$\underline{AWS-GCP-AZURE\ Equivalents\ 2023-adopted\ from\ GCP\ Documentation}$ https://cloud.google.com/docs/get-started/aws-azure-gcp-service-comparison

Ann. Control Ann. Control Ann. Control Ann.						
And Configuration COCCO Control State Control St	Service category	Service type		Azure offering	Google Cloud product	Google Cloud product description
Secretarian and Control (Secretarian) Processes and Control (Secre	App modernization	CI/CD	CodePipeline	Azure DevOps, GitHub Enterprise	Cloud Build	Build, test, and deploy on Google Cloud serverless CI/CD platform
Service (SRS) Workstrate Workstra	App modernization	CI/CD		Azure DevOps	Google Cloud Deploy	Deliver continuously to Google Kubernetes Engine and Anthos.
Sem monomissation of Multi-Board (Miles September 1997) About Board (Miles Miles Mil	App modernization	Execution Control	Service (SNS)		Cloud Tasks	
Authorition	App modernization	Multi-cloud	Amazon EKS Anywhere, Amazon ECS Anywhere, AWS Outposts	Azure Arc	Anthos	Migrate directly from VMs, build, deploy, and optimize apps on GKE, Anthos serverless landing zones and VMs anywhere—simply, flexibly, and securely
April Commission April Commi	App modernization	Multi-cloud	Amazon EKS Anywhere		Anthos Clusters	Extend GKE to work in multiple environments, including attached clusters, AWS, Azure, bare metal, and VMWare.
Mathematical Politicistics Mathematical Politics Mathematical Politicistics Mathematical Politi	App modernization	Multi-cloud	AWS Systems Manager	Azure App Configuration	Anthos Config Management	Automate policy and security at scale for your hybrid and multi-cloud Kubernetes deployments.
More Consequence (April Department of the Consequence of the Consequen	App modernization	Multi-cloud	AWS Controllers for Kubernetes	Azure Service Operator	Config Connector	Manage Google Cloud resources through Kubernetes.
March contentations	App modernization	Multi-cloud	AWS Bottlerocket	Azure Container Instances	Container-Optimized OS	Efficiently and securely run Docker containers on Compute Engine VMs.
Authorities discovered by Authorities of Service meth Service method Servi	App modernization	Multi-cloud	AWS Outposts	Azure Stack	Google Distributed Cloud	Extend Google Cloud's infrastructure and services to the edge and your data centers.
For monocrassants Service meth Anguart VPC	App modernization	Multi-cloud	AWS Direct Connect	Azure Express Route	Hybrid Connectivity	Connect your infrastructure to Google Cloud on your terms, from anywhere.
Severe mesh Severe mesh Severe mesh Severe S	App modernization	Multi-cloud serverless			Cloud Run for Anthos	Flexible serverless development for multicloud environments.
As M. M. platform Annual Year Company (Fig. 2) As M. M. Description of the Company of the Compa	App modernization	Service mesh	AWS App Mesh	Azure Service Fabric	Anthos Service Mesh	Simplify, manage, and secure complex microservices architectures with this fully managed service.
As N. M. Obus des repetitiones de la contraction	App modernization	Service mesh	Amazon VPC	Azure VPN Gateway	Cloud Router	Dynamically exchange routes between your Virtual Private Cloud (VPC) and on-premises networks by using Border Gateway Protocol (BGP).
As A.M. Deverous interface Amazon Les Anze Conventional A II Abadique Melle conventational A lab shall with state-of-the or stratul agrees. As A.M. In singe recognition Amazon Relogation image As A.M. In the Company Vision I Advantage Amazon Relogation image As A.M. In Service deal Amazon Relogation image As A.M. In the Company Vision I Advantage As A.M. In Service deal Amazon Relogation image As A.M. In the Service deal Amazon Relogation image As A.M. In the Service deal Amazon Supplicable Association Supplicable Associat	App modernization	Service mesh		Istio in Azure Kubernetes Service		Quickly create GKE clusters with all the components you need to create and run an Istio service mesh in a single step.
M. A.M. M. No. No. No. No. No. No. No. No. No. No		Cloud cost optimization	AWS Cost Optimization	Azure Cost Management		
No. 10 May 10 Ma						
At & M. L. For structured data. At & M. L. For structured data. At & M. M. Le structured data. Annual Segethater.	AI & ML	Document understanding	Amazon Textract	Azure Form Recognizer	Document AI	
A & M. M. Electron Supplication Amounts Supplication Amounts Supplication Amounts Supplication S	AI & ML	Image recognition	Amazon Rekognition Image	Azure Computer Vision		Derive insights from your images in the cloud or at the edge, or use pre-trained Vision API models to detect emotion, understand text, and more.
M.A. M.L. M. platform Amazon SagoMaker Aure Delatericks Ferset-Place Enterprise Control of the C					models	
AL M. M. Platform Amazon SageMaker Autoplot Autor Cognitive Services Vertex A Justice Immediate Internating models at scale, to local your trained model in the cloud, and to use your model to prediction study of the mediate in the common stage of			Amazon SageMaker, Amazon EC2 P3	Azure Data Science Virtual Machines	Deep Learning VM Images	Preconfigured VMs for deep learning applications.
Al & ML M. platform Amazon Signifished Autoplot N. Azur Comprise Services Version AutoM. models Train high-quality custom machine learning models with minimal effort and machine learning expertises. A six ML M. M. platform Amazon Signifished Autoprofit N. Azur Whichine Learning Version A Jacobin Train high-quality custom machine learning models and train them with the power and flexibility of Tensor Paws, social-learn, XII. Azur N. M. platform Amazon Signifished Autor Netebooks Version Automation and the power and flexibility of Tensor Paws, social-learn, XII. Azur N. M. platform Amazon Signifished Autor Netebooks Version	AI & ML	ML platform	Tensorflow on AWS	Azure Databricks	TensorFlow Enterprise	Reliability and performance for AI applications with enterprise-grade support and managed services.
As & M. L. M., platform Anazor SageMaker Azure Machine Learning Vertex. Al custom training Vertex. Al custom training vertex Al custom training and custom containers. As & M. L. M., platform Anazor SageMaker Azure Notabooks Vertex. Al Visionbornin Vertex. Al custom-trained models so that you can send them precision requests with the power and Recolability of Tensor October Azure Notabooks Vertex. Al Vivorbornin Vertex. Al Custom-trained Models of that you can send them precision requests with the power and Recolability of Tensor SageMaker Azure Notabooks Vertex. Al Vivorbornin Vertex. Al V	AI & ML	ML platform	Amazon SageMaker	Azure Al Platform	Vertex Al	Train your machine learning models at scale, to host your trained model in the cloud, and to use your model to make predictions about new data.
A & M. M. platform Amazon Signelasker Azure Patform Noviem Computer A Margon Signelasker Azure Noviem Margon Signelasker N	AI & ML	ML platform	Amazon SageMaker Autopilot	Azure Cognitive Services	Vertex AI AutoML models	Train high-quality custom machine learning models with minimal effort and machine learning expertise.
All M. M. platform Amazon SuperMaker Azure Vocabooks Vertex Al Workbersh Proceedings Societies and A SGB000st. All M. Natural language processing Amazon Comprehend Azure Text Analytics Natural Language A Dever Insights from unstructured text using Google machine learning. All M. Natural language processing Amazon Comprehend Azure Text Analytics Natural Language A Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. Natural Language P Dever Insights from the structure of text using Google machine learning. All M. M. Turstation Analogo Translate Autre Video Independent P Dever Insights of the	AI & ML	ML platform	Amazon SageMaker	Azure Machine Learning	Vertex AI custom training	Host your machine learning models and train them with the power and flexibility of TensorFlow, scikit-learn, XGBoost, and custom containers.
All & M. Natural language processing Amazino Comprehend Azure Personalizer Recommendations Al Deliver Institute devi using Google machine learning. All & M. Personalization Amazino Personalizer Azure Personalizer Recommendations Al Deliver Institute devi using Google machine learning. All & M. Personalization Amazino Personalizer Azure Personalizer Personalizer Personalizer group (Amazino Comprehend Amazino Personalizer Azure Personalizer Personalizer group (Amazino Comprehend Amazino Personalizer group (Amazino Personalizer group) (Amazino Personalizer) (Amazin	AI & ML	ML platform	Amazon SageMaker	Azure Al Platform		
A & M. M. Speech recognition Anazon Transactive Aurer Personalizer Aurer Personalizer Aurer Speech to Text Speech		•	-			frameworks in a single click.
