

8. technical words

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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

- []: 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

[]: