security management and compliance.	Security Hub	Azure Security Center	Security Command Center
19	Automates evidence collection for audits.	AWS Audit Manager	Azure Compliance Manager	Compliance Reports
20	Centralized security data lake for analysis.	Security Lake	Azure Data Lake	BigQuery
21	Fine-grained access control for applications.	Amazon Verified Permissions	Azure Role-Based Access Control	Identity and Access Management
22	Manages cryptographic keys for payment processing.	AWS Payment Cryptography	Azure Key Vault	Cloud KMS
23	Manages access to AWS resources.	IAM	Azure Active Directory	Identity and Access Management

Storage

AWS	Azure	GCP
7	7	4

Row_Number	Service Description	AWS Service	Azure Service Name	GCP Service Name
1	Scalable cloud storage.	S3	Blob Storage	Cloud Storage
2	Managed file storage for EC2.	EFS	Azure Files	Filestore
3	Managed third-party file systems.	FSx	Azure NetApp Files	Filestore High Scale tier
4	Low-cost archive storage.	S3 Glacier	Archive Blob Storage	Cloud Storage Archive, Cloud Storage Coldline
5	Hybrid cloud storage access.	Storage Gateway	StorSimple	Filestore
6	Centralized backup service.	AWS Backup	Backup	N/A
7	Disaster recovery service.	AWS Elastic Disaster Recovery	Site Recovery	N/A