






























AWS Analytics services

Category	Service	Used for
Analytics	 Amazon Athena	Interactive analytics; Query data in S3 using SQL.
	 Amazon EMR	Big data processing; Hosted Hadoop framework.
	 Amazon Redshift	Data warehousing; Fast, simple, cost-effective data warehousing.
	 Amazon Kinesis	Real-time analytics; Analyze real-time video and data streams.
	 Amazon Elasticsearch Service	Operational analytics; Run and scale Elasticsearch clusters.
	 Amazon QuickSight	Dashboards and visualizations; Fast business analytics service.
Data movement	 AWS Glue DataBrew	Visual data preparation; Clean and normalize data up to 80% faster.
	 AWS Glue	Real-time data movement; Prepare and load data.
	 Amazon Managed Streaming for Apache Kafka (MSK)	Real-time data movement; Fully managed, highly available, and secure Apache Kafka service.
	 Amazon Kinesis Data Streams	Real-time data movement; Collect streaming data, at scale, for real-time analytics.
	 Amazon Kinesis Data Firehose	Real-time data movement; Prepare and load real-time data streams into data stores and analytics tools.
	 Amazon Kinesis Video Streams	Real-time data movement; Capture, process, and store video streams for analytics and machine learning.
Data lake	 Amazon S3	Object storage; Object storage built to store and retrieve any amount of data from anywhere.
	 AWS Lake Formation	Object storage; Data catalog; Build a secure data lake in days.
	 Amazon S3 Glacier	Backup and archive; Low-cost archive storage in the cloud.
	 AWS Backup	Backup and archive; Centralized backup across AWS services.
	 AWS Glue	Data catalog; Prepare and load data.




Predictive analytics and machine learning	 AWS Lake Formation	Third-party data; Find and subscribe to third-party data in the cloud.
	 AWS Deep Learning AMLs	Frameworks and interfaces; Deep learning on Amazon EC2.
	 Amazon SageMaker	Platform services; Build, train, and deploy machine learning models at scale.

AWS Application Integration services







Category	Service	Used for
API Management	 Amazon API Gateway	Build, deploy, and manage APIs; Create, publish, maintain, monitor and secure REST and Websocket APIs at any scale.
	 AWS AppSync	Power your apps with the right data from many sources, at scale; Create, publish, maintain, monitor and secure GraphQL APIs and Subscriptions at any scale.
Event Bus	 Amazon EventBridge	Serverless event bus for SaaS apps & AWS services; Build an event-driven architecture that connects application data from your own apps, SaaS, and AWS services.
Messaging	 Amazon Simple Notification Service (SNS)	Managed message topics for pub/sub; Reliable high throughput pub/sub, SMS, email, and mobile push notifications.
	 Amazon Simple Queue Service (SQS)	Managed message queues; Message queue that sends, stores, and receives messages between application components at any volume.
	 Amazon MQ	Managed message broker service; Message broker for Apache ActiveMQ and RabbitMQ that makes migration easy and enables hybrid architectures.
No-code API Integration	 Amazon AppFlow	Securely integrate apps and automate data flows at nearly any scale, without code; Automate the flow of data between SaaS applications and AWS services at nearly any scale, without code.
Workflows	 AWS Step Functions	Coordination for distributed applications; Coordinate multiple AWS services into serverless workflows so you can build and

	 Amazon Managed Workflows for Apache Airflow (MWAA)	update apps quickly Highly available, secure, and managed workflow orchestration for Apache Airflow; Run Apache Airflow at scale without provisioning or managing infrastructure.
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AWS Blockchain services

Category	Service	Use for
Centralized ownership	 Amazon Quantum Ledger Database (QLDB)	Fully managed ledger database that provides a centralized, immutable, and cryptographically verifiable transaction log.
Centralized ownership	 Amazon Managed Blockchain	Fully managed service that makes it easy to create and manage scalable blockchain networks and distributed ledger technology.
Partner Network	 AWS Blockchain Partners	AWS marketplace provides 70+ validated blockchain and distributed ledger technology solutions from AWS partners.

AWS Business Application services

Category	Service	Use for
Line of Business Applications	 Amazon Connect	Easy to use omnichannel cloud contact center that helps you provide superior customer service at a lower cost.
	 Amazon Pinpoint	Multichannel marketing communications; Flexible and scalable outbound and inbound marketing communications service across email, SMS, push, or voice.
Productivity Applications	 Amazon Honeycode	Gives you the power to build apps for managing your team's work. No programming required.
	 Amazon Chime	Frustration-free meetings, video calls, and chat; Meet, chat, and place business calls inside and outside your organization, all using a single application.
	 Amazon WorkDocs	Secure enterprise document storage and sharing; Fully managed, secure content creation, storage, and collaboration service, allowing you to easily create, edit, and share content from anywhere on any device.
	 Amazon	Secure, managed business email and calendar service with



AWS Services Cheat Sheet

Communication Developer Services	WorkMail	support for existing desktop and mobile email client applications
	Alexa for Business	Enables organizations and employees to use Alexa as their intelligent assistant to get more work done.
	Amazon Chime SDK	Real-time messaging, audio, video, and screen sharing; Add audio calling, video calling, and screen sharing capabilities directly to your applications.
	Amazon Chime Voice Connector	Cost-effective SIP trunking and advanced telephony features; Enables you to connect your phone system to the telephone network at a substantial cost savings by using SIP trunking.
	Amazon Simple Email Service (SES)	High-scale inbound and outbound email; Cost-effective, flexible, and scalable email service that enables developers to send mail from within any application.
	Amazon Pinpoint APIs	Flexible mobile SMS and push notifications; Send mobile messages to your customers with the scale of AWS, but you only pay for what you use.
	Amazon WorkDocs SDK	Secure file collaboration and management; Removes the complexity of building file collaboration and management capabilities into your solutions and applications.













AWS Cloud Financial Management services












Category	Service	Use for
Organize (Construct your cost allocation and governance foundation with your own tagging strategy)	AWS Cost Allocation Tags	Use tags to organize your resources, and cost allocation tags to track your AWS costs on a detailed level.
	AWS Cost Categories	Group cost and usage information into meaningful categories based on your needs.
Report (Raise awareness and accountability of your cloud spend with the detailed, allocable cost data)	AWS Cost Explorer	An easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time.
	AWS Cost and Usage Report	Contains the most comprehensive set of AWS cost and usage data available
	AWS Application Cost Profiler	Provides you the ability to track the consumption of shared AWS resources used by software applications and

Access (Track billing information across the organization in a consolidated view)	AWS Consolidated Billing	report granular cost breakdown across tenant base. Consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts.
	AWS Purchase Order Management	Manage your AWS purchase orders (POs) in a self-service manner.
	AWS Credits	AWS credits are applied to bills to help cover costs that are associated with eligible services.
Control (Establish effective governance mechanisms with the right guardrails in place)	AWS Cost Anomaly Detection	Leverages advanced Machine Learning technologies to identify anomalous spend and root causes
	AWS Identity and Access Management (IAM)	Enables you to manage access to AWS services and resources securely.
	AWS Organizations	Centrally manage and govern your environment as you grow and scale your AWS resources.
	AWS Control Tower	Provides the easiest way to set up and govern a secure, multi-account AWS environment, called a landing zone.
	AWS Service Catalog	Allows organizations to create and manage catalogs of IT services that are approved for use on AWS.
Forecast (Estimate your resource utilization and spend with forecast dashboards that you create)	AWS Cost Explorer (Self-Service)	Provides an estimate of what your AWS bill will be and enables you to use alarms and budgets for amounts that you're predicted to use.
	AWS Budgets (Event-Driven)	View the state of your budgets at a glance on the Budgets dashboard.
	AWS Budgets	Set custom budgets to track your cost and usage from the simplest to the most complex use cases.
Budge (Keep your spend in check with custom budget threshold and auto alert notification)	AWS Budget Actions	Act on your behalf and stop the activities that caused the overage.
	AWS Service Catalog	To create the budgets policy, to create a budget, to associate a budget, and to disassociate a budget.
	AWS Free Tier	Gain free, hands-on experience with the AWS platform, products, and services
Purchase (Leverage free trials and programmatic discounts based on your workload pattern and	AWS Reserved Instances	Save when you reserve. 3 available options – All up-front (AURI), partial up-front (PURI) or no upfront payments (NURI).

needs)	AWS Savings Plans	A flexible pricing model offering lower prices compared to On-Demand pricing, in exchange for a specific usage commitment (measured in \$/hour) for a one or three-year period.
	AWS Spot Instances	Run fault-tolerant workloads for up to 90% off.
	Amazon DynamoDB On-demand	With on-demand capacity mode, DynamoDB charges you for the data reads and writes your application performs on your tables.
Elasticity (Scale and schedule your services based on your expected utilization pattern and needs)	AWS Instance Scheduler	Control your AWS resource cost by configuring start and stop schedules for their Amazon Elastic Compute Cloud (Amazon EC2) and Amazon Relational Database Service (Amazon RDS) instances. Stop resources that are not in use and start resources when capacity is needed.
	Amazon Redshift pause and resume	Manage clusters in Amazon Redshift with pausing and resuming operations.
	EC2 Auto Scaling	Maintain application availability and automatically add or remove EC2 instances according to conditions you define.
	AWS Trusted Advisor	Provides recommendations that help you follow AWS best practices.
	AWS Cost Explorer Right Sizing Recommendations	Match instance types and sizes to your workload performance and capacity requirements at the lowest possible cost.
Right Size (Align your service allocation size to your actual workload demand)	AWS Compute Optimizer	Recommends optimal AWS resources for your workloads to reduce costs and improve performance by using machine learning to analyze historical utilization metrics.
	Amazon Redshift resize	Manage clusters in Amazon Redshift with resizing operation.
	Amazon S3 Intelligent Tiering	A storage class designed for data with unknown or changing access patterns.
Inspect (Stay up-to-date with your resource deployment and cost optimization opportunities)	AWS Cost Explorer	An easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time.












AWS Compute services

Category	Service	Used for
Instances (Virtual machines)	 Amazon Elastic Compute Cloud (EC2)	Secure and resizable compute capacity in the cloud. Launch applications when needed without upfront commitments.
	 Amazon EC2 Spot	Take advantage of unused EC2 capacity to run fault-tolerant workloads in the AWS cloud. Spot Instances are available at up to a 90% discount compared to On-Demand prices.
	 Amazon EC2 Autoscaling	Maintain application availability and automatically add or remove EC2 instances according to conditions you define.
	 Amazon Lightsail	Easy-to-use cloud platform that offers you everything you need to build an application or website; Virtual servers, storage, databases, and networking for a low, predictable price.
	 AWS Batch	Fully managed batch processing at any scale.
	 Amazon Elastic Container Service (ECS)	Highly secure, reliable, and scalable way to run and manage Docker containers.
Containers	 Amazon ECS Anywhere	Run containers on customer-managed infrastructure.
	 Amazon Elastic Container Registry (ECR)	Easily store, manage, and deploy container images.
	 Amazon Elastic Kubernetes Service (EKS)	Fully managed Kubernetes service.
	 Amazon EKS Anywhere	Create and operate Kubernetes clusters on your own infrastructure.
	 AWS Fargate	Serverless compute for containers.
	 AWS App Runner	Production web applications at scale made easy for developers; Build and run containerized applications on a fully managed service.











Serverless	 AWS Lambda	Run code without provisioning or managing servers. Pay only for the compute time you consume.
	 AWS Outposts	Fully managed service that extends AWS infrastructure, AWS services, APIs, and tools to virtually any datacenter, co-location space, or on-premises facility for a truly consistent hybrid experience.
	 AWS Snow Family	Collect and process data in rugged or disconnected edge environments.
	 AWS Wavelength	Build applications that deliver single-digit millisecond latencies to mobile devices and end-users; Deliver ultra-low latency application for 5G devices.
	 VMware Cloud on AWS	Build a hybrid cloud without custom hardware; Preferred service for all vSphere workloads to rapidly extend and migrate to the cloud.
	 AWS Local Zones	Easily run latency-sensitive portions of applications local to end-users and resources in a specific geography, delivering single-digit millisecond latency.
Cost and Capacity Management	 AWS Savings Plan	Flexible pricing model that provides savings of up to 72% on AWS compute usage.
	 AWS Compute Optimizer	Recommends optimal AWS Compute resources for your workloads to reduce costs and improve performance
	 AWS Elastic Beanstalk	Easy-to-use service for deploying and scaling web applications and services.
	 EC2 Image Builder	Build and maintain secure Linux or Windows Server images.
	 Elastic Load Balancing (ELB)	Automatically distribute incoming application traffic across multiple targets.

AWS Containers Services

Service	Use for
 Amazon Elastic Container Registry (ECR)	Share and deploy container software, publicly or privately; A fully managed container registry that makes it easy to store, manage, share, and deploy your container images and artifacts anywhere.
 Amazon Elastic Container Service	Run containerized applications or build microservices; A fully managed container orchestration service that provides the most secure, reliable and scalable way

(ECS)	to run containerized applications.
 Amazon ECS Anywhere	Run containers on customer-managed infrastructure; A deployment option for Amazon ECS that enables you to easily run containers on customer-managed infrastructure, including on your own virtual machines (VMs) and bare metal servers.
 Amazon Elastic Kubernetes Service (EKS)	Manage containers with Kubernetes; A fully managed Kubernetes service that provides the most secure, reliable, and scalable way to run containerized applications using Kubernetes.
 Amazon EKS Anywhere	Create and operate Kubernetes clusters on your own infrastructure; A deployment option for Amazon EKS that enables you to easily create and operate Kubernetes clusters on-premises, including on your own virtual machines (VMs) and bare metal servers.
 Amazon EKS Distro	Run the Kubernetes distribution that powers Amazon EKS; A Kubernetes distribution (same as used by Amazon EKS) to help create reliable and secure clusters.
 AWS Proton	Automated management for container and serverless deployments; AWS Proton is the first fully managed application deployment service for container and serverless applications. Platform engineering teams can use Proton to connect and coordinate all the different tools needed for infrastructure provisioning, code deployments, monitoring, and updates.
 AWS Fargate	Run containers without managing servers; A serverless compute engine for containers that works with both Amazon Elastic Container Service (ECS) and Amazon Elastic Kubernetes Service (EKS). Fargate removes the need to provision and manage servers, lets you specify and pay for resources per application, and improves security through application isolation by design.
 Amazon Lightsail	Run simple containerized applications for a fixed, monthly price; Lightsail is an easy-to-use virtual private server (VPS) that offers you everything needed to build an application or website, plus a cost-effective, monthly plan.
 Amazon Elastic Compute Cloud (EC2)	Run containers with server-level control; EC2 virtual machines gives you control of your server clusters and provide a broad range of customization options.
 AWS App2Container	Containerize and migrate existing applications; AWS App2Container (A2C) is a software tool for modernizing .NET and Java applications into containerized applications.
 AWS Copilot	Quickly launch and manage containerized applications; AWS App Runner is a fully managed service that makes it easy for developers to quickly deploy containerized web applications and APIs, at scale and with no prior infrastructure experience required.
 AWS App Runner	Build and run containerized applications on a fully managed service; A fully managed service that makes it easy for developers to quickly deploy containerized web applications and APIs, at scale and with no prior infrastructure experience required.

