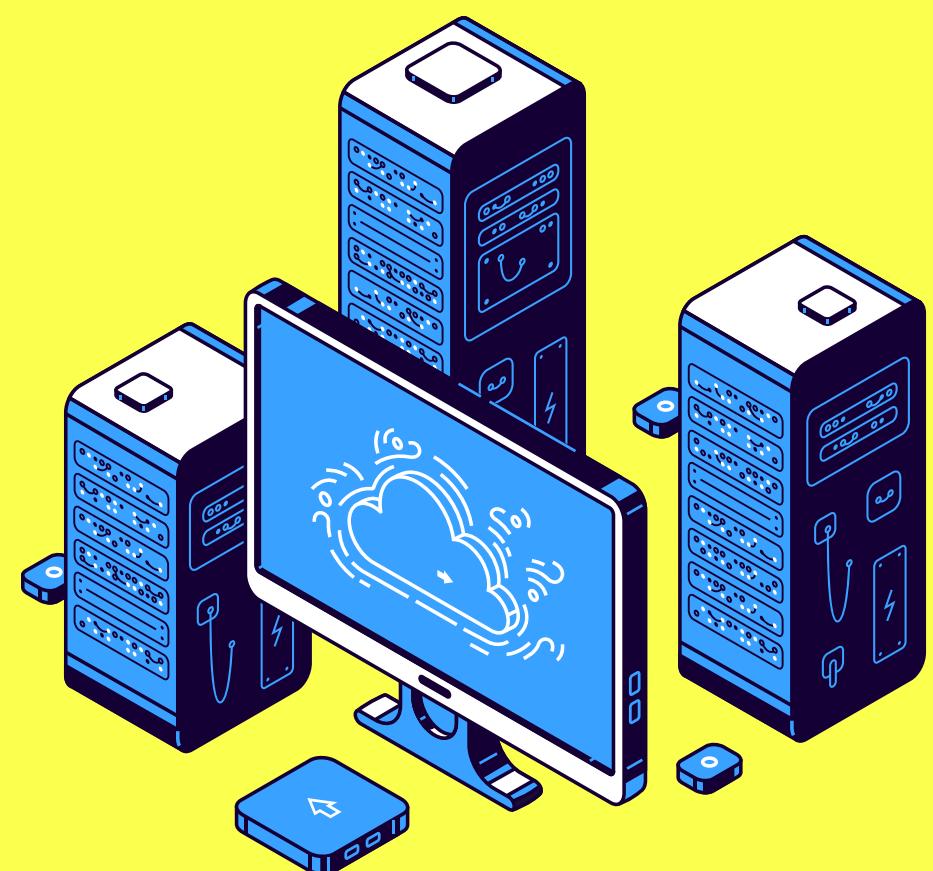


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Glossary of AWS Services

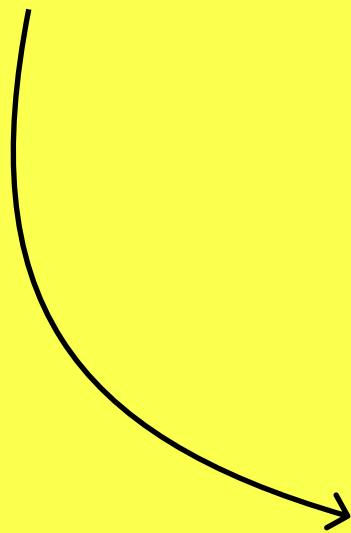
A Comprehensive Guide
to the **AWS Services** and
their Use



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AWS Analytics Services

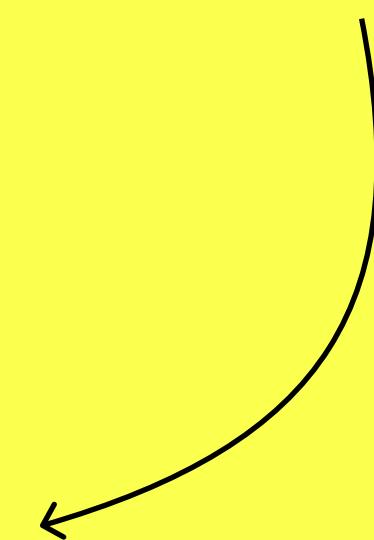
Amazon Athena



An interactive query service that makes it easy to analyze data stored in Amazon S3 using standard SQL.

Amazon Cloudsearch

A managed search and analytics service that makes it easy to set up, manage, and scale a search solution for your website or application.



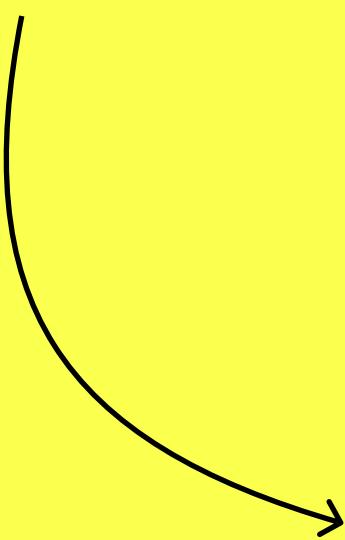
Amazon Elasticsearch Service

A fully managed service that makes it easy to deploy, operate, and scale Elasticsearch clusters.

Amazon EMR

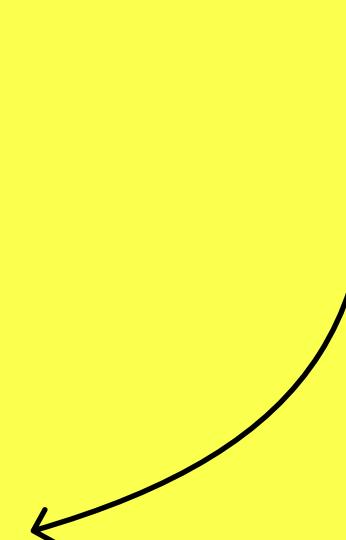
A fully managed service for processing large amounts of data using Apache Spark, Apache Hadoop, and other big data technologies.

Amazon FinSpace



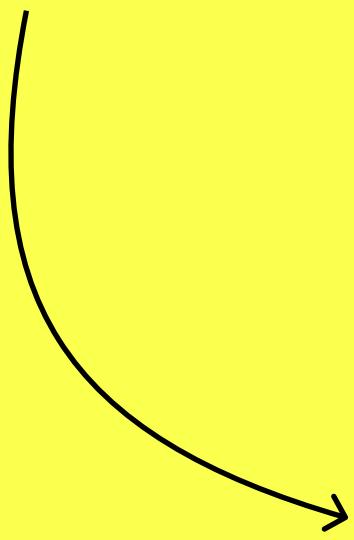
A fast and interactive analytics service that provides insights into your financial data, and allows you to easily explore and visualize your data.

Amazon Kinesis



A managed service for collecting, processing, and analyzing real-time streaming data at scale.

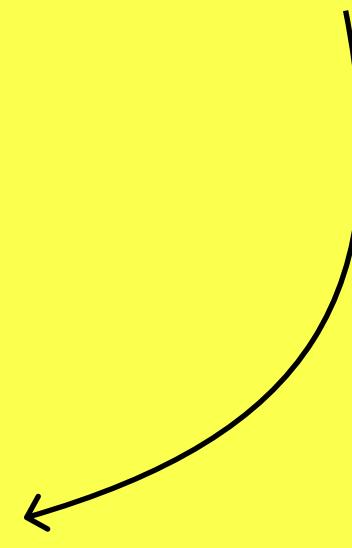
Amazon Managed Streaming for Apache Kafka



A fully managed service that makes it easy to set up, operate, and scale Apache Kafka clusters.

