8. technical words

June 14, 2023

1 CLOUD COMPUTING SERVICES SELF EXPLANATORY STUDY

1.1 1. AWS Services:

You can find a comprehensive list of AWS services on the official AWS documentation page: https://aws.amazon.com/products/

1.2 2. GCP Services:

The official Google Cloud documentation provides a detailed list of GCP services: https://cloud.google.com/products

1.3 3. Azure Services:

Microsoft Azure offers a wide range of services, which can be explored on the official Azure documentation page: https://azure.microsoft.com/en-us/services/

2 AMAZON SERVICES ONLY

```
[ ]: AWS IoT Core
     Easily and securely connect devices to the cloud
```

```
[ ]: AWS IoT FleetWise
     Collect, transform, and transfer vehicle data to the cloud in near real time
```

```
[ ]: AWS IoT SiteWise
     Collect, organize, and analyze data from industrial equipment at scale
```

```
[ ]: AWS IoT TwinMaker
     Optimize operations by easily creating digital twins of real-world systems
```

```
[ ]: AWS IoT Greengrass
     Build intelligent IoT devices faster
```

```
[ ]: Alexa for Business
     Empower your organization with Alexa
```

```
[ ]:  Amazon API Gateway
      Build, deploy, and manage APIs

[ ]:  Amazon AppFlow
      No-code integration for SaaS apps & AWS services

[ ]:  Amazon AppStream 2.0
      Stream desktop applications securely to a browser

[ ]:  Amazon Athena
      Query data in S3 using SQL

[ ]:  Amazon Augmented AI
      Easily implement human review of ML predictions

[ ]:  Amazon Aurora
      High performance managed relational database

[ ]:  Amazon Bedrock
      Build with foundation models

[ ]:  Amazon Braket
      Accelerate quantum computing research

[ ]:  Amazon Chime
      Frustration-free meetings, video calls, and chat

[ ]:  Amazon Chime SDK
      Real-time messaging, audio, video, and screen sharing

[ ]:  Amazon CloudFront
      Global content delivery network

[ ]:  Amazon CloudSearch
      Managed search service

[ ]:  Amazon CloudWatch
      Monitor resources and applications

[ ]:  Amazon CodeCatalyst (Preview)
      Unified software development service for faster development and delivery on AWS

[ ]:  Amazon CodeGuru
      Find your most expensive lines of code

[ ]:  Amazon Cognito
      Identity management for your apps
```

`[ ]:` Amazon Comprehend
Discover insights `and` relationships `in` text

`[ ]:` Amazon Connect
Omnichannel cloud contact center

`[ ]:` Amazon Corretto
Production-ready distribution of OpenJDK

`[ ]:` Amazon DataZone (Preview)
Unlock data across organizational boundaries `with` built-`in` governance

`[ ]:` Amazon Detective
Investigate potential security issues

`[ ]:` Amazon DevOps Guru
ML-powered cloud operations service to improve application availability

`[ ]:` Amazon DocumentDB
Fully managed document database

`[ ]:` Amazon DynamoDB
Managed NoSQL database

`[ ]:` Amazon EC2
Virtual servers `in` the cloud

`[ ]:` Amazon EC2 Auto Scaling
Scale compute capacity to meet demand

`[ ]:` Amazon EC2 Spot Instances
Run workloads `for` up to 90% off

`[ ]:` Amazon Elastic Block Store (EBS)
EC2 block storage volumes

`[ ]:` Amazon Elastic Container Registry (ECR)
Easily store, manage, `and` deploy container images

`[ ]:` Amazon Elastic Container Service (ECS)
Highly secure, reliable, `and` scalable way to run containers

`[ ]:` Amazon Elastic File System (EFS)
Fully managed file system `for` EC2

`[ ]:` Amazon Elastic Inference
Deep learning inference acceleration

[ ]: Amazon Elastic Kubernetes Service (EKS)
     The most trusted way to run Kubernetes

[ ]: Amazon Elastic Transcoder
     Easy-to-use scalable media transcoding

[ ]: Amazon ElastiCache
     In-memory caching service

[ ]: Amazon EMR
     Hosted Hadoop framework

[ ]: Amazon EventBridge
     Serverless event bus for SaaS apps & AWS services

[ ]: Amazon FinSpace
     Store, catalog, prepare, and analyze financial industry data in minutes

[ ]: Amazon Forecast
     Increase forecast accuracy using machine learning

[ ]: Amazon Fraud Detector
     Detect more online fraud faster

[ ]: Amazon FSx
     Launch, run, and scale feature-rich and highly-performant file systems with
       ↪just a few clicks

[ ]: Amazon GameLift
     Simple, fast, cost-effective dedicated game server hosting

[ ]: Amazon GuardDuty
     Managed threat detection service

[ ]: Amazon HealthLake
     Securely store, transform, query, and analyze health data in minutes

[ ]: Amazon Honeycode
     Build mobile & web apps without programming

[ ]: Amazon Inspector
     Automated and continual vulnerability management for Amazon EC2 and Amazon ECR

[ ]: Amazon Interactive Video Service
     Build engaging live stream experiences

4

[ ]: Amazon Kendra
     Reinvent enterprise search `with` ML

[ ]: Amazon Keyspaces (`for` Apache Cassandra)
     Managed Cassandra-compatible database

[ ]: Amazon Kinesis
     Analyze real-time video `and` data streams

[ ]: Amazon Kinesis Video Streams
     Process `and` analyze video streams

[ ]: Amazon Lex
     Build voice `and` text chatbots

[ ]: Amazon Lightsail
     Launch `and` manage virtual private servers

[ ]: Amazon Location Service
     Securely `and` easily add location data to applications

[ ]: Amazon Lookout `for` Equipment
     Detect abnormal equipment behavior by analyzing sensor data

[ ]: Amazon Lookout `for` Metrics
     Automatically detect anomalies `in` metrics `and` identify their root cause

[ ]: Amazon Lookout `for` Vision
     Spot product defects using computer vision to automate quality inspection

[ ]: Amazon Lumberyard
     A free cross-platform 3D game engine, `with` Full Source, integrated `with` AWS `and`␣
       ↪Twitch

[ ]: Amazon Macie
     Discover `and` protect your sensitive data at scale

[ ]: Amazon Managed Blockchain
     Create `and` manage scalable blockchain networks

[ ]: Amazon Managed Grafana
     Scalable, secure, `and` highly available data visualization `for` your operational␣
       ↪metrics, logs, `and` traces

[ ]: Amazon Managed Service `for` Prometheus
     Highly available, secure, `and` managed monitoring `for` your containers

[ ]: Amazon Managed Streaming for Apache Kafka (MSK)
Fully managed Apache Kafka service

[ ]: Amazon Managed Workflows for Apache Airflow (MWAA)
Highly available, secure, and managed workflow orchestration for Apache Airflow

[ ]: Amazon MemoryDB for Redis
Redis-compatible, durable, in-memory database service for ultra-fast performance

[ ]: Amazon Monitron
Reduce unplanned equipment downtime with predictive maintenance and machine␣
↪learning

[ ]: Amazon MQ
Managed message broker service

[ ]: Amazon Neptune
Fully managed graph database service

[ ]: Amazon Nimble Studio
Accelerate content creation in the cloud

[ ]: Amazon Omics
Transform omics data into insights

[ ]: Amazon OpenSearch Service
Search, visualize, and analyze up to petabytes of text and unstructured data

[ ]: Amazon Personalize
Build real-time recommendations into your applications

[ ]: Amazon Pinpoint
Multichannel marketing communications

[ ]: Amazon Polly
Turn text into life-like speech

[ ]: Amazon Quantum Ledger Database (QLDB)
Fully managed ledger database

[ ]: Amazon QuickSight
Fast business analytics service

[ ]: Amazon RDS
Managed relational database service for MySQL, PostgreSQL, Oracle, SQL Server,␣
↪and MariaDB

[ ]: Amazon Redshift
     Fast, simple, cost-effective data warehousing

[ ]: Amazon Rekognition
     Analyze image and video

[ ]: Amazon Route 53
     53 Scalable domain name system (DNS)

[ ]: Amazon S3 Glacier
     Low-cost archive storage in the cloud

[ ]: Amazon SageMaker
     Build, train, and deploy machine learning models at scale

[ ]: Amazon SageMaker Ground Truth
     Build accurate ML training datasets

[ ]: Amazon Security Lake (Preview)
     Automatically centralize your security data with a few clicks

[ ]: Amazon Simple Email Service (SES)
     High-scale inbound and outbound email

[ ]: Amazon Simple Notification Service (SNS)
     Pub/sub, SMS, email, and mobile push

[ ]: Amazon Simple Queue Service (SQS)
     Managed message queues

[ ]: Amazon Simple Storage Service (S3)
     Object storage built to retrieve any amount of data from anywhere

[ ]: Amazon Textract
     Extract text and data from documents

[ ]: Amazon Timestream
     Fully managed time series database

[ ]: Amazon Transcribe
     Automatic speech recognition

[ ]: Amazon Translate
     Natural and fluent language translation

[ ]: Amazon Verified Permissions (Preview)
     Fine-grained permissions and authorization for your applications

`[ ]:` Amazon VPC
Isolated cloud resources

`[ ]:` Amazon WorkDocs
Secure enterprise document storage and sharing

`[ ]:` Amazon WorkMail
Secure email and calendaring

`[ ]:` Amazon WorkSpaces Family
Virtual desktop services for every use case

`[ ]:` Apache MXNet on AWS
Scalable, open-source deep learning framework

`[ ]:` AWS Application Migration Service (MGN)
Automate application migration and modernization

`[ ]:` AWS Amplify
Build, deploy, host, and manage scalable web and mobile apps

`[ ]:` AWS App Mesh
Monitor and control microservices

`[ ]:` AWS App Runner
Production web applications at scale made easy for developers

`[ ]:` AWS App2Container
Containerize and migrate existing applications

`[ ]:` AWS Application Composer (Preview)
Visually design and build serverless applications quickly

`[ ]:` AWS Application Discovery Service
Discover on-premises applications to streamline migration

`[ ]:` AWS AppSync
Accelerate app development with fully-managed, scalable GraphQL APIs

`[ ]:` AWS Artifact
On-demand access to AWS' compliance reports

`[ ]:` AWS Audit Manager
Continuously audit your AWS usage to simplify how you assess risk and compliance

`[ ]:` AWS Auto Scaling
Scale multiple resources to meet demand

[ ]: AWS Backup
     Centralized backup across AWS services

[ ]: AWS Batch
     Run batch jobs at any scale

[ ]: AWS Budgets
     Set custom cost and usage budgets

[ ]: AWS Certificate Manager
     Manager Provision, manage, and deploy SSL/TLS certificates

[ ]: AWS Chatbot
     ChatOps for AWS

[ ]: AWS Clean Rooms (Preview)
     Match, analyze, and collaborate on datasets without sharing or revealing
     ↪underlying data

[ ]: AWS Cloud Control API
     Manage AWS and third-party cloud infrastructure with consistent APIs

[ ]: AWS Cloud Development Kit (CDK)
     Model cloud infrastructure using code

[ ]: AWS Cloud Map
     Service discovery for cloud resources

[ ]: AWS Cloud WAN
     Easily build, manage, and monitor global wide area networks

[ ]: AWS Cloud9
     Write, run, and debug code on a cloud IDE

[ ]: AWS CloudFormation
     Create and manage resources with templates

[ ]: AWS CloudHSM
     Hardware-based key storage for regulatory compliance

[ ]: AWS CloudShell
     Command line access to AWS resources and tools directly from a browser

[ ]: AWS CloudTrail
     Track user activity and API usage

```
[ ]: AWS CodeArtifact
     Secure, scalable, and cost-effective artifact management for software␣
       ↪development
```

```
[ ]: AWS CodeBuild
     Build and test code
```

```
[ ]: AWS CodeCommit
     Store code in private Git repositories
```

```
[ ]: AWS CodeDeploy
     Automate code deployments
```

```
[ ]: AWS CodePipeline
     Release software using continuous delivery
```

```
[ ]: AWS CodeStar
     Develop and deploy AWS applications
```

```
[ ]: AWS Command Line Interface (CLI)
     Line Interface Unified tool to manage AWS services
```

```
[ ]: AWS Compute Optimizer
     Identify optimal AWS Compute resources
```

```
[ ]: AWS Config
     Track resources inventory and changes
```

```
[ ]: AWS Control Tower
     Set up and govern a secure, compliant multi-account environment
```

```
[ ]: AWS Copilot
     AWS Copilot is the easiest way to launch and manage your containerized␣
       ↪application on AWS
```

```
[ ]: AWS Cost and Usage Report
     Access comprehensive cost and usage information
```

```
[ ]: AWS Cost Explorer
     Analyze your AWS cost and usage
```

```
[ ]: AWS Data Exchange
     Find, subscribe to, and use third-party data in the cloud
```

```
[ ]: AWS Data Pipeline
     Orchestration service for periodic, data-driven workflows
```

[ ]: AWS Database Migration Service (DMS)
Migrate databases `with` minimal downtime

[ ]: AWS DataSync
Simple, fast, online data transfer

[ ]: AWS Deep Learning AMIs
Deep learning on Amazon EC2

[ ]: AWS Deep Learning Containers
Docker images `for` deep learning

[ ]: AWS DeepComposer
ML enabled musical keyboard

[ ]: AWS DeepLens
Deep learning enabled video camera

[ ]: AWS DeepRacer
Autonomous 1/18th scale race car, driven by ML

[ ]: AWS Device Farm
Test Android, iOS, `and` web apps on real devices `in` the AWS cloud

[ ]: AWS Direct Connect
Dedicated network connection to AWS

[ ]: AWS Directory Service
Host `and` manage active directory

[ ]: AWS Distro `for` OpenTelemetry
Secure, production-ready `open` source distribution `with` predictable performance

[ ]: AWS Elastic Beanstalk
Run `and` manage web apps

[ ]: AWS Elemental Appliances & Software
On-premises media solutions

[ ]: AWS Elemental MediaConnect
Reliable `and` secure live video transport

[ ]: AWS Elemental MediaConvert
Convert file-based video content

[ ]: AWS Elemental MediaLive
Convert live video content

[ ]: AWS Elemental MediaPackage
     Video origination and packaging

[ ]: AWS Elemental MediaStore
     Media storage and simple http origin

[ ]: AWS Elemental MediaTailor
     Video personalization and monetization

[ ]: AWS Fargate
     Serverless compute for containers

[ ]: AWS Fault Injection Simulator
     Improve resiliency and performance with controlled experiments

[ ]: AWS Firewall Manager
     Central management of firewall rules

[ ]: AWS Global Accelerator
     Improve global application availability and performance

[ ]: AWS Glue
     Simple, scalable, and serverless data integration

[ ]: AWS Ground Station
     Fully managed ground station as a service

[ ]: AWS IAM Identity Center
     Manage single sign-on access to AWS accounts and apps

[ ]: AWS Identity and Access Management
     Securely manage access to services and resources

[ ]: AWS Inferentia
     Machine learning inference chip

[ ]: AWS IoT 1-Click
     One click creation of an AWS Lambda trigger

[ ]: AWS IoT Analytics
     Analytics for IoT devices

[ ]: AWS IoT Button
     Cloud programmable dash button

[ ]: AWS IoT Device Defender
     Security management for IoT devices

[ ]: AWS IoT Device Management
Onboard, organize, and remotely manage IoT devices

[ ]: AWS IoT EduKit
Learn how to build simple IoT applications with reference hardware and
↪step-by-step tutorials

[ ]: AWS IoT Events
IoT event detection and response

[ ]: AWS IoT RoboRunner
Build applications that help fleets of robots work together seamlessly

[ ]: AWS Key Management Service (KMS)
Managed creation and control of encryption keys

[ ]: AWS Lake Formation
Build a secure data lake in days

[ ]: AWS Lambda
Run code without thinking about servers

[ ]: AWS Launch Wizard
Easily size, configure, and deploy third party applications on AWS

[ ]: AWS License Manager
Track, manage, and control licenses

[ ]: AWS Local Zones
Run latency sensitive applications closer to end users

[ ]: AWS Mainframe Modernization
Migrate, modernize, operate, and run mainframe workloads

[ ]: AWS Managed Services
Infrastructure operations management for AWS

[ ]: AWS Management Console
Web-based user interface

[ ]: AWS Management Console Mobile Application
Access resources on the go

[ ]: AWS Migration Hub
Track migrations from a single place

[ ]: AWS Network Firewall
     Deploy network security across your Amazon VPCs `with` just a few clicks

[ ]: AWS OpsWorks
     Automate operations `with` Chef `and` Puppet

[ ]: AWS Organizations
     Central governance `and` management across AWS accounts

[ ]: AWS Outposts
     Run AWS infrastructure on-premises

[ ]: AWS Panorama
     Improve your operations `with` computer vision at the edge

[ ]: AWS Partner Device Catalog
     Curated catalog of AWS-compatible IoT hardware

[ ]: AWS Personal Health Dashboard
     Personalized view of AWS service health

[ ]: AWS Private 5G
     Easily deploy, manage, `and` scale a private cellular network

[ ]: AWS PrivateLink
     Securely access services hosted on AWS

[ ]: AWS Proton
     Automate management `for` container `and` serverless deployments

[ ]: AWS Resilience Hub
     Prepare `and` protect your applications `from` `disruptions`

[ ]: AWS Resource Access Manager
     Simple, secure service to share AWS resources

[ ]: AWS RoboMaker
     Develop, test, `and` deploy robotics applications

[ ]: AWS Secrets Manager
     Rotate, manage, `and` retrieve secrets

[ ]: AWS Security Hub
     Unified security `and` compliance center

[ ]: AWS Serverless Application Repository
     Discover, deploy, `and` publish serverless applications

[ ]: AWS Service Catalog
Create **and** use standardized products

[ ]: AWS Service Management Connector
Provision, manage **and** operate AWS resources within Service Management Tools

[ ]: AWS Shield
DDoS protection

[ ]: AWS SimSpace Weaver
Build dynamic, large-scale spatial simulations on AWS managed infrastructure

[ ]: AWS Snow Family
Physical edge computing **and** storage devices **for** rugged **or** disconnected␣
    ↪environments

[ ]: AWS Step Functions
Coordination **for** distributed applications

[ ]: AWS Storage Gateway
Hybrid storage integration

[ ]: AWS Supply Chain (Preview)
Mitigate risks **and** lower costs **with** an ML-powered supply chain application

[ ]: AWS Systems Manager
Gain operational insights **and** take action

[ ]: AWS Tools **and** SDKs
Tools **and** SDKs **for** AWS

[ ]: AWS Transfer Family
Fully managed SFTP, FTPS, **and** FTP service

[ ]: AWS Transit Gateway
Easily scale VPC **and** account connections

[ ]: AWS Trusted Advisor
Optimize performance **and** security

[ ]: AWS Verified Access (Preview)
Provide secure access to corporate applications without a VPN

[ ]: AWS VPN
Securely access your network resources

[ ]: AWS WAF
     Filter malicious web traffic

[ ]: AWS Wavelength
     Deliver ultra-low latency applications for 5G devices

[ ]: AWS Well-Architected Tool
     Review and improve your workloads

[ ]: AWS Wickr
     Protect enterprise communications with end-to-end encryption

[ ]: AWS X-Ray
     Analyze and debug your applications

[ ]: AWS Elastic Disaster Recovery (DRS)
     Scalable, cost-effective application recovery to AWS

[ ]: Elastic Load Balancing (ELB)
     Distribute incoming traffic across multiple targets

[ ]: FreeRTOS
     Real-time operating system for microcontrollers

[ ]: Migration Evaluator (formerly TSO Logic)
     Create a business case for cloud migration

[ ]: PyTorch on AWS
     Flexible open-source machine learning framework

[ ]: Red Hat OpenShift Service on AWS
     Managed OpenShift integration in the cloud

[ ]: Reserved Instance (RI) Reporting
     Dive deeper into your reserved instances (RIs)

[ ]: Savings Plans
     Save up to 72% on compute usage with flexible pricing

[ ]: TensorFlow on AWS
     Open-source machine intelligence library

[ ]: VMware Cloud on AWS
     Build a hybrid cloud without custom hardware

[ ]: Amazon CodeWhisperer
     Build apps faster with ML-powered coding companion

3 GCP services ONLY

```
[ ]: Compute Engine
     Virtual machines running in Google's data center.
```

```
[ ]: Cloud Storage
     Object storage that's secure, durable, and scalable.
```

```
[ ]: Cloud SDK
     Command-line tools and libraries for Google Cloud.
```

```
[ ]: Cloud SQL
     Relational database services for MySQL, PostgreSQL, and SQL Server.
```

```
[ ]: Google Kubernetes Engine
     Managed environment for running containerized apps.
```

```
[ ]: BigQuery
     Data warehouse for business agility and insights.
```

```
[ ]: Cloud CDN
     Content delivery network for delivering web and video.
```

```
[ ]: Dataflow
     Streaming analytics for stream and batch processing.
```

```
[ ]: Operations
     Monitoring, logging, and application performance suite.
```

```
[ ]: Cloud Run
     Fully managed environment for running containerized apps.
```

```
[ ]: Anthos
     Platform for modernizing existing apps and building new ones.
```

```
[ ]: Cloud Functions
     Event-driven compute platform for cloud services and apps.
```

```
[ ]: Vertex AI
     Unified platform for training, hosting, and managing ML models.
```

```
[ ]: Vertex AI Workbench
     A single interface for your data, analytics, and machine learning workflow.
```

```
[ ]: Vertex Explainable AI
     Tools and frameworks to understand and interpret your machine learning models.
```

```
[ ]: AutoML
     Custom machine learning model training and development.

[ ]: Dialogflow
     Conversation applications and systems development suite for virtual agents.

[ ]: Media Translation
     Add dynamic audio translation directly to your content and applications.

[ ]: Natural Language AI
     Sentiment analysis and classification of unstructured text.

[ ]: Recommendations AI
     Deliver highly personalized product recommendations at scale.

[ ]: Speech-to-Text
     Speech recognition and transcription supporting 125 languages.

[ ]: Text-to-Speech
     Speech synthesis in 220+ voices and 40+ languages.

[ ]: Translation AI
     Language detection, translation, and glossary support.

[ ]: Video AI
     Video classification and recognition using machine learning.

[ ]: Vision AI
     Custom and pre-trained models to detect emotion, text, more.

[ ]: AI Infrastructure
     Options for every business to train deep learning and ML models␣
      ↪cost-effectively.

[ ]: Cloud GPUs
     GPUs for machine learning, scientific computing, and 3D visualization.

[ ]: Cloud TPUs
     Tensor processing units for machine learning applications.

[ ]: Deep Learning VM Image
     Preconfigured VMs for deep learning applications.

[ ]: Deep Learning Containers
     Preconfigured and optimized containers for deep learning environments.
```

[ ]: TensorFlow Enterprise
Reliability **and** performance **for** AI apps **with** enterprise-grade support **and**␣
  ↪managed services.

[ ]: Contact Center AI
AI model **for** speaking **with** customers **and** assisting human agents.

[ ]: Document AI
Machine learning **and** AI to unlock insights **from** **your** documents.

[ ]: Intelligent products (Preview)
Create engaging product ownership experiences **with** AI.

[ ]: Product Discovery
Google-quality search **and** recommendations **for** retailers'
digital properties help increase conversions **and** reduce search abandonment.

[ ]: Apigee API Management
API management, development, **and** security platform.

[ ]: Apigee Integration
API-first integration to connect existing data **and** applications.

[ ]: Apigee Hybrid
Deployment option **for** managing APIs on-premises **or** **in** the cloud.

[ ]: AppSheet Automation
Reclaim time **and** talent **with** no-code automation.

[ ]: AppSheet
Enable everyone **in** your organization to build **and** extend applications without␣
  ↪coding.

[ ]: Apigee Open Banking APIx
Open banking **and** PSD2-compliant API delivery.

[ ]: Apigee Sense
Intelligent behavior detection to protect APIs.

[ ]: HealthAPIx
FHIR API-based digital service formation.

[ ]: Cloud Healthcare API
Solution to bridge existing care systems **and** apps on Google Cloud.

[ ]: API Gateway
Develop, deploy, secure, **and** manage APIs **with** a fully managed gateway.

[ ]: Application Integration
Connect your applications visually, without code.

[ ]: App Engine
Serverless application platform for apps and back ends.

[ ]: Bare Metal Solution
Infrastructure to run specialized workloads on Google Cloud.

[ ]: Batch
Fully-managed batch service to schedule, queue, and execute batch jobs at scale.

[ ]: Cloud GPUs
GPUs for ML, scientific computing, and 3D visualization.

[ ]: Cloud Run
Fully managed environment for running containerized apps.

[ ]: Compute Engine
Virtual machines running in Google's data center.

[ ]: Migrate to Virtual Machines
Server and virtual machine migration to Compute Engine.

[ ]: Spot VMs
Compute instances for batch jobs and fault-tolerant workloads.

[ ]: Recommender
Proactive, easily actionable recommendations to keep your cloud optimized.

[ ]: Shielded VMs
Reinforced virtual machines on Google Cloud.

[ ]: Sole-tenant Nodes
Dedicated hardware for compliance, licensing, and management.

[ ]: SQL Server on Google Cloud
Options for running SQL Server virtual machines on Google Cloud.

[ ]: VMware Engine
Migrate and run your VMware workloads natively on Google Cloud.

[ ]: Artifact Registry
Store, manage, and secure container images and language packages.

[ ]: Cloud Build
Solution for running build steps in a Docker container.

```
[ ]: Cloud Run
      Fully managed environment for running containerized apps.
```

```
[ ]: Container Security
      Container environment security for each stage of the life cycle.
```

```
[ ]: Deep Learning Containers
      Containers with data science frameworks, libraries, and tools.
```

```
[ ]: Google Kubernetes Engine (GKE)
      Managed environment for running containerized apps.
```

```
[ ]: Cloud Deploy
      Fully managed continuous delivery to GKE and Cloud Run.
```

```
[ ]: Knative
      Components to create Kubernetes-native cloud-based software.
```

```
[ ]: Kubernetes applications on Google Cloud Marketplace
      Containerized apps with prebuilt deployment and unified billing.
```

```
[ ]: BigQuery
      Data warehouse for business agility and insights.
```

```
[ ]: Looker
      Platform for BI, data applications, and embedded analytics.
```

```
[ ]: Dataproc
      Service for running Apache Spark and Apache Hadoop clusters.
```

```
[ ]: Dataflow
      Streaming analytics for stream and batch processing.
```

```
[ ]: Dataform
      Build, version control, and deploy SQL workflows in BigQuery.
```

```
[ ]: Pub/Sub
      Messaging service for event ingestion and delivery.
```

```
[ ]: Cloud Data Fusion
      Data integration for building and managing data pipelines.
```

```
[ ]: Data Catalog
      Metadata solution for exploring and managing data.
```

```
[ ]: Cloud Composer
      Workflow orchestration service built on Apache Airflow.
```

```
[ ]: Dataprep
     Service to prepare data for analysis and machine learning.

[ ]: Dataplex
     Intelligent data fabric for unified data management across distributed data␣
      ↪silos.

[ ]: Analytics Hub
     Service for securely and efficiently exchanging data analytics assets.

[ ]: Looker Studio
     Interactive data suite for dashboarding, reporting, and analytics.

[ ]: Google Marketing Platform*
     Marketing platform unifying advertising and analytics.

[ ]: Cloud Life Sciences (beta)
     Tools for managing, processing, and transforming biomedical data.

[ ]: Earth Engine
     A powerful geospatial platform for Earth observation data and analysis.

[ ]: BigLake
     Storage engine for unifying data warehouses and lakes.

[ ]: AlloyDB for PostgreSQL
     Fully managed, PostgreSQL-compatible database for demanding enterprise␣
      ↪workloads.

[ ]: Bare Metal Solution
     Infrastructure to run specialized workloads on Google Cloud.

[ ]: Cloud Bigtable
     Cloud-native wide-column database for large-scale, low-latency workloads.

[ ]: Cloud Spanner
     Cloud-native relational database with unlimited scale and 99.999% availability.

[ ]: Cloud SQL
     Fully managed database for MySQL, PostgreSQL, and SQL Server.

[ ]: Database Migration Service
     Serverless, minimal downtime migrations to the cloud.

[ ]: Firestore
     Cloud-native document database for building rich mobile, web, and IoT apps.
```

[ ]: Firebase Realtime Database
NoSQL database `for` storing `and` syncing data `in` real time.

[ ]: Memorystore
In-memory database `for` managed Redis `and` Memcached.

[ ]: Datastream
Serverless change data capture `and` replication service.

[ ]: Artifact Registry
Store, manage, `and` secure container images `and` language packages.

[ ]: Assured Open Source Software
Incorporate the same OSS packages that Google uses into your own developer␣
    ↪workflows.

[ ]: Cloud Build
Continuous integration `and` continuous delivery platform.

[ ]: Cloud Code
IDE support to write, run, `and` debug Kubernetes applications.

[ ]: Cloud Scheduler
Cron job scheduler `for` task automation `and` management.

[ ]: Cloud SDK
Command-line tools `and` libraries `for` Google Cloud.

[ ]: Cloud Source Repositories
Private Git repository to store, manage, `and` track code.

[ ]: Cloud Tasks
Task management service `for` asynchronous task execution.

[ ]: Cloud Workstations
Managed `and` secure development environments `in` the cloud.

[ ]: Firebase Crashlytics
Prioritize `and` fix stability issues faster.

[ ]: Firebase Test Lab
On-demand testing infrastructure `for` Android apps.

[ ]: Cloud Deploy
Fully managed continuous delivery to Google Kubernetes Engine.

[ ]: Gradle App Engine Plugin
Use Gradle **for** your App Engine projects.

[ ]: Maven App Engine Plugin
Use Maven **for** your App Engine projects.

[ ]: Tekton
Kubernetes-native resources **for** declaring CI/CD pipelines.

[ ]: Tools **for** Eclipse
Plugin **for** Google Cloud development inside the Eclipse IDE.

[ ]: Tools **for** PowerShell
Full cloud control **from** Windows PowerShell.

[ ]: Payment Gateway
Process API-based payments **with** reliability at scale.

[ ]: Apigee healthcare APIx
FHIR API-based digital service production.

[ ]: Cloud Healthcare API
Solution **for** bridging existing care systems **and** apps on Google Cloud.

[ ]: Cloud Life Sciences (beta)
Tools **for** managing, processing, **and** transforming biomedical data.

[ ]: Device Connect **for** Fitbit
Gain a 360-degree patient view **with** connected Fitbit data on Google Cloud.

[ ]: Healthcare Natural Language AI
Real-time insights **from** unstructured medical text.

[ ]: Medical Imaging Suite
Accelerate development of AI **for** medical imaging by making imaging data↵
  ↪accessible, interoperable, **and** useful.

[ ]: Anthos
Platform **for** modernizing existing apps **and** building new ones.

[ ]: Apigee API Management
API management, development, **and** security platform.

[ ]: Cloud Build
Service **for** executing builds on Google Cloud infrastructure.

[ ]: Cloud Run **for** Anthos
Google-managed **and** supported Knative developer platform.

[ ]: Looker
Platform **for** BI, data applications, **and** embedded analytics.

[ ]: Migrate to Containers
Tool to move workloads **and** existing applications to GKE.

[ ]: Google Distributed Cloud
Fully managed hardware **and** software solutions **for** the edge **and** data centers.

[ ]: Edge TPU
ASIC designed to run ML inference **and** AI at the edge.

[ ]: IoT Core
IoT device management, integration, **and** connection service.

[ ]: Anthos Config Management
Automate policy **and** security **for** your deployments.

[ ]: Anthos Service Mesh
Managed service mesh **for** **complex** microservices architectures.

[ ]: Carbon Footprint
Dashboard to view **and** export your Google Cloud carbon emissions report.

[ ]: Cloud APIs
Programmatic interfaces **for** Google Cloud services.

[ ]: Cloud Console
Web-based interface **for** managing **and** monitoring cloud apps.

[ ]: Cloud Mobile App
App to manage Google Cloud services **from** **your** mobile device.

[ ]: Cloud Shell
Interactive shell environment **with** a built-**in** command line.

[ ]: Cloud Workstations
Managed development environments **for** better managing **and** securing app␣
↪development on cloud

[ ]: Config Connector
Kubernetes add-on **for** managing Google Cloud resources.

[ ]: Cost Management
     Tools **for** monitoring, controlling, **and** optimizing your costs.

[ ]: Deployment Manager
     Google Cloud Deployment Manager **is** an infrastructure deployment service that␣
       ↪automates
     the creation **and** management of Google Cloud resources.

[ ]: Service Catalog
     Service catalog **for** admins managing internal enterprise solutions.

[ ]: Terraform on Google Cloud
     Open source tool to provision Google Cloud resources **with** declarative␣
       ↪configuration files.

[ ]: Live Stream API
     Live encoder that transforms live video content **for** use across a variety of␣
       ↪user devices.

[ ]: OpenCue
     Open source render manager **for** visual effects **and** animation.

[ ]: Transcoder API
     Transform video content **for** use across a variety of user devices.

[ ]: Video Stitcher API
     Dynamically insert content **and** ads **for** targeted personalization of VOD **and** live␣
       ↪content.

[ ]: Application migration
     App migration to the cloud **for** low-cost refresh cycles.

[ ]: BigQuery Data Transfer Service
     Data **import service for** scheduling **and** moving data into BigQuery.

[ ]: Cloud Foundation Toolkit
     Reference templates **for** Deployment Manager **and** Terraform.

[ ]: Migrate to Containers
     Components **for** migrating VMs into system containers on GKE.

[ ]: Migrate to Virtual Machines
     Components **for** migrating VMs **and** physical servers to Compute Engine.

[ ]: Migration Center
     Unified platform **for** migrating **and** modernizing **with** Google Cloud.

```
[ ]: Transfer Appliance
     Storage server for moving large volumes of data to Google Cloud.

[ ]: Cloud Armor
     Security policies and defense against web and DDoS attacks.

[ ]: Cloud CDN
     Content delivery network for serving web and video content.

[ ]: Cloud Domains
     Easy domain name registration and management.

[ ]: Cloud DNS
     Domain name system for reliable and low-latency name lookups.

[ ]: Cloud IDS
     Cloud IDS (Cloud Intrusion Detection System) provides
     cloud-native network threat detection with industry-leading security.

[ ]: Cloud Load Balancing
     Service for distributing traffic across applications and regions.

[ ]: Cloud NAT
     NAT service for giving private instances internet access.

[ ]: Hybrid Connectivity
     Connectivity options for VPN, peering, and enterprise needs.

[ ]: Media CDN
     Leverage Google's decade of experience powering world-class streaming media.

[ ]: Network Connectivity Center
     Use Google's network as your own. Reimagine how you deploy, manage, and scale
       ↪your networks.

[ ]: Network Intelligence Center
     Network monitoring, verification, and optimization platform.

[ ]: Network Service Tiers
     Cloud network options based on performance, availability, and cost.

[ ]: Private Service Connect
     Secure connection between your VPC and services.

[ ]: Service Directory
     Platform for discovering, publishing, and connecting services.
```

[ ]: Spectrum Access System (SAS)
     Controls fundamental access to the Citizens Broadband Radio Service (CBRS).