AWS Database services

Category	Service	Used for
Relational	 Amazon Aurora	Traditional applications, ERP, CRM, e-commerce; MySQL and PostgreSQL-compatible relational database built for the cloud. Performance and availability of commercial-grade databases at 1/10th the cost
	 Amazon RDS	Traditional applications, ERP, CRM, e-commerce; Set up, operate, and scale a relational database in the cloud with just a few clicks.
	 Amazon Redshift	Traditional applications, ERP, CRM, e-commerce; The most popular and fastest cloud data warehouse.
Key-value	 Amazon DynamoDB	High-traffic web apps, e-commerce systems, gaming applications; Fast and flexible NoSQL database service for any scale.
In-memory	 Amazon ElastiCache for Memcached	Caching, session management, gaming leaderboards, geospatial applications; Managed, Memcached-compatible, in-memory store. Sub-millisecond latency to power real-time applications.
	 Amazon ElastiCache for Redis	Caching, session management, gaming leaderboards, geospatial applications; Redis compatible in-memory data store built for the cloud. Power real-time applications with sub-millisecond latency.
Document	 Amazon DocumentDB (with MongoDB compatibility)	Content management, catalogs, user profiles; Fast, scalable, highly available MongoDB-compatible database service.
Wide column	 Amazon Keyspaces (for Apache Cassandra)	High scale industrial apps for equipment maintenance, fleet management, and route optimization; Managed Cassandra-compatible database.
Graph	 Amazon Neptune	Fraud detection, social networking, recommendation engines; Fraud detection, social networking, recommendation engines.
Time series	 Amazon Timestream	IoT applications, DevOps, industrial telemetry; Fast, scalable, fully managed time series database














Ledger



Amazon QLDB

Systems of record, supply chain, registrations, banking transactions;
Fully managed ledger database that provides a transparent, immutable, and cryptographically verifiable transaction log. Owned by a central trusted authority.

AWS Developer Tools

Service	Used for
 Amazon CodeGuru	Find your most expensive lines of code and improve code quality; A developer tool that provides intelligent recommendations to improve code quality and identify an application's most expensive lines of code.
 Amazon Corretto	No-cost, multiplatform, production-ready distribution of OpenJDK; Develop and run Java applications on popular operating systems, including Linux, Windows, and macOS.
 AWS Cloud Development Kit	An open source software development framework to define your cloud application resources using familiar programming languages.
 AWS Cloud9	A cloud-based integrated development environment (IDE) that lets you write, run, and debug your code with just a browser.
 AWS CloudShell	Command line access to AWS resources and tools directly from a browser.
 AWS CodeArtifact	A fully managed artifact repository service that makes it easy for organizations of any size to securely store, publish, and share software packages used in their software development process.
 AWS CodeBuild	A fully managed continuous integration service that compiles source code, runs tests, and produces software packages that are ready to deploy; Build and test code with continuous scaling. Pay only for the build time you use.
 AWS CodeCommit	A secure, highly scalable, managed source control service that hosts private Git repositories.
 AWS CodeDeploy	A fully managed deployment service that automates software deployments to a variety of compute services such as Amazon EC2, AWS Fargate, AWS Lambda, and your on-premises servers.
 AWS CodePipeline	A fully managed continuous delivery service that helps you automate your release pipelines for fast and reliable application and infrastructure updates.
 AWS CodeStar	Provides a unified user interface, enabling you to easily manage your software development activities in one place.
 AWS Command Line Interface	A unified tool to manage, control, and automate scripts for AWS services, from the command line.
 AWS Device Farm	An application testing service that lets you improve the quality of your web and mobile apps by testing them across an extensive range of desktop browsers and real mobile devices hosted in the AWS Cloud.



AWS Fault Injection Simulator

A fully managed service for running fault injection experiments on AWS to improve an application's performance, observability, resiliency and availability.



Tools & SDKs




Remove coding complexity through the use of language-specific APIs for AWS services.







AWS X-Ray





Analyze and debug production, distributed applications, such as those built using a microservices architecture.

AWS End User Computing (EUC) services



Category	Service	Use for
Cloud native persistent desktops	 Amazon WorkSpaces	A fully managed, persistent desktop virtualization service that enables your users to access the data, applications, and resources they need, anywhere, anytime, from any supported device.
Cloud native non-persistent desktops and applications	 Amazon AppStream 2.0	A fully managed non-persistent desktop and application virtualization service that allows your users to securely access the data, applications, and resources they need, anywhere, anytime, from any supported device.
Secure mobile access	 Amazon WorkLink	A fully managed service that lets you provide your employees with secure, easy access to your internal corporate websites and web apps using their mobile phones.

AWS Front-End Web & Mobile tools & services







Lifecycle	Service	Used for
Develop	 AWS Amplify	Development platform for building secure, scalable mobile and web applications. Used for: authentication, storage, datastore, functions, APIs(GraphQL, REST), Analytics, Chatbot, AI/ML, IoT, Push notifications.
	 Amazon Chime SDK	Add audio calling, video calling, and screen sharing capabilities directly to your applications. Used for: audio, video, desktop sharing.
	 Amazon Location Service	Securely and easily add location data to applications. Used for: geolocation.
	 AWS Amplify	Development platform for building secure, scalable mobile and web applications. Deploy and host static and server-rendered web
Deliver		






	 AWS App Runner	applications. Development platform for building secure, scalable mobile and web applications. Deploy and run containerized applications.
Test & monitor	 AWS Device Farm	Improve the quality of your web and mobile applications by testing across desktop browsers and real mobile devices hosted in the AWS Cloud. Device and browser testing.
	 Amazon CloudWatch	Observability of your AWS resources and applications on AWS and on-premises. Monitor app performance.
Engage	 Amazon Pinpoint	Flexible and scalable outbound and inbound marketing communications service across email, SMS, push, or voice. Used for: marketing campaigns, transactional messages, bulk communications.

AWS Game Tech









Service	Use for
 Amazon GameLift	Simple, fast, cost-effective dedicated games server hosting.
 Amazon Lumberyard	A free cross-platform 3D game engine, with full source, integrated with AWS and Twitch.









AWS IoT services








Category	Service	Used for
Device software (Connect your devices and operate them at the edge.)	 FreeRTOS	Real-time operating system for microcontrollers that makes small, low-power edge devices easy to program, deploy, secure, connect, and manage.
	 AWS IoT Greengrass	Run local compute, messaging, data caching, sync, and machine learning inference capabilities on connected devices in a secure way.
	 AWS IoT 1-Click	Trigger AWS Lambda functions from simple devices.
	 AWS IoT Button	Cloud programmable dash button.
Connectivity & control (Secure, control, and manage your	 AWS IoT Core	Connect devices easily and securely interact with cloud applications and other devices.
	 AWS IoT Device	Continuously monitors and audits your IoT configurations to make sure that they aren't





devices from the cloud.)	Defender	deviating from security best practices.
	 AWS IoT Device Management	Onboard, organize, and remotely manage IoT devices. Securely register, organize, monitor, and remotely manage IoT devices at scale.
	 AWS IoT Analytics	Run sophisticated analytics on massive volumes of IoT data.
	 AWS IoT SiteWise	IoT data collector and interpreter. Collect, organize and analyze industrial data at scale.
Analytics (Work with IoT data faster to extract value from your IoT data.)	 AWS IoT Events	Detect and respond to events from large numbers of IoT sensors and applications.
	 AWS IoT Things Graph	Connect different devices and cloud services to build IoT applications.

AWS Machine Learning services







Category	Service	Used for
AI services	 Amazon Kendra	Reinvent enterprise search with ML. Help customers and employees find what they need quickly by adding natural language search to your websites and applications.
	 Amazon Personalize	Build real-time recommendations into your applications.
	 Amazon Connect	Easy to use omnichannel cloud contact center that helps you provide superior customer service at a lower cost.
Automated data extraction and analysis	 Amazon Textract	Extract printed text, handwriting, and data from virtually any document.
	 Amazon Comprehend	Discover insights and relationships in text. A natural-language processing (NLP) service that uses machine learning to uncover information in unstructured data.
	 Amazon Translate	A neural machine translation service that delivers fast, high-quality, affordable, and customizable language translation.
Business metrics analysis	 Amazon Lookout for Metrics	Automatically detect and diagnose anomalies (i.e. outliers from the norm) in business and operational data, such as a sudden dip in sales revenue or customer acquisition rates.
	 Amazon Forecast	A fully managed service that uses machine learning to











	 Amazon Fraud Detector	deliver highly accurate time-series forecasting service. A fully managed service that uses machine learning (ML) to identify potentially fraudulent and help customers catch more online fraud faster.
Vision	 Amazon Lookout for Vision	A machine learning (ML) service that use computer vision (CV) to identify missing components in products, damage to vehicles or structures, irregularities in production lines-or any other physical item where quality is important.
	 AWS Panorama	A machine learning Appliance and Software Development Kit (SDK) that allows organizations to bring computer vision (CV) to on-premises cameras to make predictions locally with high accuracy and low latency. Improves operations by automating monitoring and visual inspection tasks like evaluating manufacturing quality, finding bottlenecks in industrial processes, and assessing worker safety within facilities.
	 Amazon Rekognition	Add image and video analysis to your applications to catalog assets, automate media workflows, and extract meaning. Identify objects, people, text, scenes, and activities in images and videos, as well as detect any inappropriate content.
Language AI	 Amazon Lex	A service for building conversational interfaces into any application using voice and text. Easily build conversational agents to improve customer service and increase contact center efficiency.
	 Amazon Transcribe	Automatically convert speech to text. Easily add high-quality automatic speech recognition capabilities to your applications and workflows.
	 Amazon Polly	A service that turns text into lifelike speech, allowing you to create applications that talk, and build entirely new categories of speech-enabled products.
Code and DevOps	 Amazon DevOps Guru	A Machine Learning (ML) powered service that makes it easy to improve an application's operational performance and availability.