All M. Speech recognition Amazon Transcribe Aure Speech to Text Speech Text Accurately convert speech into text using an API powered by Google's All echnologies. All M. Speech Symbes Amazon Polly Aure Text of Speech Text-to-Speech			· · · · · · · · · · · · · · · · · · ·	,		
Al & ML Al						
Al & ML Video intelligence Anazon Translation Al & ML Video intelligence Anazon Rekognition Video Anazon Rekognition Video Anazon Rekognition Video Azure Video indexer Video intelligence API Video intellige						
At & M.L. Video Intelligence API Video Intell			,	·		
Backup & DR SaaS AWS Resillance Hub Azure Backup and Disaster Recovery Compute Core compute Core compute Core compute Amazon Elastic Compute (Core compute AWS UltraClusters Azure Writual Machines Compute Core compute Core compute Core compute Core compute AWS EC2 Autoscaling AZURE Actification AZURE Actification AZURE Actification AZURE Actification AZURE Actification Compute Core compute Core compute AWS UltraClusters AZURE Writual Machines Compute Core compute Core compute AWS EC2 Autoscaling AZURE Actification AZURE Writual Machines Compute Core compute AWS EC2 Autoscaling AZURE Actification AZURE Writual Machines Compute Core compute AWS EC2 Autoscaling AZURE Actification AZURE Writual Machines Compute Core compute AWS EC2 Autoscaling AZURE Actification AZURE Writual Machines Compute Engine Autoscaler Compute Core compute AMS EC2 Autoscaling AMS EC2 Instance Cornect AZURE Actification AZURE Actification AZURE Actification Compute Core compute Amazon Elastic Block Store (EBS) AZURE Wintal Machines Compute Core compute Amazon Elastic Block Store (EBS) AZURE Wintal Machines AZURE Actification AZURE Actifica	AI & ML	Translation	Amazon Translate	Azure Translator	Translation Al	
Seas National Season (Not Researcher But Designer Recovery) Compute Core compute Amazon Elastic Compute Cloud (EC2) P3 GPU Optimized VMs Cloud GPUs Train and run machine learning models faster than before. Compute Core compute AWS UtraClusters Azure Virtual Machines Compute Core compute AWS EC2 Autoscaling Azure Virtual Machines Compute Core compute AWS EC2 Autoscaling Azure Virtual Machines Compute Core compute AWS EC2 Autoscaling Azure Virtual Machines Compute Core compute AWS EC2 Autoscaling Azure Virtual Machines Compute Core compute AwS EC2 Autoscaling Azure Autoscale, Azure Virtual Machines Compute Core compute Amazon EC2 Instance Connect Scale Sets OS Login Automatically add or delete VM instances from a managed instance group (MIG) based on increases or decret accordance of Compute Core compute Amazon EC2 Instance Connect Azure Bastion SSH from the browser Compute Core compute AwS EC2 Instance Connect Azure Bastion SSH from the browser Compute Core compute AwS EC2 Instance Connect Azure Bastion SSH from the browser Compute Core compute AwS Systems Manager Azure Dedicated Host Azure App Service App Engine Build highly scalable applications on a fully managed serverless platform. Compute PaaS AWS Lambda, AWS Fargate, AWS App Runner Azure App Service App Engine Build highly scalable applications on a fully managed serverless platform. Compute PaaS Amazon Elastic Container Registry Amazon Elastic Container Service (ECS) Azure Container Registry Amazon Bastic Container Service (ECS) Amazon Blastic Container Registry (ECR) Azure Container Registry Artifact Registry Artifact Registry Artifact Registry Store, manage, and secure your container images. Containers Container Registry Amazon GameLift Azure for Gaming Game Servers Deleve sealers multiple for a facility of the development process and then enforce signature Service (ECS) Amazon GameLift Azure for Gaming	AI & ML	Video intelligence	Amazon Rekognition Video	Azure Video Indexer	Video Intelligence API	your specific needs.
Compute Core compute AWS UtraClusters Azure Virtual Machines Compute Compute Core compute Amazon Elastic Compute Colud (EC2) Azure Virtual Machines Compute Engine Accelerate your digital etarnsformation which high-performance VMs. Automatically add or delete VM instances from a managed instance group (MIG) based on increases or decret load. Automatically add or delete VM instances using IAM without having to create and manage dinstance group (MIG) based on increases or decret load. Compute Core compute Amazon Ec2 Instance Connect Scale Sets Compute Core compute Amazon Elastic Block Store (EBS) Azure Managed Disks Persistent Disk Reliable, high-performance block storage for VM instances using IAM without having to create and manage individual SSH keys. Compute Core compute Core compute Core compute AWS Systems Manager AWS Systems Manager AWS Systems Manager AMS Manager AMS Manager AMS Manager Amazon Elastic Block Store (EBS) Azure Basion AWS Systems Manager AMS Manager AMS Manager AMS Manager Amazon Elastic Compute Engine virtual machine (VM) fleets running Windows and Linux on Compute Engine. Compute Dedicated VMS Amazon Elastic Aws App Runner Compute PaaS AWS Lambda, AWS App Runner Compute PaaS AWS Lambda, AWS Fargate, AWS App Runner Compute Windows connectivity Vivarer Colud on AWS Azure Virtual Machines Azure Virtual Machine Scale Sets Azure Basion SSH from the browser Sole-tenant nodes Host your VMs on hardware dedicated only to your project. Azure Virtual Machines SAP on Azure App Engine Build highly scale and run your Vilvare workloads on Google Cloud Run SAP on Goog						as well as hybrid workloads like VMware, SAP HANA, Oracle, or SQL Server.
Compute Core compute Amazon Elastic Compute Cloud (EC2) Azure Virtual Machines Compute Engine Accelerate your digital transformation with high-performance VMs. Automatically add or delete VM histances from a managed instance group (MiG) based on increases or decret compute Core compute Amazon EC2 Instance Connect Decrease State						
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Compute Core compute AWS EC2 Instance Connect Azure Bastion SSH from the browser Compute Core Compute AWS Systems Manager VM Manager VM Manager Manage operating systems for large virtual machine (VM) fleets running Windows and Linux on Compute Engine. Compute Dedicated VMS Amazon EC2 Dedicated Host Azure Dedicated Host Sole-tenant nodes Host your VMs on hardware dedicated only to your project. SAP on ASUR SAP on ASURE PaaS AWS Lambda, AWS Fargate, AWS App Runner Compute VMware connectivity VMware Cloud on AWS Azure VMware Solution VMware Engine Build highly scalable applications on a fully managed serverless platform. Containers CaaS Amazon Elastic Kubernetes Service (EKS), Amazon Elastic Container Service (ECS) Azure Container Registry (ECR) Azure Container Registry (ECR) Azure Container Registry (ECR) Azure Container Registry Store, manage, and secure your container images. Containers Gaming Amazon GameLift Azure for Gaming Game Servers Deliver seamless multipleage quality and manage data at scale with powerful search and seamless integration to BigQuery, Publishing Advisor of Joseph Amazon AppFlow, Amazon Data Pipeline, AWS Aver Data Engine Data analytics Data Catalog Data Data Pipeline, AWS						
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Containers Gaming Amazon GameLift Azure for Gaming Game Servers Deliver seamless multiplayer gaming experiences with simpler multicluster management. Data analytics Business intelligence Amazon QuickSight Microsoft Power BI Looker Explore, share, and visualize your company's data so that you can make better business decisions. Data analytics Data discovery/ metadata mgmt AWS Glue Data Catalog Azure Purview, Azure Data Explorer Data Catalog Discover, understand, and manage data at scale with powerful search and seamless integration to BigQuery, Pub/Sub, Cloud Storage, secured via IAM and Cloud Data Loss Prevention. Data integration (FT) Amazon AppFlow, Amazon Data Pipeline, AWS Azure Data Featory. Cloud Data Fusion Activate fully managed educt antition of the integration at scale.				,		Require images to be signed by trusted authorities during the development process and then enforce signature
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Data applying Data integration / ETI Amazon AppFlow, Amazon Data Pipeline, AWS Agurs Data Section Cloud Data Fusion Activate fully managed cloud paths integration at scale						Discover, understand, and manage data at scale with powerful search and seamless integration to BigQuery,
	Data analytics	Data integration / ETL		Azure Data Factory	Cloud Data Fusion	

Data analytics	Data processing	Amazon Elastic MapReduce (EMR), AWS Batch, AWS Glue	Azure Data Lake Analytics, HDInsight	Dataproc	Deploy open-source data and analytics processing services (Apache Hadoop, Apache Spark, etc.) with improved efficiency and security.
Data analytics	Data warehouse	Amazon Athena, Amazon Redshift	Azure Synapse Analytics	BigQuery	Serverless, highly scalable, and cost-effective multi-cloud data warehouse designed for business agility.
Data analytics	Data wrangling	AWS Glue Data Brew	Azure Data Factory	Dataprep by Trifecta	An intelligent cloud data service to visually explore, clean, and prepare data for analysis and machine learning.
Data analytics	Messaging	AWS Kinesis, Amazon MO	Azure Service Bus Messaging	Pub/Sub	Messaging and ingestion for event-driven systems and streaming analytics.
-		Amazon Simple Notification Service, Amazon			
Data analytics	Messaging	Simple Queueing Service	Azure Service Bus Messaging	Pub/Sub Lite	Send and receive messages between independent applications using this zonal, real-time messaging service.
Data analytics	Query service	Amazon Redshift Spectrum	Azure Synapse Analytics	BigQuery	Analyze petabytes of data at scale using ANSI SQL and gain 26%–34% lower three-year total cost of ownership (TCO) than competing cloud data warehouses.
Data analytics	Stream data ingest	Amazon Kinesis	Azure Event Hubs	Pub/Sub	Create scalable messaging and ingestion for event-driven systems and streaming analytics.
Data analytics	Stream data processing	Amazon Kinesis Data Firehose	Azure Stream Analytics	Dataflow	Unifiy stream and batch data processing that's serverless, fast, and cost-effective.
Data analytics	Workflow orchestration	Amazon Data Pipeline, AWS Glue, Managed Workflows for Apache Airflow	Azure Data Factory	Cloud Composer	Author, schedule, and monitor pipelines that span across hybrid and multi-cloud environments using this fully managed workflow orchestration service built on Apache Airflow.
Database	Document data storage	Amazon DocumentDB, Amazon DynamoDB	Azure Cosmos DB	Firestore	Easily develop rich applications using a fully managed, scalable, and serverless document database.
Database	In-memory data store	Amazon ElastiCache	Azure Cache	Memorystore	Reduce latency with scalable, secure, and highly available in-memory service for Redis and Memcached.
	NoSQL: Indexed	Amazon DynamoDB	Azure Cosmos DB	Datastore	A highly scalable NoSQL database for your web and mobile applications.
Database	NoSQL: Key-value	Amazon DynamoDB	Azure Cosmos DB	Cloud Bigtable	Run large analytical and operational workloads using this fully managed, scalable NoSQL database service.
Database	RDBMS	Amazon Aurora	Azure Cosmos DB for PostgreSQL,	AlloyDB for PostgreSQL	Run transactional workloads 4x faster than standard PostgreSQL, and analytical queries up to 100x faster.
Database	RDBMS	Amazon Aurora	Azure SQL Database Azure SQL Database	Cloud Spanner	Manage relational data with massive scale, strong consistency worldwide, and up to 99.999% availability.
		Amazon Relational Database Service (RDS),	Azure Database for MySQL and Azure		
Database	RDBMS	Amazon Aurora	Database for PostgreSQL	Cloud SQL	Manage relational data for MySQL, PostgreSQL, and SQL Server for workloads under 64 TB.
Database	Relational	Amazon RDS for Oracle	Azure Oracle Database Enterprise Edition	Bare Metal Solution	Lift and shift Oracle workloads to Google Cloud.
Developer tools	Client libraries	AWS SDKs	Azure SDKs	Cloud SDK	Tools and libraries for interacting with Google Cloud products and services.
Developer tools	Cloud development IDE plugin	AWS Toolkit for IntelliJ	Azure Toolkit for IntelliJ	Cloud Code for IntelliJ	Write, debug, and deploy your cloud-based applications for IntelliJ, VS Code, or any browser.
Developer tools	Cloud development IDE plugin	AWS Toolkit for Visual Studio Code	Azure Tools for Visual Studio Code	Cloud Code for VS Code	Write, debug, and deploy your cloud-based applications for IntelliJ, VS Code, or any browser.
Developer tools	Cloud-based IDE	AWS CloudShell	Azure Cloud Shell	Cloud Shell	Manage your infrastructure and develop your applications from any browser.
Developer tools	Command-line interface (CLI)	AWS CLI	Azure CLI	Cloud SDK	Tools and libraries for interacting with Google Cloud products and services.
Developer tools	Error handling		20.0 02.	Error Reporting	Real-time exception monitoring and alerting for your applications.
Developer tools	Git Repositories	AWS Code Commit	Azure Repos	Cloud Source Repositories	Access fully featured, private Git repositories hosted on Google Cloud.
Developer tools	Job scheduling	Amazon EventBridge	Azure Scheduler	Cloud Scheduler	Fully managed cron job service.
Developer tools	No-code	AppSheet, Amazon Honeycode	Microsoft Power Platform	AppSheet	Enable anyone to build business applications and automated workflows, without coding.
Developer tools	INO-code		Microsoft Power Platform	Аррзпеес	
Developer tools	Parallel task execution	Amazon Simple Queue Service (SQS), Amazon Simple Notification Service (SNS)	Azure Service Bus, Azure Storage Queues		Control and observe asynchronous service requests between independent applications using this zonal, execution- control service.
	PowerShell	AWS Tools for PowerShell	Azure Tools for PowerShell	Cloud Tools for PowerShell	Full cloud control from Windows PowerShell.
Enterprise	Abuse prevention	AWS WAF CAPTCHA, AWS Fraud	Microsoft Dynamics Fraud	reCAPTCHA Enterprise	Help protect your website from fraudulent activity, spam, and abuse without creating friction.
Enterprise	Marketplace	AWS Marketplace	Azure Marketplace	Marketplace	Scale procurement for your enterprise via online discovery, purchasing, and fulfillment of enterprise-grade cloud solutions.
-	Marketplace ML workflows	AWS Marketplace Tensorflow on AWS	Azure DataBricks	Marketplace Tensorflow Enterprise	
-	ML workflows Solutions catalog	· ·			solutions.
Enterprise	ML workflows	Tensorflow on AWS	Azure DataBricks Azure Custom Images, Azure API	Tensorflow Enterprise	solutions. Scale resources across CPUs, GPUs, and record-setting Cloud TPUs.
Enterprise Enterprise Government services	ML workflows Solutions catalog	Tensorflow on AWS AWS Service Catalog	Azure DataBricks Azure Custom Images, Azure API Management	Tensorflow Enterprise Private Catalog	solutions. Scale resources across CPUs, GPUs, and record-setting Cloud TPUs. Control internal enterprise solutions and make them easily discoverable.
Enterprise Enterprise Government services	ML workflows Solutions catalog Regulated services	Tensorflow on AWS AWS Service Catalog AWS GovCloud	Azure DataBricks Azure Custom Images, Azure API Management Azure Government	Tensorflow Enterprise Private Catalog Assured Workloads	solutions. Scale resources across CPUs, GPUs, and record-setting Cloud TPUs. Control internal enterprise solutions and make them easily discoverable. Run more secure and compliant workloads on Google Cloud.
Enterprise Enterprise Government services Internet of things (IoT) Management tools	ML workflows Solutions catalog Regulated services IoT platform API management	Tensorflow on AWS AWS Service Catalog AWS GovCloud AWS IoT Core	Azure DataBricks Azure Custom Images, Azure API Management Azure Government Azure IoT Hub	Tensorflow Enterprise Private Catalog Assured Workloads Cloud IoT API Gateway	solutions. Scale resources across CPUs, GPUs, and record-setting Cloud TPUs. Control internal enterprise solutions and make them easily discoverable. Run more secure and compliant workloads on Google Cloud. Easily and securely connect, manage, and ingest data from globally dispersed devices with this fully managed service.
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Networking	Network connectivity	Amazon Cloud WAN, AWS Transit Gateway	Azure Virtual WAN	Network Connectivity Center	Deimograph bounded dealery manages and spale your patronics on Coopie Cloud and bound
Networking	Network connectivity	AWS PrivateLink	Azure Private Link	Private Service Connect	Reimagine how you deploy, manage, and scale your networks on Google Cloud and beyond. Create a private and secure connection from your VPCs to Google, third parties, or your own services.
Networking			Azure Network Watcher		Centralize your network monitoring functions to verify network configurations, optimize network performance, increase
	Network monitoring	AWS Network Manager, Amazon CloudWatch	Azure Network Watcher	Network Intelligence Center	network security, and reduce troubleshooting time.
Networking	Premium networking	Amazon Global Accelerator		Network Service Tiers	Optimize your network for performance or cost. Easily deploy global load balancing across clusters and VM instances in multiple regions, offload health checking from
Networking	Service mesh	AWS App Mesh	Open Service Mesh	Traffic Director	service proxies, and configure sophisticated traffic control policies.
Networking	Services discovery (DNS)	AWS Cloud Map	Hashicorp Consul Service on Azure	Service Directory	Publish, discover, and connect services from a single directory.
Networking	Virtual networks	NAT Gateways for Amazon VPC	Azure Virtual Network NAT	Cloud NAT	Send and receive packets using Google Cloud private GKE clusters or Compute Engine VM instances with no external IP address.
Networking	Virtual networks	Amazon Virtual Private Cloud (VPC)	Azure Virtual Network	Virtual Private Cloud	Provide managed networking functionality for your cloud-based services running on Compute Engine VM instances, Google Kubernetes Engine, App Engine flexible environment instances, and other Google Cloud products built on Compute Engine VMs.
Operations	Audit logging	AWS CloudTrail	Azure Audit Logs	Cloud Audit Logs	Log all user activity on Google Cloud.
Operations	Debugging	AWS X-Ray	Azure Monitor Application Insights Snapshot Debugger	Cloud Debugger	Investigate your code's behavior in production.
Operations	Logging	Amazon CloudWatch Logs	Azure Monitor Logs	Cloud Logging	Manage logging and analysis in real time at scale.
Operations	Monitoring	Amazon CloudWatch	Azure Monitor	Cloud Monitoring	Monitor the performance, availability, and health of your applications and infrastructure.
Operations	Performance tracing	AWS X-Ray	Azure Monitor Application Insights Distributed Tracing	Cloud Trace	Find performance bottlenecks in production.
Operations	Profiling	Amazon CodeGuru Profiler	Azure Monitor Application Insights Profiler	Cloud Profiler	Understand resource consumption in your code and see the ways the code is actually called.
Security & identity	Certificate management	AWS Certificate Manager	Azure Active Directory Certificate Authority	Certificate Authority Service	Simplify the deployment and management of private certificate authorities without managing infrastructure.
Security & identity	CIAM	Amazon Cognito	Azure Active Directory B2C	Identity Platform	Add Google-grade identity and access management to your apps.
Security & identity	Cloud provider access mgmt	AWS CloudTrail		Access Transparency and Access Approval	Help expand visibility and control over your cloud provider with admin access logs and approval controls.
Security & identity	Container security	Amazon Elastic Container Registry (ECR)	Azure Container Registry	Artifact Registry	Deploy only trusted containers on GKE.
Security & identity	Container security	Amazon ECR Image Scanning	Azure Defender for container registries	Container Analysis	Perform vulnerability scans on container images in Artifact Registry and Container Registry, and monitor vulnerability information to keep it up to date.
Security & identity	Data loss prevention (DLP)	Amazon Macie	Azure Information Protection	Cloud Data Loss Prevention	Discover, classify, and help protect your most sensitive cloud data.
Security & identity	Encryption	AWS Nitro Enclaves	Azure Confidential Computing	Confidential Computing	Encrypt data in-use with Confidential Computing and Confidential GKE Nodes.
Security & identity	Exfiltration prevention	Amazon VPC, AWS IAM, AWS PrivateLink		VPC Service Controls	Isolate resources of multi-tenant Google Cloud services to help mitigate data exfiltration risks.
Security & identity	Hardware security module (HSM)	AWS CloudHSM	Azure Dedicated HSM	Cloud HSM	Host encryption keys and perform cryptographic operations in a cluster of FIPS 140-2 Level 3 certified hardware security modules (HSMs).
Security & identity	IAM	AWS IAM Identity Center	Azure Active Directory	Cloud Identity	A unified identity, access, app, and endpoint management (IAM/EMM) platform.
Security & identity	IAM	Amazon Identity and Access Management	Azure Identity Management	Identity and Access Management	Provide fine-grained access control and visibility for centrally managing resources.
Security & identity	IAM	AWS Systems Manager	Azure Bastion, Azure AD Application Proxy		Use identity and context to guard access to your applications and VMs.
Security & identity	IAM	AWS Managed Microsoft AD	Azure Active Directory Domain Services	Managed Service for Microsoft Active Directory	Use a highly available, hardened service running actual Microsoft Active Directory (AD).
Security & identity	Resource access management	AWS Organizations policies	Azure Policy	Organization Policy Service	Configure restrictions on how resources can be used.
Security & identity	Resource monitoring	AWS Config	Azure Security Control	Cloud Asset Inventory	View, monitor, and analyze all your Google Cloud and Anthos assets across projects and services using this metadata inventory service.
Security & identity	Resource monitoring	AWS Resource Access Manager, AWS Organizations, AWS Control Tower	Azure Resource Manager	Resource Manager	Hierarchically manage resources by project, folder, and organization.
Security & identity	SIEM	AWS Security Hub, Amazon CloudWatch	Azure Sentinel	Chronicle	Normalizes, indexes, correlates, and analyzes security and network data to provide instant analysis and context on risky activity.
Security & identity	Secret management	AWS Secrets Manager, AWS Systems Manager Parameter Store	Azure Key Vault	Secret Manager	Store API keys, passwords, certificates, and other sensitive data.
Security & identity	Security administration	AWS Key Management Service (KMS)	Azure Key Vault	Cloud Key Management Service	Manage encryption keys on Google Cloud.
Security & identity	Security and risk management	Amazon Guard Duty, AWS Security Hub, AWS	Azure Security Center, Azure Defender	Security Command Center	Security and risk management platform for Google Cloud.
Security & identity	Zero trust	Audit Manager	Azure AD Conditional Access	BeyondCorp Enterprise	Enable secure access to critical applications and services, with integrated threat and data protection.
Serverless	Build	AWS Simple Storage Service (S3)	Azure Blob Storage	Cloud Storage for Firebase	Store and serve user-generated content from Firebase apps, such as photos or videos, including bandwidth-friendly transactions and automated ML, synced automatically in real time.
Serverless	Build	Amazon Cognito	Azure Active Directory (AD)	Firebase Auth	Idansactions and automated wit, synced automatically in real time. Sign in users to your Firebase app, either by using Firebase UI as a complete drop-in authentication solution, or by using the Firebase Authentication SDK to manually integrate one or several sign-in methods into your app.
Serverless	Build	AWS Amplify Hosting	GitHub Pages, Static Web Apps	Firebase Hosting	Provides fast and secure hosting for your Firebase web app, static and dynamic content, and microservices, including a generous free tier.
Serverless	Build	Amazon DynamoDB, AWS AppSync	Azure Cosmos DB	Firebase Realtime Database	Store and sync data from your Firebase application with our NoSQL cloud database. Data is synced across all clients in real time, and remains available when your application goes offline.
Serverless	Containers w/o infrastructure	AWS App Runner, AWS Fargate, AWS Lambda	Azure Container Apps, Azure Container Instances	Cloud Run	Develop and deploy highly scalable containerized applications on a fully managed serverless platform.
Serverless	Engage	Amazon Pinpoint	Azure Playfab	Firebase A/B Testing	Deploy A/B experiments to test how a change to your application's UI, features, or engagement campaigns affects ke metrics (like revenue) before you implement the change widely.
Serverless	Engage	Amazon Device Messaging (ADM), Amazon Simple Notification Service (SNS)	Azure Notification Hubs	Firebase Cloud Messaging	Send and receive notifications across platforms with this reliable and battery-efficient connection between your server and devices, including iOS, Android, and the web.
Serverless	Engage	,		Firebase Dynamic Links	Provide users with deep-link smart URLs that bypass the application installation process, allowing you to send first- time or returning users to any location within your iOS or Android app.
Serverless	Engage	Amazon Device Messaging (ADM), Amazon Simple Notification Service (SNS)	Azure Notification Hubs	Firebase In-App Messaging	Engage active users of your Firebase application by sending them targeted, contextual messages to complete key
Serverless	Engage	Simple Notification Service (SNS)	Azure App Configuration	Firebase Remote Config	actions, such as beating a game level, buying an item, or subscribing to content. Control and optimize your app on the fly.
Serverless	Engage		, actio, app configuration	Google Analytics for Firebase	Make informed decisions regarding application marketing and performance optimizations by understanding user
Serverless	Event handling	AWS EventBridge	Azure Event Grid	Eventarc	behavior using the Firebase SDK and integration with the Google ecosystem. Asynchronously deliver events from Google services, SaaS, and your own apps using loosely coupled services that
OCI VELIESS	Lvcnt nanuling	Avvo Eventibilitye	Przuic Event Gnu	Everitare	react to state changes.

Serverless	FaaS	AWS Lambda	Azure Functions Serverless Compute	Cloud Functions	Run your code with zero server management with this scalable, pay-as-you-go functions-as-a-service (FaaS) offering.
Serverless	Mobile FaaS	AWS Lambda	Azure Functions Serverless Compute	Firebase Cloud Functions	Run your mobile backend code without managing servers.
Serverless	Monetization	Amazon Publisher Services, Mobile Ads	Azure API Management	AdMob and Firebase	Google AdMob is an easy way to monetize mobile apps with targeted, in-app advertising.
Serverless	Release & monitor		Azure App Center	Firebase App Distribution	Distribute your Firebase apps to trusted testers quickly and easily.
Serverless	Release & monitor		Azure App Center	Firebase Crashlytics	Get real-time, actionable insight into Firebase application issues with this native crash reporting solution for iOS, Android, and Unity, including streaming data export.
Serverless	Release & monitor			Firebase Performance Monitoring	Gain insight into your app's performance issues.
Serverless	Release & monitor	AWS Device Farm	Azure App Center	Firebase Test Lab	Test your Firebase application on devices hosted in a Google data center.
Serverless	Workflow orchestration	AWS Step Functions	Azure Logic Apps	Workflows	Orchestrate and automate Google Cloud and HTTP-based API services with serverless workflows.
Storage	Block storage	Amazon Elastic Block Store (EBS)	Azure Disk Storage	Persistent Disk	Store data from VM instances running in Compute Engine or GKE, Google Cloud's state-of-the-art block storage offering.
Storage	File storage	Amazon Elastic File System (EFS)	Azure Disk Storage, Azure Files	Filestore	Provide fully managed NFS file servers on Google Cloud for applications running on Compute Engine VMs (VMs) instances or GKE clusters.
Storage	Infrequently accessed object store	Amazon S3 Glacier	Azure Archive Storage	Cloud Storage Archive	Store infrequently accessed data using Google Cloud's ultra low-cost, highly durable, highly available archival storage.
Storage	Object storage	AWS Simple Storage Service (S3)	Azure Blob Storage	Cloud Storage	Store any amount of data and retrieve it as often as you'd like, using Google Cloud's object storage offering.