[ ]: Traffic Director
     Traffic control plane and management for open service mesh.

[ ]: Virtual Private Cloud (VPC)
     Virtual network for Google Cloud resources and cloud-based services.

[ ]: Cloud Logging
     Google Cloud audit, platform, and application logs management.

[ ]: Cloud Monitoring
     Infrastructure and application health with rich metrics.

[ ]: Cloud Profiler
     CPU and heap profiler for analyzing application performance.

[ ]: Cloud Trace
     Tracing system collecting latency data from applications.

[ ]: Cloud Error Reporting
     Real time exception monitoring and alerting.

[ ]: Access Transparency
     Cloud provider visibility through near real-time logs.

[ ]: Assured Workloads
     Compliance and security controls for sensitive workloads.

[ ]: Cloud Asset Inventory
     View, monitor, and analyze Google Cloud and Anthos assets across projects and
       ↪services.

[ ]: Cloud Data Loss Prevention
     Sensitive data inspection, classification, and redaction platform.

[ ]: Cloud IDS
     Cloud-native, managed network threat detection with industry-leading security.

[ ]: Cloud Key Management
     Manage encryption keys on Google Cloud.

[ ]: Confidential Computing
     Encrypt data in use with Confidential VMs.

```
[ ]: Cloud Firewall
     Global and flexible firewalls to protect your cloud resources.

[ ]: Secret Manager
     Store API keys, passwords, certificates, and other sensitive data.

[ ]: VPC Service Controls
     Protect sensitive data in Google Cloud services using security perimeters.

[ ]: Security Command Center
     Platform for defending against threats to your Google Cloud assets.

[ ]: Shielded VMs
     Virtual machines hardened with security controls and defenses.

[ ]: Cloud Identity
     Unified platform for IT admins to manage user devices and apps.

[ ]: Identity-Aware Proxy
     Use identity and context to guard access to your applications and VMs.

[ ]: Identity and Access Management
     Permissions management system for Google Cloud resources.

[ ]: Managed Service for Microsoft Active Directory
     Hardened service running Microsoft® Active Directory (AD).

[ ]: Policy Intelligence
     Smart access control for your Google Cloud resources.

[ ]: Assured Open Source Software
     Incorporate the same OSS packages that Google uses into your own developer␣
       ↪workflows.

[ ]: Software Delivery Shield
     Fully managed, end-to-end software supply chain security solutions at scale.

[ ]: BeyondCorp Enterprise
     Scalable zero-trust platform with integrated threat and data protection.

[ ]: Certificate Authority Service
     Simplify the deployment and management of private CAs.

[ ]: Titan Security Key
     Two-factor authentication device for user account protection.
```

[ ]: Cloud Armor
Help protect your applications and websites against denial of service and web
  ↪attacks.

[ ]: reCAPTCHA Enterprise
Help protect your website from fraudulent activity, spam, and abuse.

[ ]: Identity Platform
Add Google-grade identity and access management to your apps.

[ ]: Web Risk
Detect malicious URLs on your website and in client applications.

[ ]: Mandiant Threat Intelligence
Access the latest intel from the frontlines.

[ ]: Mandiant Attack Surface Management
See your organization through the eyes of the attacker.

[ ]: Mandiant Digital Threat Monitoring
Visibility into deep, dark, and open web.

[ ]: Mandiant Security Validation
Know your security can be effective against today's adversaries.

[ ]: Mandiant Ransomware Defense Validation
Understand your ability to withstand a ransomware attack.

[ ]: Virus Total
Unique visibility into threats.

[ ]: Chronicle SIEM
Deliver modern threat detection, investigation, and hunting at
unprecedented speed and scale—all at a predictable price point.

[ ]: Chronicle SOAR
Enable modern, fast, and effective response by combining playbook automation,
case management, and integrated threat intelligence.

[ ]: Mandiant Automated Defense
100% of tracked security events investigated at machine speed, scale, and
  ↪consistency.

[ ]: Mandiant Managed Detection and Response
Help find and eliminate threats with confidence 24/7.

```
[ ]: Mandiant Breach Analytics for Chronicle
     Know about a potential breach when we know it, in real time.

[ ]: Mandiant Incident Response Services
     Help tackle breaches rapidly and confidently.

[ ]: Mandiant Consulting Services
     Mitigate cyber threats and reduce business risk with the help of frontline␣
       ↪experts.

[ ]: Mandiant Expertise on Demand
     Access to cyber security expertise when you need it.

[ ]: Mandiant Academy
     Cybersecurity training, incident response and threat intelligence
     certifications, and hands-on cyber range.

[ ]: App Engine
     Serverless application platform for apps and back ends.

[ ]: Cloud Functions
     Platform for creating functions that respond to cloud events.

[ ]: Cloud Run
     Fully managed environment for running containerized apps.

[ ]: Workflows
     Workflow orchestration for serverless products and API services.

[ ]: Storage Transfer Service
     Tools and services for transferring your data to Google Cloud.

[ ]: Cloud Storage
     Object storage that's secure, durable, and scalable.

[ ]: Cloud Storage for Firebase
     Object storage for storing and serving user-generated content.

[ ]: Filestore
     File storage that is highly scalable and secure.

[ ]: Google Workspace Essentials
     Cloud-based file sharing, content collaboration, and storage.

[ ]: Local SSD
     Block storage that is locally attached for high-performance needs.
```

[ ]: Persistent Disk
Block storage **for** virtual machine instances running on Google Cloud.

[ ]: Google Cloud Backup **and** DR
Managed backup **and** disaster recovery **for** application-consistent data protection.

[ ]: Blockchain Node Engine
Fully managed node hosting **for** developing on the blockchain

[ ]: Google Workspace
Google Workspace brings together the apps loved by billions of people—Gmail,␣
  ↪Chat, Calendar, Drive,
Docs, Sheets, Meet, **and** more—into a single integrated workspace.

[ ]: Google Maps Platform
Create immersive location experiences **and** improve your business
operations **with** real-time, comprehensive data.

[ ]: Chrome Enterprise
Google Chrome Enterprise provides the OS, browser, **and** devices
your business needs to cloud-power your workforce.

4   AZURE Services ONLY

[ ]: Anomaly Detector
Easily add anomaly detection capabilities to your apps.

[ ]: Azure Cognitive Search
Enterprise scale search **for** app development

[ ]: Azure Machine Learning
Use an enterprise-grade service **for** the end-to-end machine learning lifecycle

[ ]: Azure Cognitive Services
Add cognitive capabilities to apps **with** APIs **and** AI services

[ ]: Azure AI Content Safety PREVIEW
Use AI to monitor text **and** image content **for** safety

[ ]: Data Science Virtual Machines
Rich pre-configured environment **for** AI development

[ ]: Azure Immersive Reader
Empower users of **all** ages **and** abilities to read **and** comprehend text

[ ]: Language Understanding (LUIS)
Teach your apps to understand commands from your users

[ ]: Personalizer
Deliver personalized, relevant experiences for each of your users

[ ]: QnA Maker
Distill information into conversational, easy-to-navigate answers

[ ]: Speech to text
A Speech service feature that accurately converts spoken audio to text

[ ]: Cognitive Service for Language
Add natural language capabilities with a single API call

[ ]: Translator
Easily conduct machine translation with a simple REST API call

[ ]: Health Bot
A managed service purpose-built for development of virtual healthcare assistants

[ ]: Azure OpenAI Service
Apply advanced coding and language models to a variety of use cases

[ ]: Azure Bot Services
Create bots and connect them across channels

[ ]: Azure Databricks
Design AI with Apache Spark-based analytics

[ ]: Azure Open Datasets
Cloud platform to host and share curated open datasets to accelerate
development of machine learning models

[ ]: Azure Video Indexer
Easily extract meaningful insights from audio and video files using media AI

[ ]: Custom Vision
Easily customize your own state-of-the-art computer vision models for your␣
    ↪unique use case

[ ]: Azure Form Recognizer
Accelerate information extraction from documents

[ ]: Kinect DK
Build for mixed reality using AI sensors

[ ]: Microsoft Genomics
Power genome sequencing & research insights

[ ]: Project Bonsai PREVIEW
Create intelligent industrial control systems using simulations

[ ]: Speaker recognition
A Speech service feature that verifies and identifies speakers

[ ]: Speech translation
Easily integrate real-time speech translation to your app

[ ]: Text to speech
A Speech service feature that converts text to lifelike speech

[ ]: Azure Metrics Advisor
An AI service that monitors metrics and diagnoses issues

[ ]: Azure Applied AI Services
Specialized services that enable organizations to accelerate time to
value in applying AI to solve common scenarios

[ ]: Azure Cognitive Services for Vision PREVIEW
Unlock insights from image and video content with AI

[ ]: Azure Analysis Services
Enterprise-grade analytics engine as a service

[ ]: Azure Data Factory
Hybrid data integration at enterprise scale, made easy

[ ]: Azure Data Lake Storage Gen1
Hyperscale repository for big data analytics workloads

[ ]: Azure Databricks
Design AI with Apache Spark-based analytics

[ ]: Azure Synapse Analytics
Limitless analytics with unmatched time to insight

[ ]: Data Lake Analytics
Distributed analytics service that makes big data easy

[ ]: HDInsight
Provision cloud Hadoop, Spark, R Server, HBase, and Storm clusters

```
[ ]:  R Server for HDInsight
       Predictive analytics, machine learning, and statistical modeling for big data
```

```
[ ]:  Microsoft Graph Data Connect PREVIEW
       A secure, high-throughput connector designed to copy select
       Microsoft 365 productivity datasets into your Azure tenant
```

```
[ ]:  Azure Operator Insights PREVIEW
       Remove data silos and deliver business insights from massive datasets
```

```
[ ]:  Azure Data Explorer
       Fast and highly scalable data exploration service
```

```
[ ]:  Azure Data Lake Storage
       Scalable, secure data lake for high-performance analytics
```

```
[ ]:  Azure Data Share
       A simple and safe service for sharing big data with external organizations
```

```
[ ]:  Azure Stream Analytics
       Real-time analytics on fast-moving streaming data
```

```
[ ]:  Data Catalog
       Get more value from your enterprise data assets
```

```
[ ]:  Event Hubs
       Receive telemetry from millions of devices
```

```
[ ]:  Power BI Embedded
       White label Power BI to quickly and easily provide exceptional customer
       facing dashboards and analytics in your own applications
```

```
[ ]:  Microsoft Purview
       Govern, protect, and manage your data estate
```

```
[ ]:  Azure Chaos Studio PREVIEW
       Improve application resilience by introducing faults and simulating outages
```

```
[ ]:  Azure Operator Service Manager PREVIEW
       Simplify the deployment, upgrade, and management of complex operator services
```

```
[ ]:  App Service
       Quickly create powerful cloud apps for web and mobile
```

```
[ ]:  Azure Quantum
       Jump in and explore a diverse selection of today's
       quantum hardware, software, and solutions
```

[ ]: Azure Spring Apps
      Build **and** deploy Spring Boot applications **with** a fully managed service **from**␣
        ↪**Microsoft** **and** VMware

[ ]: Batch
      Cloud-scale job scheduling **and** compute management

[ ]: Linux Virtual Machines
      Provision virtual machines **for** Ubuntu, Red Hat, **and** more

[ ]: Static Web Apps
      Streamlined full-stack development **from** **source** code to **global** high availability

[ ]: Virtual Machines
      Provision Windows **and** Linux VMs **in** seconds

[ ]: Windows Virtual Machines
      Provision virtual machines **for** SQL Server, SharePoint, **and** more

[ ]: Azure VM Image Builder
      Simplify your image building process **with** easy to use tool

[ ]: Azure Container Apps
      Build **and** deploy modern apps **and** microservices using serverless containers

[ ]: Azure Container Instances
      Launch containers **with** hypervisor isolation

[ ]: Azure CycleCloud
      Create, manage, operate, **and** optimize HPC **and** big compute clusters of **any** scale

[ ]: Azure Spot Virtual Machines
      Provision unused compute capacity at deep discounts to run interruptible␣
        ↪workloads

[ ]: Azure VMware Solution
      Run your VMware workloads natively on Azure

[ ]: Cloud Services
      Create highly-available, infinitely-scalable cloud applications **and** APIs

[ ]: SQL Server on Azure Virtual Machines
      Migrate SQL Server workloads to the cloud at lower total cost of ownership (TCO)

[ ]: Virtual Machine Scale Sets
      Manage **and** scale up to thousands of Linux **and** Windows VMs

[ ]: Azure Virtual Desktop
     Enable a secure, remote desktop experience from anywhere

[ ]: Azure Dedicated Host
     A dedicated physical server to host your Azure VMs for Windows and Linux

[ ]: Azure Kubernetes Service (AKS)
     Deploy and scale containers on managed Kubernetes

[ ]: Azure Functions
     Execute event-driven serverless code functions with an end-to-end development␣
       ↪experience

[ ]: Azure Service Fabric
     Deploy and operate always-on, scalable, distributed apps

[ ]: App Configuration
     Fast, scalable parameter storage for app configuration

[ ]: Azure Kubernetes Fleet Manager PREVIEW
     Seamlessly manage Kubernetes clusters at scale

[ ]: Azure Container Apps
     Build and deploy modern apps and microservices using serverless containers

[ ]: Web App for Containers
     Run containerized web apps on Windows and Linux

[ ]: Azure Service Fabric
     Deploy and operate always-on, scalable, distributed apps

[ ]: Azure Container Storage PREVIEW
     Manage persistent volumes for stateful container applications

[ ]: Azure Kubernetes Service (AKS)
     Deploy and scale containers on managed Kubernetes

[ ]: Azure Red Hat OpenShift
     Deploy and scale containers on managed Red Hat OpenShift

[ ]: Azure Functions
     Execute event-driven serverless code functions with an end-to-end development␣
       ↪experience

[ ]: Azure Container Instances
     Launch containers with hypervisor isolation

[ ]: Azure Container Registry
Build, store, secure, and replicate container images and artifacts

[ ]: Azure Cache for Redis
Accelerate apps with high-throughput, low-latency data caching

[ ]: Azure Data Factory
Hybrid data integration at enterprise scale, made easy

[ ]: Azure Database for MySQL
Fully managed, scalable MySQL Database

[ ]: Azure Database Migration Service
Accelerate your data migration to Azure

[ ]: Azure SQL Database
Build apps that scale with managed and intelligent SQL database in the cloud

[ ]: Azure SQL Managed Instance
Modernize SQL Server applications with a managed, always-up-to-date SQL
    ↪instance in the cloud

[ ]: Table Storage
NoSQL key-value store using semi-structured datasets

[ ]: Azure confidential ledger
Tamperproof, unstructured data store hosted in trusted execution environments
(TEEs) and backed by cryptographically verifiable evidence

[ ]: Azure Cosmos DB
Build or modernize scalable, high-performance apps

[ ]: Azure Database for MariaDB
Deploy applications to the cloud with enterprise-ready, fully managed community
    ↪MariaDB

[ ]: Azure Database for PostgreSQL
Fully managed, intelligent, and scalable PostgreSQL

[ ]: Azure SQL
Migrate, modernize, and innovate on the modern SQL family of cloud databases

[ ]: Azure SQL Edge
Consume Services privately on Azure Platform

[ ]: SQL Server on Azure Virtual Machines
Migrate SQL Server workloads to the cloud at lower total cost of ownership (TCO)

[ ]: Azure Managed Instance **for** Apache Cassandra
Modernize Cassandra data clusters **with** a managed instance **in** the cloud

[ ]: App Configuration
Fast, scalable parameter storage **for** app configuration

[ ]: Azure DevTest Labs
Quickly create environments using reusable templates **and** artifacts

[ ]: SDKs
Get the SDKs **and** command-line tools you need

[ ]: Visual Studio Code
A powerful, lightweight code editor **for** cloud development

[ ]: Microsoft Dev Box PREVIEW
Streamline development **with** secure, ready-to-code workstations **in** the cloud

[ ]: Azure DevOps
Services **for** teams to share code, track work, **and** ship software

[ ]: Azure Pipelines
Continuously build, test, **and** deploy to **any** platform **and** cloud

[ ]: Visual Studio
Powerful **and** flexible environment to develop apps **in** the cloud

[ ]: Azure Load Testing
Optimize app performance **with** high-scale load testing

[ ]: Azure Deployment Environments
Quickly spin up app infrastructure environments **with** project-based templates

[ ]: Azure Artifacts
Create, host, **and** share packages **with** your team

[ ]: Azure DevOps
Services **for** teams to share code, track work, **and** ship software

[ ]: Azure Monitor
Full observability into your applications, infrastructure, **and** network

[ ]: Azure Repos
Get unlimited, cloud-hosted private Git repos **for** your project