Amazon Redshift

A fully managed data warehousing service that makes it easy to analyze large amounts of data using SQL and your existing business intelligence tools.





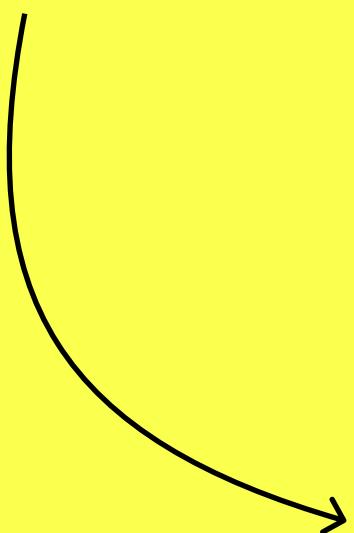
Amazon QuickSight

A fast and cloud-powered business intelligence service that makes it easy to create and publish interactive dashboards.

AWS Data Exchange

A service that makes it easy to exchange data with multiple partners and customers, while maintaining control over the access and usage of your data.

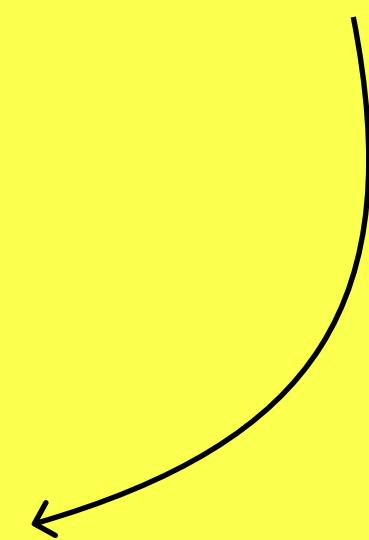
AWS Data Pipeline



A managed service that helps you automate the movement and transformation of data.

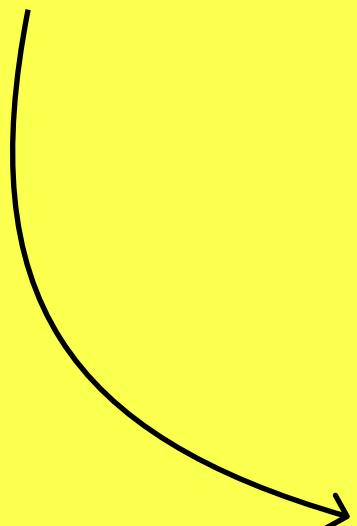
AWS Glue

A fully managed extract, transform, and load (ETL) service that makes it easy to move data between data stores.





AWS Lake Formation



A fully managed service that makes it easy to build, secure, and manage data lakes.

AWS Application Integration Services

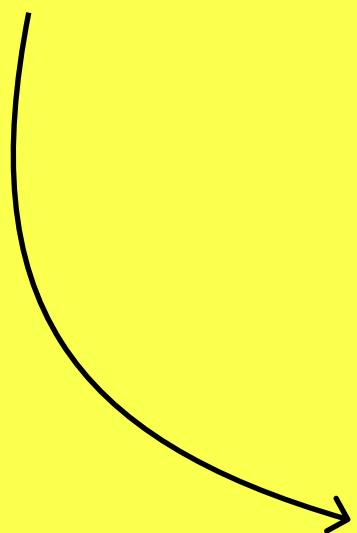
AWS Step Functions

A serverless workflow service that makes it easy to coordinate the components of your application into a visual workflow.

Amazon AppFlow

A fully managed integration service that makes it easy to transfer data between your applications.

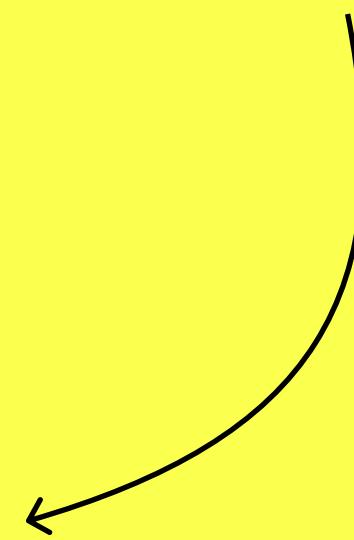
Amazon EventBridge



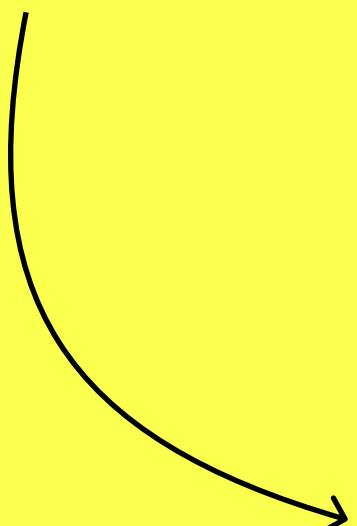
A serverless event bus that makes it easy to connect applications together using events.

Amazon Managed Workflows for Apache Airflow

A fully managed service that makes it easy to set up, operate, and scale Apache Airflow workflows.



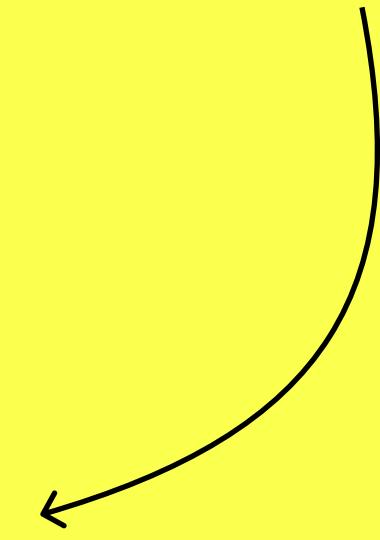
Amazon MQ



A managed message broker service for Apache ActiveMQ that makes it easy to set up, operate, and scale message brokers.

Amazon Simple Notification Service

A fully managed publish-subscribe messaging service that makes it easy to send messages to multiple subscribers.



Amazon Simple Queue Service

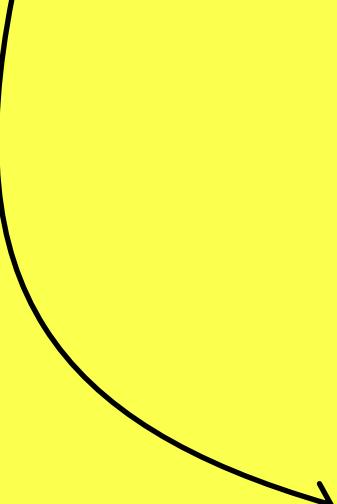
A fully managed message queue service that makes it easy to decouple and scale microservices, distributed systems, and serverless applications.

Amazon AppSync

A fully managed service that makes it easy to develop GraphQL APIs by handling the heavy lifting of securely connecting to data sources.