Industrial		Detects behaviors that deviate from normal operating patterns so you can identify operational issues long before they impact your customers.
	 Amazon CodeGuru Reviewer	Automate code reviews and optimize application performance with ML-powered recommendations. Find critical issues, security vulnerabilities and hard-to-find bugs during application development to improve Java and Python code quality.
	 Amazon CodeGuru Profiler	Automate code reviews and optimize application performance with ML-powered recommendations. Understand the runtime behavior of applications, identify and remove code inefficiencies, improve performance, and significantly decrease compute costs.
	 Amazon Monitron	an end-to-end system that uses machine learning (ML) and includes sensors to capture vibration and temperature data from equipment, a gateway device and to detect abnormal behavior in industrial machinery, and a mobile app to receive reports on operating behavior and alerts on potential machine failure. Enables you to implement predictive maintenance and reduce unplanned downtime.
	 Amazon Lookout for Equipment	Uses data from sensors to detect abnormal equipment behavior, so you can take action before machine failure occur and avoid unplanned downtime.
	 Amazon Lookout for Vision	Use computer vision (CV) to identify missing components in products, damage to vehicles or structures, irregularities in production lines-or any other physical item where quality is important.
	 AWS Panorama	Improve operations by automating monitoring and visual inspection tasks like evaluating manufacturing quality, finding bottlenecks in industrial processes, and assessing worker safety within facilities.
	 AWS Panorama Appliance	Turn existing online cameras into powerful edge devices with the processing power to analyze video feeds from multiple cameras in parallel.

	 AWS Panorama SDK	Hardware manufactures can build new AWS Panorama enable devices that run more meaningful CV models at the edge.
Healthcare	 Amazon Healthcare	A HIPAA-eligible service that enables healthcare providers, health insurance companies, and pharmaceutical companies to store, transform, query, and analyze health data in minutes at petabyte scale.
	 Amazon Comprehend Medical	A HIPAA-eligible natural language processing (NLP) service that uses machine learning to extract relevant medical information from unstructured text sources such as doctors' notes, clinical trial reports, and patient health records.
	 Amazon Transcribe Medical	An automatic speech recognition (ASR) service that makes it easy for you to add medical speech-to-text capabilities to your voice-enabled applications. Accurately transcribe medical speech to document clinical conversations, capture medical dictation, or subtitle telehealth visits.








AWS Management and Governance services







Category	Service	Used for
Enable builders for speed with built-in governance control	 AWS Control Tower	Provides the easiest way to set up and govern a secure, multi-account AWS environment, called a landing zone.
	 AWS Organizations	Centrally manage and govern your environment as you grow and scale your AWS resources.
	 AWS Well-Architected Tool	Review your architecture and adopt best practices.
	 AWS Budgets	Improve planning and cost control with flexible budgeting and forecasting.
	 AWS License Manager	Set rules to manage, discover, and report software license usage, for example, manage your software licenses from vendors such as Microsoft, SAP, Oracle, and IBM across AWS and on-premises environments.
	 AWS CloudFormation	Model a collection of related AWS and third-party resources, provision them quickly and consistently, and
Provision resources and applications that meet your policies.		

Operate your environment with speed and governance.		manage them throughout their lifecycles, by treating infrastructure as code.
	 AWS Service Catalog	Create, organize, and govern your curated catalog of AWS products.
	 AWS OpsWorks	A configuration management service that provides managed instances of Chef and Puppet.
	 AWS Marketplace	A digital catalog with thousands of software listings from independent software vendors that make it easy to find, test, buy, and deploy software that runs on AWS.
	 Amazon CloudWatch	A monitoring and observability service built for DevOps engineers, developers, site reliability engineers (SREs), and IT managers. Observability of your AWS resources and applications on AWS and on-premises
	 Amazon Managed Service for Grafana (Preview)	A fully managed service that is developed together with Grafana Labs and based on open source Grafana. Scalable, secure, and highly available data visualization for your operational metrics
	 Amazon Managed Service for Prometheus (Preview)	A Prometheus-compatible monitoring service that makes it easy to monitor containerized applications at scale. Highly available, secure, and managed monitoring for your containers
	 AWS CloudTrail	A service that enables governance, compliance, operational auditing, and risk auditing of your AWS account. Track user activity and API usage.
	 AWS Config	A service that enables you to assess, audit, and evaluate the configurations of your AWS resources.
	 AWS Systems Manager	An operations hub for AWS. Provides a unified user interface so you can track and resolve operational issues across your AWS applications and resources from a central place.
	 AWS Cost and Usage Report	Contains the most comprehensive set of AWS cost and usage data available, including additional metadata about AWS services, pricing, Reserved Instances, and Savings







		Plans.
	AWS Cost Explorer	Visualize, understand, and manage your AWS costs and usage over time.
	AWS Managed Services	Operate AWS infrastructure on behalf of entire enterprise customers and partners.
	AWS X-ray	Analyze and debug production, distributed applications, such as those built using a microservices architecture.
	AWS Distro for OpenTelemetry (Preview)	Secure, production-ready open source distribution with predictable performance.
	AWS Proton	A fully managed delivery service for container and serverless applications.





AWS Media services

Category	Service	Used for
Content Creation	 Amazon Nimble Studio	empowers creative studios to produce visual effects, animation, and interactive content entirely in the cloud, from storyboard sketch to final deliverable.
Media Services	 AWS Elemental MediaConnect	Reliable, secure, and flexible transport for live video.
	 AWS Elemental MediaConvert	A file-based video transcoding service with broadcast-grade features. Process video files and clips to prepare on-demand content for distribution or archiving.
	 AWS Elemental MediaLive	A broadcast-grade live video processing service. Convert inputs into live outputs for broadcast and multiscreen video delivery.
	 AWS Elemental MediaPackage	Prepares and protects your video for delivery over the Internet.
	 AWS Elemental MediaStore	An AWS storage service optimized for media. Store and deliver video assets for live streaming media workflows.
	 AWS Elemental MediaTailor	A channel assembly and personalized ad insertion service for video providers to create linear OTT (internet











		delivered) channels using existing video content and monetize those channels, or other live streams and VOD content, with personalized advertising.
	 Amazon Interactive Video Service	A managed live streaming solution that is quick and easy to set up, and ideal for creating interactive video experiences.
	 Amazon Kinesis Video Streams	Capture, process, and store media streams for playback, analytics, machine learning and other processing.
Elemental Application & Software	 AWS Elemental Live	Convert inputs into live outputs for broadcast and multiscreen video delivery.
	 AWS Elemental Server	Prepare file-based content for on-demand broadcast and multiscreen delivery.
	 AWS Elemental Conductor	Manage video networks for live and on-demand content.
	 AWS Elemental Link	Connect a live video source to AWS Elemental MediaLive.







AWS Migration & Transfer Services

Service	Use for
 Migration Evaluator	Gain access to insights and accelerate decision-making for migration to AWS at no cost.
 AWS Migration Hub	A single location to track the progress of application migrations across multiple AWS and partner solutions.
 AWS Application Discovery Service	Collects and presents configuration, usage, and behavior data from your servers to help you better understand your workloads.
 AWS Server Migration Service	The primary migration service recommended for lift-and-shift migrations to AWS. * Customers currently using Server Migration Service (SMS) are encouraged to switch to Application Migration Service for future migrations.
 AWS Database Migration Service	Migrate your databases to AWS with minimal downtime.
 AWS Application Migration Service	Simplify and expedite your migration while reducing costs.






 VMware Cloud on AWS	Preferred service for all vSphere workloads to rapidly extend and migrate to the cloud.
 AWS DataSync	Easily transfer data to and from AWS up to 10x faster. An online data transfer service that simplifies, automates, and accelerates moving data between on-premises storage systems and AWS Storage services, as well as between AWS Storage services.
 AWS Transfer Family	Simple and seamless file transfer to Amazon S3 using SFTP, FTPS, and FTP. Provides fully managed support for file transfers directly into and out of Amazon S3 or Amazon EFS.
 AWS Snow Family	Physical devices to migrate data into and out of AWS.



















AWS Network & Content Delivery services



Category	Service	Used for
Network foundations	 Amazon VPC	Define and provision a logically isolated network for your AWS resources.
	 AWS Transit Gateway	Connect VPCs and on-premises networks through a central hub.
	 AWS PrivateLink	Provide private connectivity between VPCs, services, and on-premises applications.
Application networking	 Elastic Load Balancing	Automatically distribute traffic across a pool of resources, such as instances, containers, IP addresses, and Lambda functions.
	 AWS App Mesh	Provide application-level networking for containers and microservices.
	 Amazon API Gateway	Create, maintain, and secure APIs at any scale.
	 AWS Cloud Map	Discover AWS services connected to your applications.
Edge networking	 Amazon CloudFront	Fast, highly secure and programmable content delivery network (CDN). Securely deliver data, videos, applications, and APIs to customers globally with low latency, and high transfer speeds.
	 Amazon Route 53	Route users to Internet applications with a managed DNS service.
	 AWS Global	Direct traffic through the AWS Global network to improve global application

	Accelerator	performance.
Network security	 AWS Shield	Safeguard applications running on AWS against DDoS attacks.
	 AWS WAF	Web application firewall that helps protect your web applications or APIs against common web exploits.
	 AWS Firewall Manager	A security management service which allows you to centrally configure and manage firewall rules across your accounts and applications.
Hybrid connectivity	 AWS Direct Connect	Establish a private, dedicated connection between AWS and your datacenter, office, or colocation environment
	 AWS Virtual Private Network (VPN)	Connect your users to AWS or on-premises resources using a Virtual Private Network.
	- Client	Fully-managed, elastic VPN service that automatically scales up or down based on user demand.
	 AWS Virtual Private Network (VPN)	Create an encrypted connection between your network and your Amazon VPCs or AWS Transit Gateways.
	- Site to Site	













AWS Security, Identity, and Compliance services

Category	Service	Used for
Identity & access management	 AWS Identity & Access Management (IAM)	Securely manage access to services and resources.
	 AWS Single Sign-On	Cloud single-sign-on (SSO) service.
	 Amazon Cognito	Identity management for your apps.
	 AWS Directory Service	Managed Microsoft Active Directory.
	 AWS Resource Access Manager	Simple, secure service to share AWS resources.

	 AWS Organizations	Central governance and management across AWS accounts.
Detection	 AWS Security Hub	Unified security and compliance center.
	 Amazon GuardDuty	Managed threat detection service.
	 Amazon Inspector	Analyze application security.
	 AWS Config	Record and evaluate configurations of your AWS resources.
	 AWS CloudTrail	Track user activity and API usage.
	 AWS IoT Device Defender	Security management for IoT devices.
Infrastructure protection	 AWS Network Firewall	Network security.
	 AWS Shield	DDoS protection.
	 AWS Web Application Firewall (WAF)	Filter malicious web traffic.
	 AWS Firewall Manager	Central management of firewall rules.
	 Amazon Macie	Discover and protect your sensitive data at scale.
	 AWS Key Management Service (KMS)	Key storage and management . Managed creation and control of encryption keys.
Data protection	 AWS CloudHSM	Hardware based key storage for regulatory compliance.
	 AWS Certificate Manager	Provision, manage, and deploy public and private SSL/TLS certificates.
	 AWS Secrets Manager	Rotate, manage, and retrieve secrets.
	 Amazon Detective	Investigate potential security issues.
Incident response	 CloudEndure Disaster Recovery	Fast, automated, cost-effective disaster recovery.

Compliance	 AWS Artifact	On-demand access to AWS' compliance reports. No cost, self-service portal for on-demand access to AWS' compliance reports.
	 AWS Audit Manager	Continuously audit your AWS usage to simplify how you assess risk and compliance.












AWS Serverless services

Category	Service	Used for
Compute	 AWS Lambda	Run code without Provisioning or managing servers and pay only for the resources you consume.
	 AWS Fargate	Run serverless containers on Amazon Elastic Container Service (ECS) or Amazon Elastic Kubernetes Service (EKS).
Application Integration	 Amazon EventBridge	Build an event-driven architecture that connects application data from your own apps, SaaS, and AWS services.
	 AWS Step Functions	Coordinate multiple AWS services into serverless workflows so you can build and update apps quickly.
	 Amazon SQS	Decouple and scale microservices with message queues that send, store, and receive message at any volume.
	 Amazon SNS	Get reliable high throughput pub/sub, SMS, email, and mobile push notifications.
	 Amazon API Gateway	Create, publish, maintain, monitor and secure REST and Websocket APIs at any scale.
	 AWS AppSync	Create, publish, maintain, monitor and secure GraphQL APIs and Subscriptions at any scale.
Data Store	 Amazon S3	Store any amount of data with industry-leading scalability, data availability, security, and performance.
	 Amazon DynamoDB	Get single-digit millisecond performance at any scale with this key-value and document database.
	 Amazon RDS Proxy	Increase scalability, resiliency, and security with this proxy for Amazon Relational Database Service (RDS)
	 Amazon Aurora Serverless	Automatically scale capacity based on your application's need with this configuration for Amazon Aurora.



AWS Services Cheat Sheet

AWS Cloud Storage services

Category	Service	Used for
Object storage	 Amazon Simple Storage Service (S3)	Object storage built to store and retrieve any amount of data from anywhere.
File storage	 Amazon Elastic File System	Scalable, elastic, cloud-native NFS file system.
	 Amazon FSx for Windows File Server	Fully managed file storage built on Windows Server.
	 Amazon FSx for Lustre	Fully managed high-performance file system integrated with Amazon S3.
Block storage	 Amazon Elastic Block Store	Easy to use, high performance block storage at any scale.
Backup	 AWS Backup	Centrally managed and automate backups across AWS services.
Data transfer	 AWS Storage Gateway	Hybrid cloud storage that provides on-premise access to virtually unlimited cloud storage.
	 AWS DataSync	Easily transfer data to and from AWS up to 10x faster.
	 AWS Transfer Family	Simple and seamless file transfer to Amazon S3 using SFTP, FTPS, and FTP.
	 AWS Snow Family	Physical devices to migrate data into and out of AWS.
Edge computing and storage	 AWS Snow Family	Physical edge computing and storage devices for rugged or disconnected environments.

AWS Connect Center Service : an easy to use omnichannel cloud contact center that helps you provide superior customer service at a lower cost.

Quantum Technologies :

Amazon Braket: a fully managed quantum computing service that helps researchers and developers get started with the technology to accelerate research and discovery.

Robotics :

AWS RoboMaker: Simulate and deploy robotic applications at cloud scale.

Satellite :

AWS Ground Station: a fully managed service that lets you control satellite communications, process data, and scale your operations without having to worry about building or managing your own ground station infrastructure.

VR & AR :

Amazon Sumerian: Easily create and run browser-based 3D, augmented reality (AR), and virtual reality (VR) applications.

**1 The information presented here is collected from AWS official website.*

**2 You may find one service belonging to different service catalogs.*