[ ]: DevOps tool integrations
Use your favorite DevOps tools **with** Azure

```
[ ]: Azure Managed Grafana
     Deploy Grafana dashboards as a fully managed Azure service
```

```
[ ]: Azure Deployment Environments
     Quickly spin up app infrastructure environments with project-based templates
```

```
[ ]: Azure Boards
     Plan, track, and discuss work across your teams
```

```
[ ]: Azure DevTest Labs
     Quickly create environments using reusable templates and artifacts
```

```
[ ]: Azure Pipelines
     Continuously build, test, and deploy to any platform and cloud
```

```
[ ]: Azure Test Plans
     Test and ship confidently with an exploratory test toolkit
```

```
[ ]: Azure Load Testing
     Optimize app performance with high-scale load testing
```

```
[ ]: Microsoft Dev Box PREVIEW
     Streamline development with secure, ready-to-code workstations in the cloud
```

```
[ ]: GitHub Advanced Security for Azure DevOps PREVIEW
     Develop securely from inception to ship
```

```
[ ]: Azure Active Directory (Azure AD)
     Synchronize on-premises directories and enable single sign-on
```

```
[ ]: Azure Database for PostgreSQL
     Fully managed, intelligent, and scalable PostgreSQL
```

```
[ ]: Azure ExpressRoute
     Experience a fast, reliable, and private connection to Azure
```

```
[ ]: Microsoft Sentinel
     Cloud-native SIEM and intelligent security analytics
```

```
[ ]: Azure SQL Edge
     Consume Services privately on Azure Platform
```

```
[ ]: Azure Stack HCI
     Run your production workloads and cloud-native apps anywhere
```

```
[ ]: Azure Stack Edge
     An Azure managed device that brings the compute, storage, and intelligence of␣
       ↪Azure to the edge

[ ]: Azure Kubernetes Service Edge Essentials
     Azure Kubernetes Service Edge Essentials is an on-premises Kubernetes
     implementation of Azure Kubernetes Service (AKS)
     that automates running containerized applications at scale.

[ ]: Azure Operator Service Manager PREVIEW
     Simplify the deployment, upgrade, and management of complex operator services

[ ]: Azure Arc
     Secure, develop, and operate infrastructure, apps, and Azure services anywhere

[ ]: Azure DevOps
     Services for teams to share code, track work, and ship software

[ ]: Azure IoT Edge
     Extend cloud intelligence and analytics to edge devices

[ ]: Azure SQL Database
     Build apps that scale with managed and intelligent SQL database in the cloud

[ ]: Azure Stack
     Build and run innovative hybrid apps across cloud boundaries

[ ]: Azure Stack Hub
     Azure Stack Hub is sold as an integrated hardware system, with software␣
       ↪pre-installed on validated hardware

[ ]: Azure Modular Datacenter
     A complete, rugged datacenter solution

[ ]: Azure Operator Insights PREVIEW
     Remove data silos and deliver business insights from massive datasets

[ ]: Azure Operator Nexus PREVIEW
     Discover a hybrid platform built for mission-critical mobile network
     applications and can support deployment of
     both containerized and virtualized network functions

[ ]: Azure Active Directory (Azure AD)
     Synchronize on-premises directories and enable single sign-on

[ ]: Azure Information Protection
     Better protect your sensitive information anytime, anywhere
```

[ ]: Azure Active Directory Domain Services
     Manage your domain controllers in the cloud

[ ]: Azure Active Directory External Identities
     Consumer identity and access management in the cloud

[ ]: API Management
     Publish APIs to developers, partners, and employees securely and at scale

[ ]: Event Grid
     Reliable event delivery at massive scale

[ ]: Service Bus
     Connect across private and public cloud environments

[ ]: Azure Data Manager for Energy PREVIEW
     Fully managed enterprise-grade OSDU Data Platform

[ ]: Azure Health Data Services
     Unify and manage health data and protected health information (PHI) in the cloud

[ ]: Logic Apps
     Automate the access and use of data across clouds

[ ]: Azure Web PubSub
     Easily build real-time messaging web applications using WebSockets and the
       ↪publish-subscribe pattern

[ ]: Microsoft Azure Data Manager for Agriculture PREVIEW
     Azure Data Manager for Agriculture extends the Microsoft Intelligent
     Data Platform with industry-specific data connectors and capabilities
     to bring together farm data from disparate sources, enabling organizations
     to leverage high quality datasets and accelerate the development
     of digital agriculture solutions

[ ]: API Management
     Publish APIs to developers, partners, and employees securely and at scale

[ ]: Azure Digital Twins
     Use IoT spatial intelligence to create models of physical environments

[ ]: Azure IoT Edge
     Extend cloud intelligence and analytics to edge devices

[ ]: Azure Machine Learning
     Use an enterprise-grade service for the end-to-end machine learning lifecycle

[ ]: Azure RTOS
     Making embedded IoT development and connectivity easy

[ ]: Azure SQL Edge
     Consume Services privately on Azure Platform

[ ]: Azure Time Series Insights
     Visualize IoT data in real time

[ ]: Kinect DK
     Build for mixed reality using AI sensors

[ ]: Notification Hubs
     Send push notifications to any platform from any back end

[ ]: Windows for IoT
     Build intelligent edge solutions with world-class
     developer tools, long-term support, and enterprise-grade security.

[ ]: Azure Cosmos DB
     Build or modernize scalable, high-performance apps

[ ]: Azure IoT Central
     Go from proof of concept to proof of value

[ ]: Azure IoT Hub
     Connect, monitor, and manage billions of IoT assets

[ ]: Azure Maps
     Add location data and mapping visuals to business applications and solutions

[ ]: Azure Sphere
     Create, connect, and maintain secured intelligent IoT devices from the edge to
       ↪the cloud

[ ]: Azure Stream Analytics
     Real-time analytics on fast-moving streaming data

[ ]: Event Grid
     Reliable event delivery at massive scale

[ ]: Logic Apps
     Automate the access and use of data across clouds

[ ]: Windows 10 IoT Core Services
     Long-term OS support and services to manage device updates and assess device
       ↪health

```
[ ]: Azure Functions
     Execute event-driven serverless code functions with an end-to-end development
      ↪experience
```

```
[ ]: Automation
     Simplify cloud management with process automation
```

```
[ ]: Defender External Attack Surface Management
     Safeguard the digital experience by discovering all internet-exposed
     resources with
     Microsoft Defender External Attack Surface Management (EASM)
```

```
[ ]: Azure Blueprints PREVIEW
     Enabling quick, repeatable creation of governed environments
```

```
[ ]: Azure Managed Applications
     Simplify management of cloud offerings
```

```
[ ]: Azure mobile app
     Stay connected to your Azure resources anytime, anywhere
```

```
[ ]: Azure Policy
     Implement corporate governance and standards at scale
```

```
[ ]: Azure Resource Manager templates
     Deliver infrastructure as code for all your Azure resources using Resource
      ↪Manager
```

```
[ ]: Azure Site Recovery
     Keep your business running with built-in disaster recovery service
```

```
[ ]: Microsoft Cost Management
     Monitor, allocate, and optimize cloud costs with transparency, accuracy, and
      ↪efficiency
```

```
[ ]: Network Watcher
     Network performance monitoring and diagnostics solution
```

```
[ ]: Azure Automanage
     Effortless automation of cloud and on-premises infrastructure
```

```
[ ]: Microsoft Purview
     Govern, protect, and manage your data estate
```

```
[ ]: Azure Managed Grafana
     Deploy Grafana dashboards as a fully managed Azure service
```

[ ]: **Azure Advisor**
Your personalized Azure best practices recommendation engine

[ ]: **Azure Backup**
Simplify data protection with built-in backup management at scale

[ ]: **Azure Lighthouse**
Empowering service providers to manage customers at scale and with precision

[ ]: **Azure Migrate**
Simplify migration and modernization with a unified platform

[ ]: **Azure Monitor**
Full observability into your applications, infrastructure, and network

[ ]: **Azure Resource Manager**
Simplify how you manage your app resources

[ ]: **Azure Service Health**
Personalized guidance and support for when issues in Azure services affect you

[ ]: **Cloud Shell**
Streamline Azure administration with a browser-based shell

[ ]: **Microsoft Azure portal**
Build, manage, and monitor all Azure products in a single, unified console

[ ]: **Traffic Manager**
Route incoming traffic for high performance and availability

[ ]: **Azure Resource Mover**
Simplify how you move multiple resources between Azure regions

[ ]: **Azure Chaos Studio PREVIEW**
Improve application resilience by introducing faults and simulating outages

[ ]: **Update management center PREVIEW**
Centrally manage updates and compliance at scale

[ ]: **Azure Media Player**
A single player for all your playback needs

[ ]: **Content Protection**
Securely deliver content using AES, PlayReady, Widevine, and Fairplay

[ ]: **Live and On-Demand Streaming**
Deliver content to virtually all devices with ability to scale

[ ]: Content Delivery Network
Fast, reliable content delivery network **with global** reach

[ ]: Encoding
Studio grade encoding at cloud scale

[ ]: Media Services
Encode, store, **and** stream video **and** audio at scale

[ ]: Azure Database Migration Service
Accelerate your data migration to Azure

[ ]: Azure Site Recovery
Keep your business running **with** built-**in** disaster recovery service

[ ]: Azure Data Box
Appliances **and** solutions **for** data transfer to Azure **and** edge compute

[ ]: Azure Migrate
Simplify migration **and** modernization **with** a unified platform

[ ]: Microsoft Cost Management
Monitor, allocate, **and** optimize cloud costs **with** transparency, accuracy, **and**
  ↪efficiency

[ ]: Azure Digital Twins
Use IoT spatial intelligence to create models of physical environments

[ ]: Remote Rendering
Render high-quality, interactive 3D content **with** real-time streaming

[ ]: Object Anchors PREVIEW
Automatically align **and** anchor 3D content to objects **in** the physical world

[ ]: Kinect DK
Build **for** mixed reality using AI sensors

[ ]: Spatial Anchors
Create multi-user, spatially aware mixed reality experiences

[ ]: API Management
Publish APIs to developers, partners, **and** employees securely **and** at scale

[ ]: App Service
Quickly create powerful cloud apps **for** web **and** mobile

[ ]: Azure Maps
Add location data and mapping visuals to business applications and solutions

[ ]: Notification Hubs
Send push notifications to any platform from any back end

[ ]: App Center
Build, test, release, and monitor your mobile and desktop apps

[ ]: Azure Communication Services
Build multichannel communication experiences

[ ]: App Configuration
Fast, scalable parameter storage for app configuration

[ ]: Azure Cognitive Search
Enterprise scale search for app development

[ ]: Azure Cognitive Services
Add cognitive capabilities to apps with APIs and AI services

[ ]: Spatial Anchors
Create multi-user, spatially aware mixed reality experiences

[ ]: Xamarin
Create cloud-powered mobile apps faster

[ ]: Application Gateway
Build secure, scalable, highly available web front ends in Azure

[ ]: Azure DDoS Protection
Protect your Azure resources from distributed denial-of-service (DDoS) attacks

[ ]: Azure ExpressRoute
Experience a fast, reliable, and private connection to Azure

[ ]: Load Balancer
Deliver high availability and network performance to your apps

[ ]: Azure Front Door
Modern cloud CDN that delivers optimized experiences to your users anywhere

[ ]: Azure Private Link
Private access to services hosted on the Azure platform, keeping your data on
    ↪the Microsoft network

[ ]: Network Watcher
Network performance monitoring and diagnostics solution

[ ]: Virtual Network
Create your own private network infrastructure in the cloud

[ ]: Virtual WAN
Optimize and automate branch to branch connectivity through Azure

[ ]: Web Application Firewall
A cloud-native web application firewall (WAF) service that provides powerful␣
↪protection for web apps

[ ]: Azure Route Server
Enable network appliances to exchange routes dynamically with virtual networks␣
↪in Azure

[ ]: Azure Private 5G Core
Rapidly deploy and manage private 5G networks at the enterprise edge

[ ]: Azure Bastion
Fully managed service that helps secure remote access to your virtual machines

[ ]: Azure DNS
Host your Domain Name System (DNS) domain in Azure

[ ]: Azure Firewall
Protect your Azure Virtual Network resources with cloud-native network security

[ ]: Azure Firewall Manager
Central network security policy and route management for globally distributed,␣
↪software-defined perimeters

[ ]: Azure Internet Analyzer PREVIEW
Test how networking infrastructure changes will impact your customers'␣
↪performance.

[ ]: Content Delivery Network
Fast, reliable content delivery network with global reach

[ ]: Traffic Manager
Route incoming traffic for high performance and availability

[ ]: Azure Virtual Network Manager
Centrally manage virtual networks in Azure from a single pane of glass

[ ]: VPN Gateway
Establish secure, cross-premises connectivity

[ ]: Azure Orbital Ground Station
Rapidly ingest data from space into the cloud with a satellite ground station
↪service

[ ]: Azure Network Function Manager
Extend Azure management for deploying 5G and SD-WAN network functions on edge
↪devices

[ ]: Azure Communications Gateway
Rapidly connect your fixed and mobile networks with Microsoft Teams

[ ]: App Configuration
Fast, scalable parameter storage for app configuration

[ ]: Azure Active Directory (Azure AD)
Synchronize on-premises directories and enable single sign-on

[ ]: Microsoft Defender for Cloud
Protect your multi-cloud and hybrid environments

[ ]: Azure Bastion
Fully managed service that helps secure remote access to your virtual machines

[ ]: Azure Dedicated HSM
Manage hardware security modules that you use in the cloud

[ ]: Azure Firewall Manager
Central network security policy and route management for
globally distributed, software-defined perimeters

[ ]: Azure Information Protection
Better protect your sensitive information—anytime, anywhere

[ ]: Key Vault
Safeguard and maintain control of keys and other secrets

[ ]: Web Application Firewall
A cloud-native web application firewall (WAF) service that
provides powerful protection for web apps

[ ]: Azure confidential ledger
Tamperproof, unstructured data store hosted in trusted execution
environments (TEEs) and backed by cryptographically verifiable evidence

[ ]: Application Gateway
     Build secure, scalable, highly available web front ends in Azure

[ ]: Azure Active Directory Domain Services
     Manage your domain controllers in the cloud

[ ]: Defender External Attack Surface Management
     Safeguard the digital experience by discovering all internet-exposed resources
     with Microsoft Defender External Attack Surface Management (EASM)

[ ]: Azure DDoS Protection
     Protect your Azure resources from distributed denial-of-service (DDoS) attacks

[ ]: Azure Firewall
     Protect your Azure Virtual Network resources with cloud-native network security

[ ]: Azure Front Door
     Modern cloud CDN that delivers optimized experiences to your users anywhere

[ ]: Microsoft Sentinel
     Cloud-native SIEM and intelligent security analytics

[ ]: VPN Gateway
     Establish secure, cross-premises connectivity

[ ]: Microsoft Azure Attestation
     A unified solution for remotely verifying the trustworthiness
     of a platform and integrity of the binaries running inside it

[ ]: Archive Storage
     Industry leading price point for storing rarely accessed data

[ ]: Azure Backup
     Simplify data protection with built-in backup management at scale

[ ]: Azure Data Lake Storage Gen1
     Hyperscale repository for big data analytics workloads

[ ]: Azure Files
     Simple, secure and serverless enterprise-grade cloud file shares

[ ]: Azure NetApp Files
     Enterprise-grade Azure file shares, powered by NetApp

[ ]: Azure Data Box
     Appliances and solutions for data transfer to Azure and edge compute

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[ ]: Queue Storage
     Effectively scale apps according to traffic

[ ]: Storage Explorer
     View and interact with Azure Storage resources

[ ]: Azure confidential ledger
     Tamperproof, unstructured data store hosted in trusted execution environments␣
       ↪(TEEs)
     and backed by cryptographically verifiable evidence

[ ]: Azure Managed Lustre PREVIEW
     Azure Managed Lustre is a fully managed, cloud based parallel file system that␣
       ↪enables customers to
     run their high performance computing (HPC) workloads in the cloud

[ ]: Avere vFXT for Azure
     Run high-performance, file-based workloads in the cloud

[ ]: Azure Data Lake Storage
     Scalable, secure data lake for high-performance analytics

[ ]: Azure Data Share
     A simple and safe service for sharing big data with external organizations

[ ]: Azure HPC Cache
     File caching for high-performance computing (HPC)

[ ]: Azure Blob Storage
     Massively scalable and secure object storage

[ ]: Azure Disk Storage
     High-performance, highly durable block storage

[ ]: Storage Accounts
     Durable, highly available, and massively scalable cloud storage

[ ]: StorSimple
     Lower costs with an enterprise hybrid cloud storage solution

[ ]: Azure Elastic SAN PREVIEW
     Elastic SAN is a cloud-native storage area network (SAN) service built on Azure.
     Gain access to an end-to-end experience like your on-premises SAN

[ ]: Azure Container Storage PREVIEW
     Manage persistent volumes for stateful container applications
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[ ]: Azure Lab Services
Set up virtual labs **for** classes, training, hackathons, **and** other related scenarios

[ ]: VMware Horizon Cloud on Microsoft Azure
Provision Windows desktops **and** apps **with** VMware **and** Azure Virtual Desktop

[ ]: Microsoft Dev Box PREVIEW
Streamline development **with** secure, ready-to-code workstations **in** the cloud

[ ]: Azure Virtual Desktop
Enable a secure, remote desktop experience **from** **anywhere**

[ ]: Citrix Virtual Apps **and** Desktops **for** Azure
Provision Windows desktops **and** apps on Azure **with** Citrix **and** Azure Virtual Desktop

[ ]: API Management
Publish APIs to developers, partners, **and** employees securely **and** at scale

[ ]: App Service
Quickly create powerful cloud apps **for** web **and** mobile

[ ]: Azure Maps
Add location data **and** mapping visuals to business applications **and** solutions

[ ]: Content Delivery Network
Fast, reliable content delivery network **with** **global** reach

[ ]: Static Web Apps
Streamlined full-stack development **from** **source** code to **global** high availability

[ ]: Azure Web PubSub
Easily build real-time messaging web applications using WebSockets **and** the publish-subscribe pattern

[ ]: Azure Container Apps
Build **and** deploy modern apps **and** microservices using serverless containers

[ ]: App Configuration
Fast, scalable parameter storage **for** app configuration

[ ]: Azure Cognitive Search
Enterprise scale search **for** app development

[ ]: Azure SignalR Service
Add real-time web functionalities easily

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[ ]: Notification Hubs
     Send push notifications to any platform from any back end
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[ ]: Azure Communication Services
     Build multichannel communication experiences
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[ ]: Azure Fluid Relay
     Easily add real-time collaborative experiences to your apps with Fluid Framework
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[ ]: Web App for Containers
     Run containerized web apps on Windows and Linux
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5 THE END