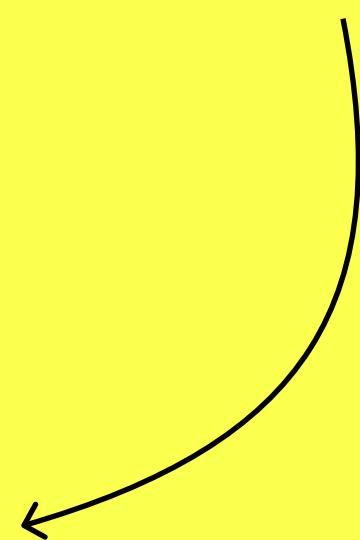
AWS Blockchain Services

Amazon Managed Blockchain



A fully managed service that makes it easy to create and manage scalable blockchain networks.

Amazon Quantum Ledger Database (QLDB)



A fully managed service that provides a transparent, immutable, and cryptographically verifiable ledger for applications.

AWS Business Applications Services

Alexa for Business

A service that makes it easy to use Alexa in the workplace to improve productivity and streamline business processes.

Amazon Chime

A communications service that makes it easy to collaborate with team members, partners, and customers using voice, video, and messaging.

Amazon Honeycode

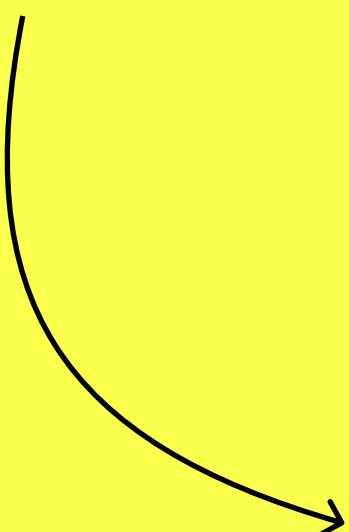
A low-code application development service that makes it easy to build custom apps without writing any code.

Amazon WorkDoc

It is a fully managed platform for creating, sharing, and enriching digital content.

AWS Internet of Things Services

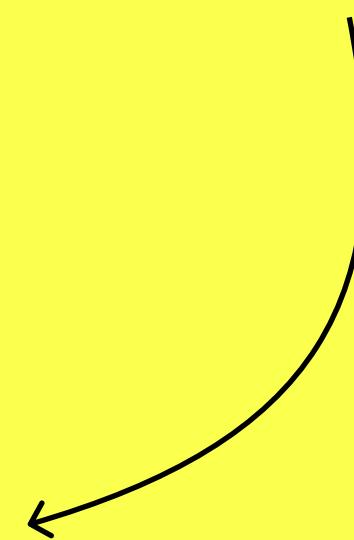
AWS IoT Core



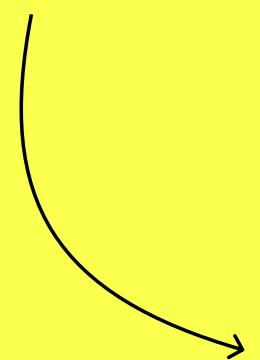
A managed cloud platform that lets connected devices easily and securely interact with cloud applications and other devices.

AWS Greengrass

Enables devices to run AWS Lambda functions and run certain AWS services locally.

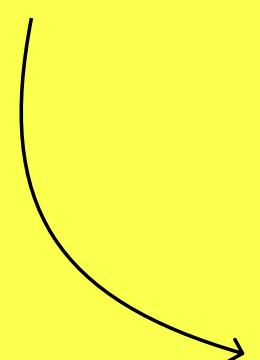


AWS IoT 1-Click



A service for triggering actions from devices.

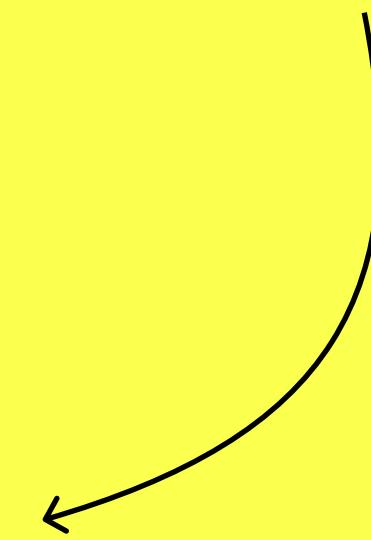
AWS IoT Analytics



A fully managed service for analyzing IoT data.

AWS IoT Button

A physical device that can be programmed to perform actions in the cloud. for triggering actions from devices.



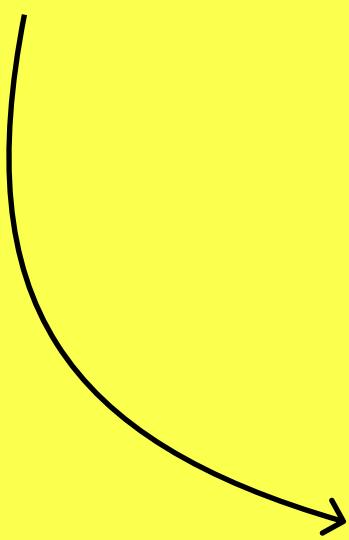
AWS IoT Device Defender

Helps secure IoT devices by detecting and mitigating unauthorized attempts to access or control them.

AWS IoT Events

A service for detecting and responding to events from IoT devices.

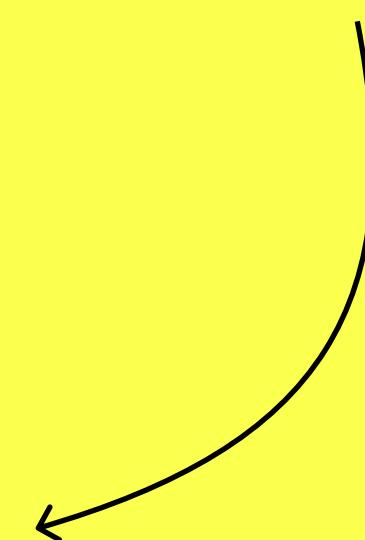
AWS IoT SiteWise



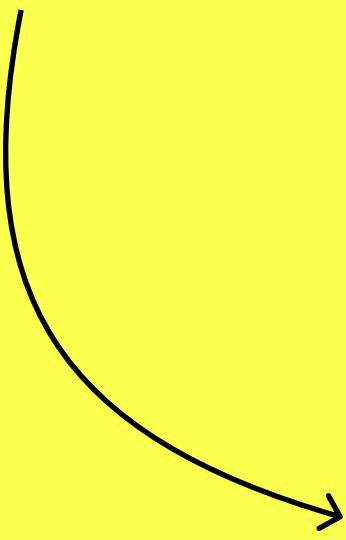
A service for collecting, organizing, and analyzing industrial data from IoT devices and equipment.

AWS IoT Things Graph

A service for building IoT applications using pre-built and custom IoT components.

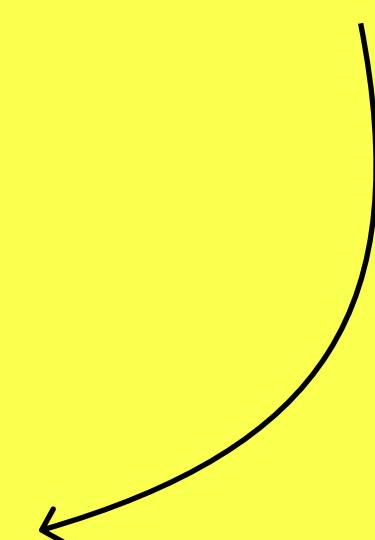


AWS Partner Device Catalog



A list of IoT devices from AWS partners.

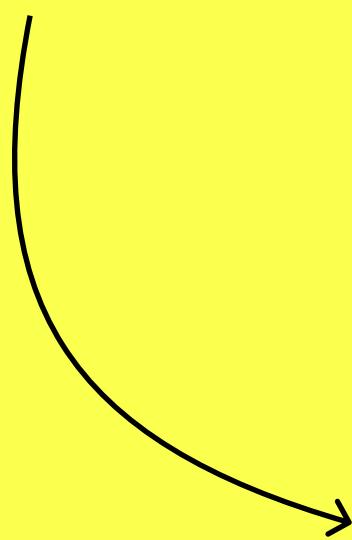
FreeRTOS



An operating system for microcontrollers that is supported by AWS IoT.

AWS Management and Governance Services

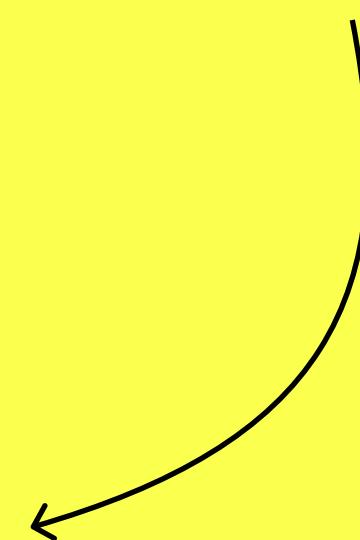
Amazon CloudWatch



Monitoring service for AWS resources and the applications you run on AWS.

AWS Auto Scaling

Automatically adjust resources based on demand.



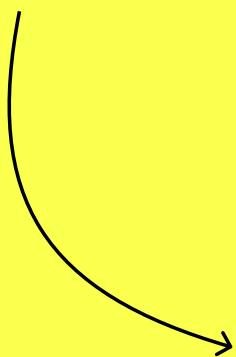
AWS Chatbot

Chat-based interface to monitor and interact with AWS resources.

AWS CloudFormation

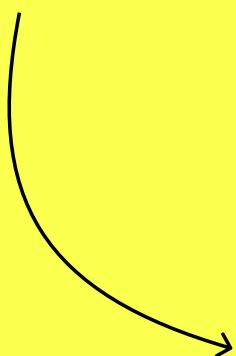
Service to model and set up your Amazon Web Services resources.

AWS CloudTrail



Track changes to your AWS resources and applications.

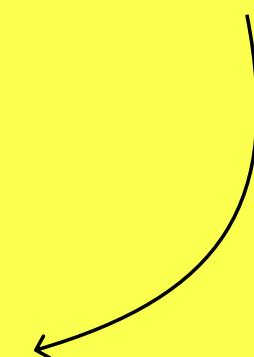
AWS Compute Optimizer



Optimize EC2 instances usage and costs.

AWS Config

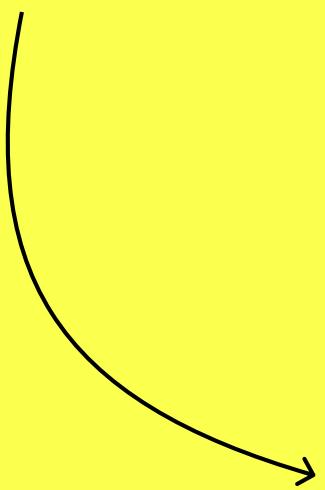
Track resource changes and assess resource compliance.



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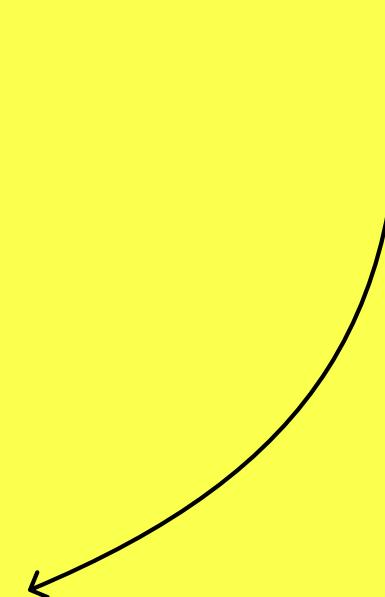
AWS Control Tower



Easily set up and govern a secure, multi-account AWS environment.

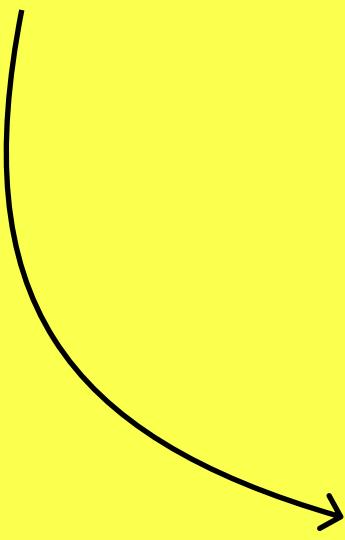
AWS Console Mobile Application

Mobile app for monitoring AWS resources on the go.



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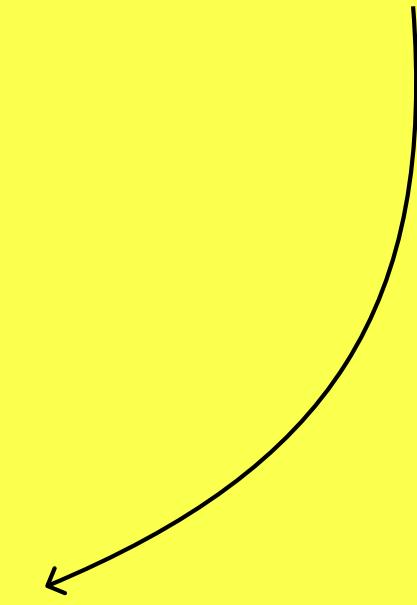
AWS Distro for OpenTelemetry



Open-source project for distributed tracing and monitoring.

AWS Launch Wizard

Quickly launch EC2 instances and configure them for specific purposes.



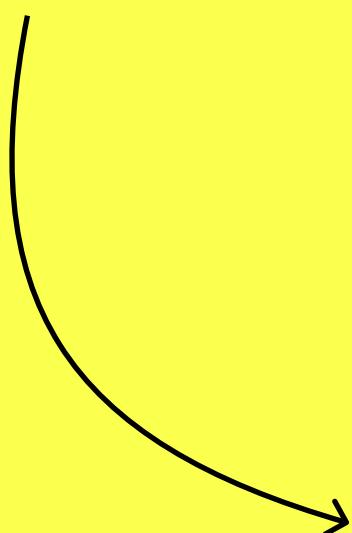
AWS License Manager

Manage licenses across multiple AWS accounts and on-premises servers.

AWS Management Console

Web-based interface for managing AWS resources.

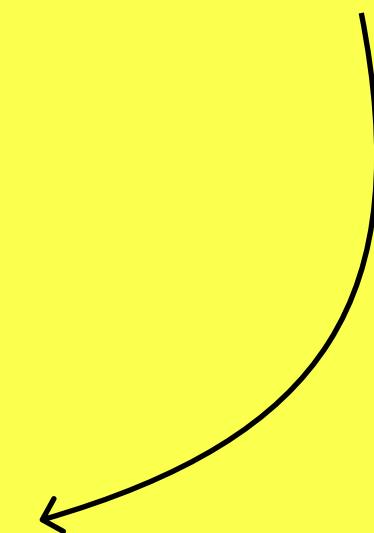
AWS Managed Services



AWS service to manage infrastructure operations.

Amazon Managed Service for Grafana

Grafana service managed by AWS.



AWS Management Service for Prometheus

Prometheus service managed by AWS.

AWS OpsWorks

Automate operations tasks using Chef cookbooks.

AWS Organizations

Consolidate multiple AWS accounts into an organization.

AWS Personal Health Dashboard

Get personalized, real-time notifications and recommendations.

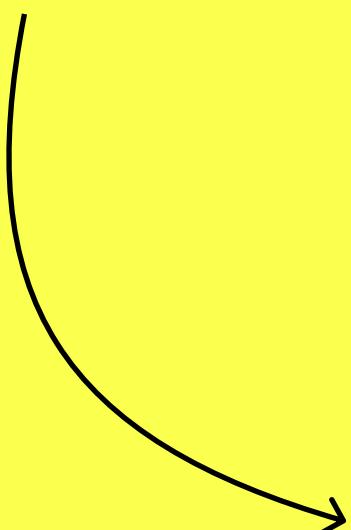
AWS Proton

Service to manage and automate the deployment of microservices.

AWS Service Catalog

Create and manage portfolios of approved products.

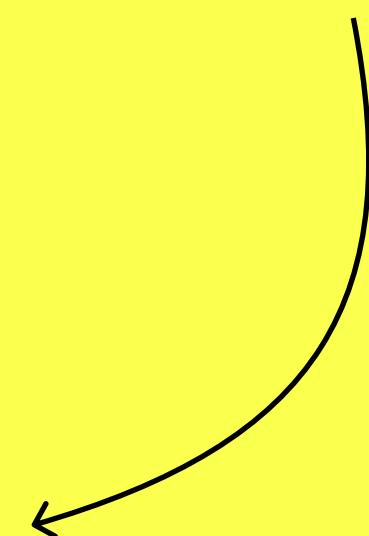
AWS Systems Manager



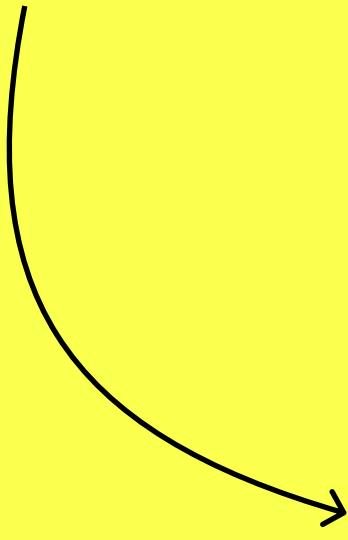
Gain operational insights and take action on AWS resources.

AWS Trusted Advisor

Analyze AWS resources for best practices and cost optimization opportunities.



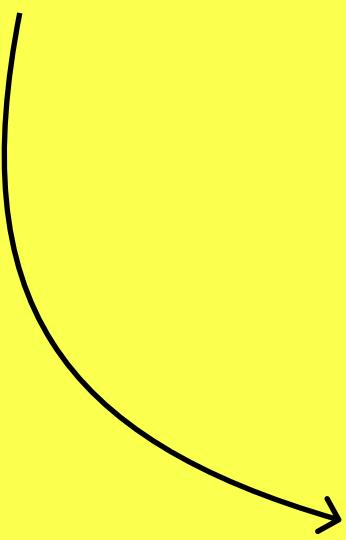
AWS Well-Architected Tool



Evaluate and improve the architecture of your applications.

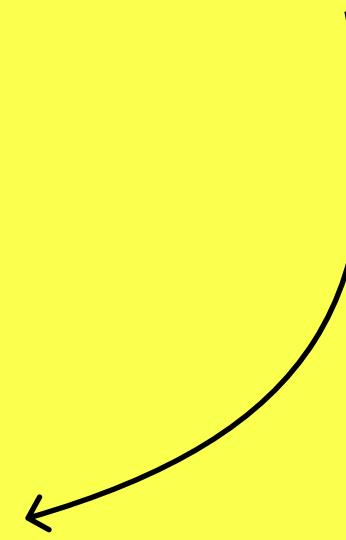
AWS Media Services

Amazon Elastic Transcoder



A scalable, high-quality video transcoding service.

Amazon Interactive Video Service



A service that provides interactive video capabilities in the cloud.

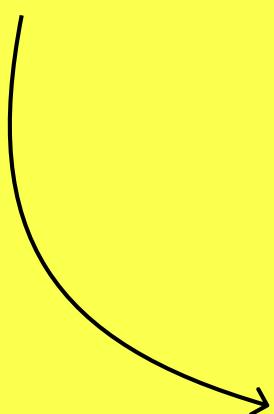
Amazon Kinesis Video Streams

A service that allows you to securely stream video from connected devices to the cloud.

AWS Elemental MediaConnect

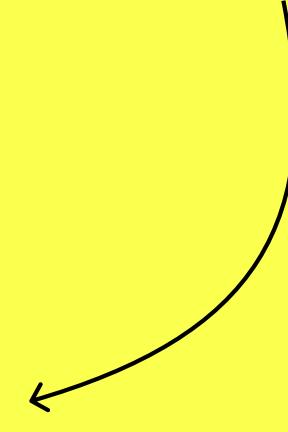
A service that provides secure, reliable, and scalable live video transport.

AWS Elemental MediaConvert



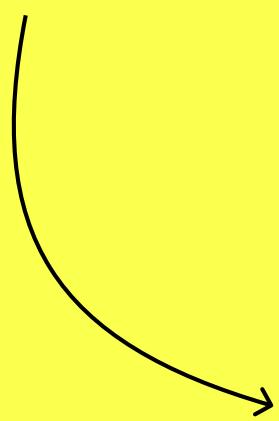
A file-based video transcoding service.

AWS Elemental MediaLive



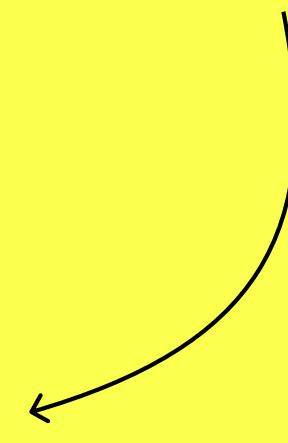
A real-time video processing service.

AWS Elemental MediaPackage



A service that prepares and protects video content for delivery over the internet.

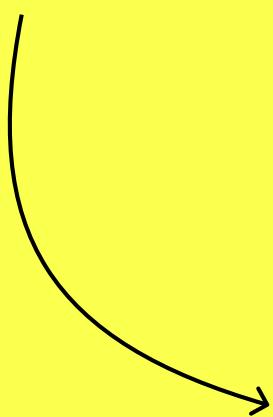
AWS Elemental MediaStore



A scalable, low-latency, and high-throughput video storage service.



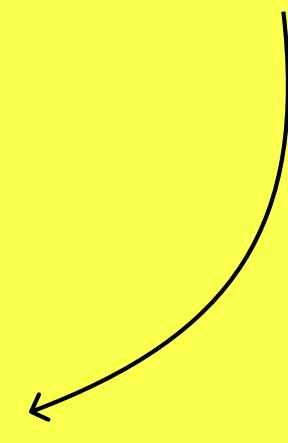
AWS Elemental MediaTailor



An ad insertion service for video content.

AWS Elemental Appliances and Software

Software and hardware solutions for video processing and delivery.

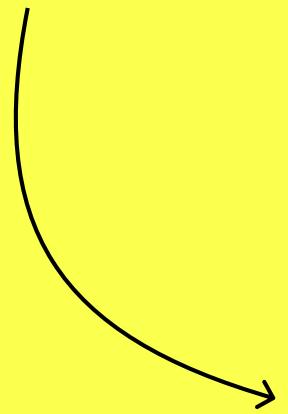




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AWS Nimble Studio

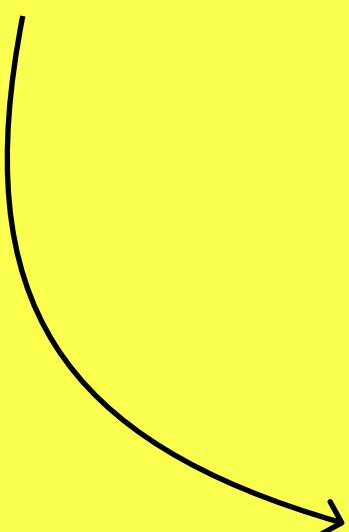


A cloud-based video production studio.

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AWS Migration and Transfer Services

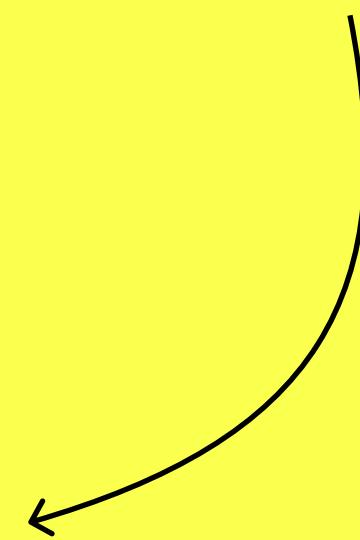
AWS Migration Hub



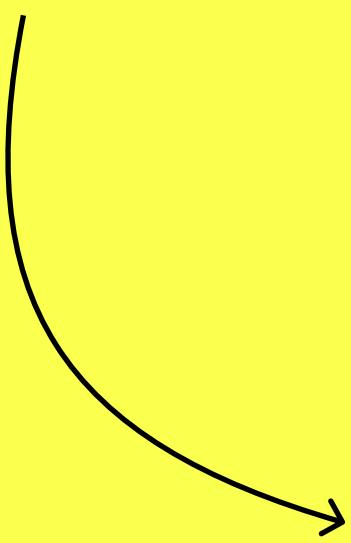
A centralized place to manage and monitor your migration.

AWS Application Discovery Service

A service that helps you identify and collect metadata about your on-premises applications.



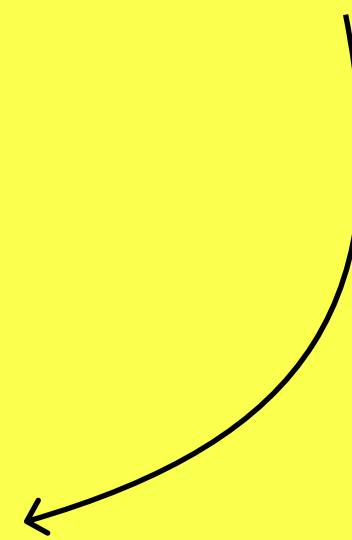
AWS Application Migration Service (CloudEndure Migration)



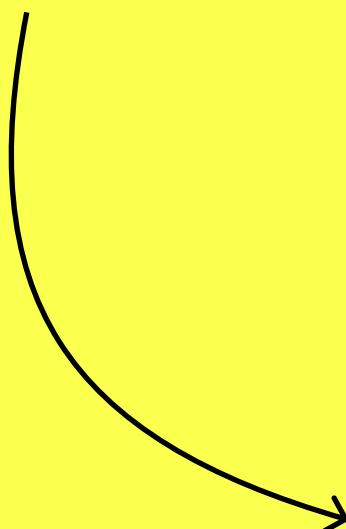
A service that migrates applications to the cloud.

AWS Database Migration Service

A service that migrates databases to the cloud.



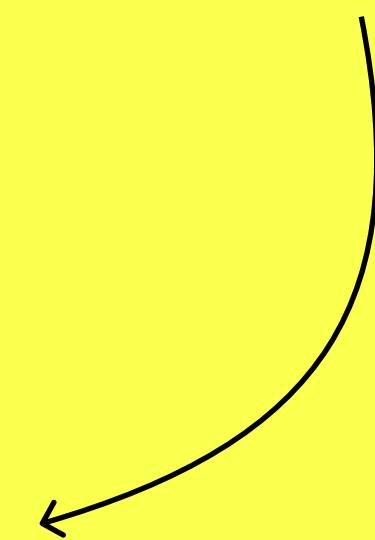
AWS Transfer Family



A family of services that provide secure and managed file transfer solutions.

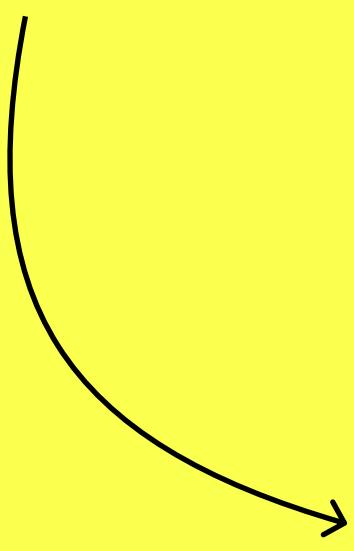
Migration Evaluator (formerly TSO Logic)

A service that provides cost and performance analysis for migration projects.



AWS Networking and Content Delivery Services

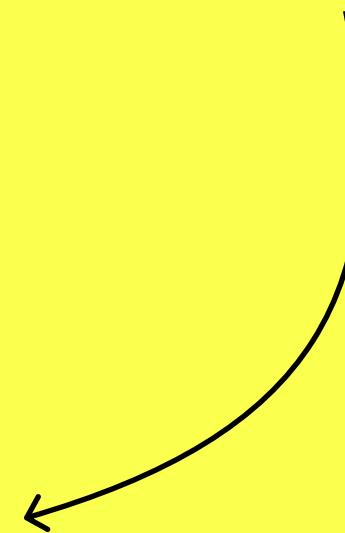
Amazon VPC



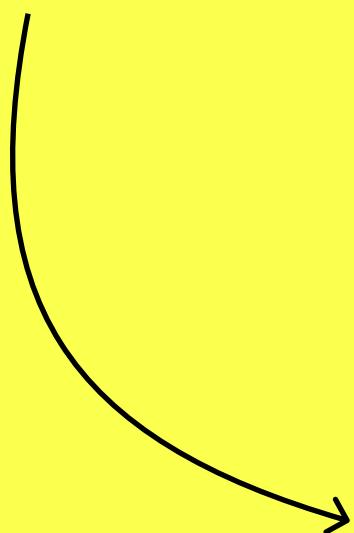
A service that lets you launch Amazon Web Services resources into a virtual network.

Amazon CloudFront

A content delivery network (CDN) service.

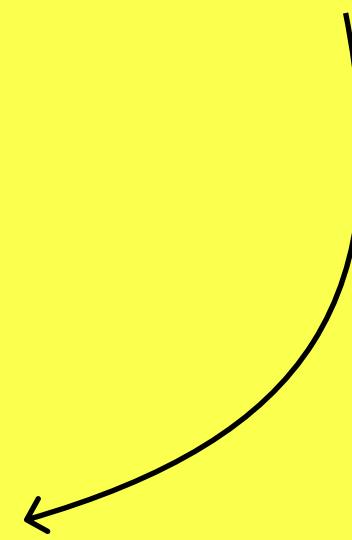


Amazon Route 53



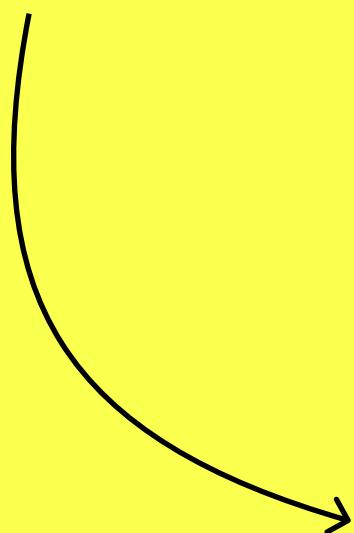
A scalable and highly available domain name system (DNS) service.

Amazon PrivateLink



A service that provides secure, private connectivity between Amazon VPCs and AWS services.

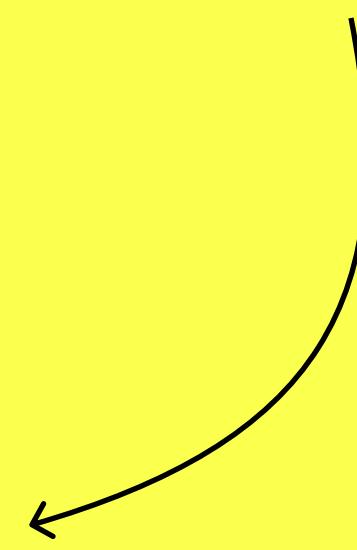
AWS App Mesh



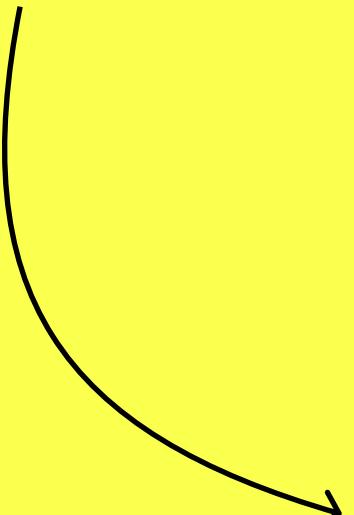
A service that provides network traffic management for microservices.

AWS Cloud Map

A service registry for discovering, publishing, and managing microservices.

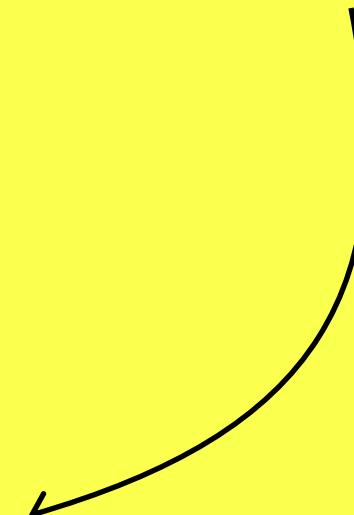


AWS Direct Connect



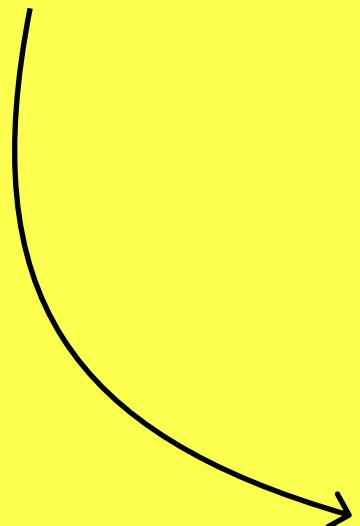
A service that provides dedicated network connections from your premises to AWS.

AWS Global Accelerator



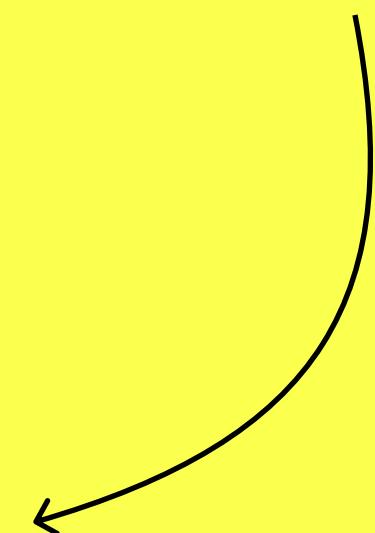
A service that provides fast, global network performance.

AWS Transit Gateway



A service that enables seamless network connectivity between VPCs, on-premises data centers, and AWS.

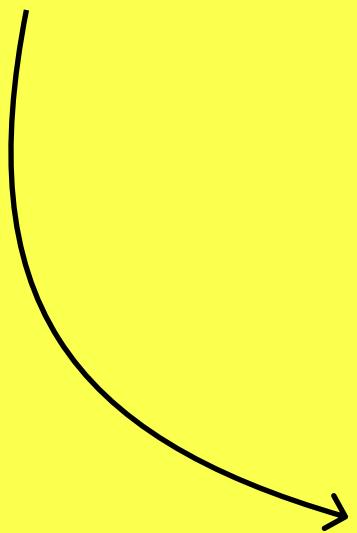
Elastic Load Balancing



A service that automatically distributes incoming application traffic across multiple targets.

AWS Quantum Technologies Services

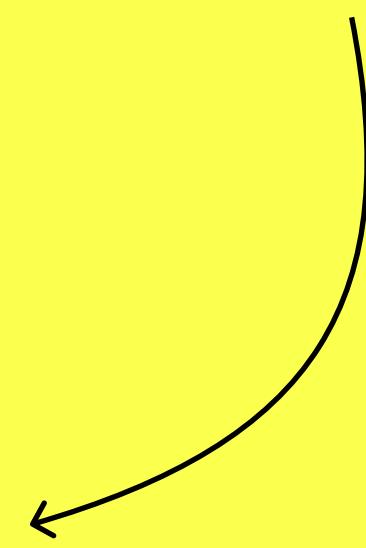
Amazon Braket



Provides a fully managed service for testing and evaluating quantum algorithms and circuits.

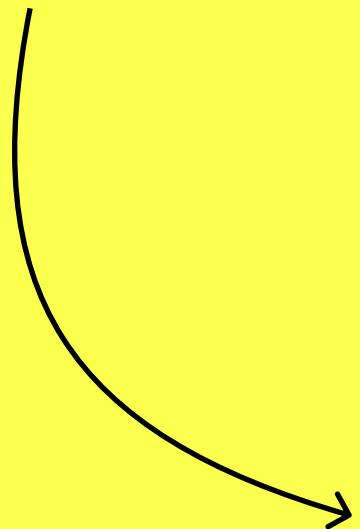
AWS Robotics Services

Includes AWS RoboMaker, a cloud platform for developing, testing and deploying robotics applications.





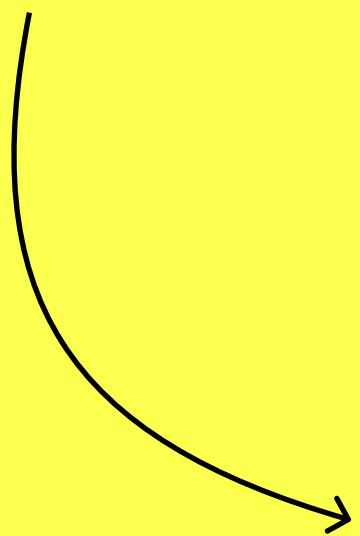
AWS Satellite Services



Includes AWS Ground Station, a service that allows satellite owners to easily schedule antenna time and download satellite data.

AWS Security, Identity, and Compliance Services

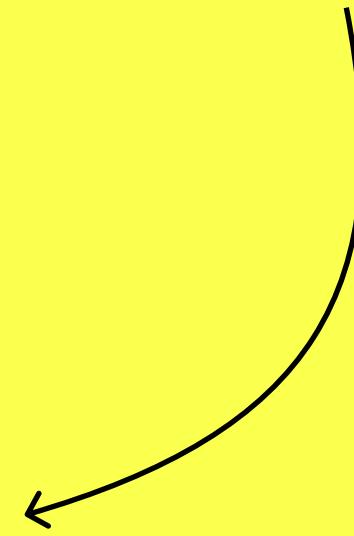
AWS Identity & Access Management (IAM)



A web service that enables AWS customers to manage users and user permissions for AWS resources.

Amazon Cognito

Provides authentication and authorization for mobile and web applications.





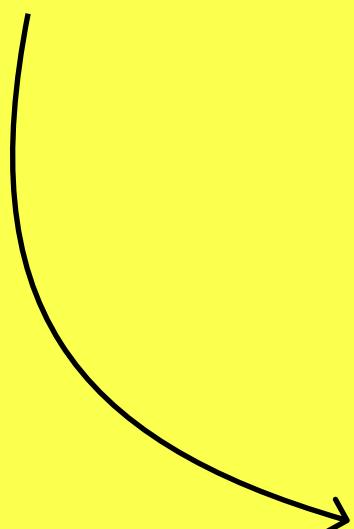
Amazon Detective

A service that helps investigate potential security issues within AWS accounts.

Amazon GuardDuty

Provides threat detection for AWS resources.

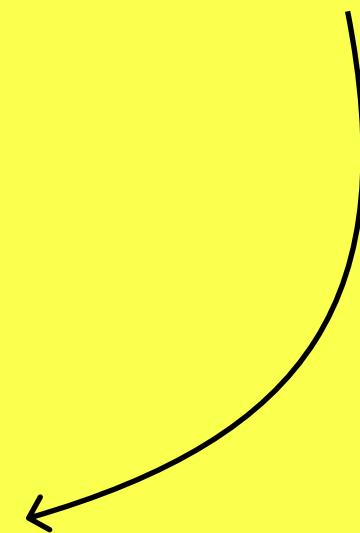
Amazon Inspector



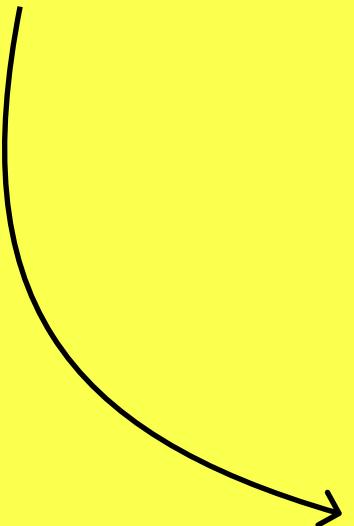
An automated security assessment service for applications running on AWS.

Amazon Macie

Uses machine learning to discover, classify, and protect sensitive data in AWS.

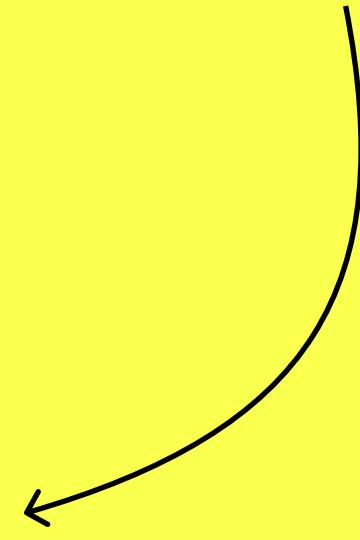


AWS Artifact



A portal for customers to download and manage security and compliance reports and agreements.

AWS Audit Manager



Provides a service to manage and automate AWS audit processes.

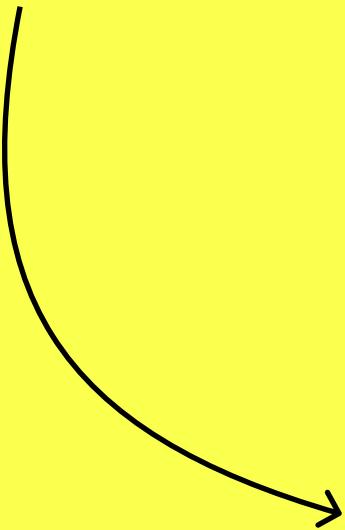
AWS Certificate Manager

Provides a service to manage SSL/TLS certificates for AWS resources.

AWS CloudHSM

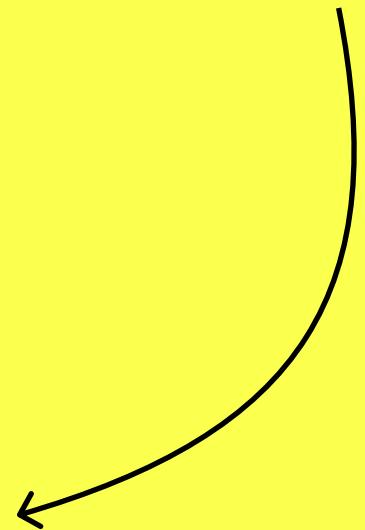
Provides a cloud-based hardware security module (HSM) service to secure cryptographic keys.

AWS Directory Service



Provides managed Microsoft Active Directory and Simple AD services.

AWS Firewall Manager



Provides a centralized firewall management service.

AWS Resource Access Manager

Provides a service to share AWS resources with other AWS accounts.

AWS Secrets Manager

Provides a service to manage secrets for AWS services and applications.

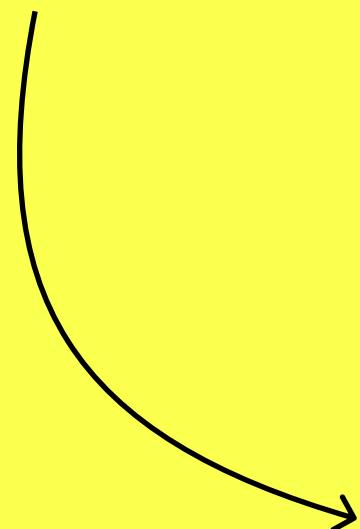
AWS Security Hub

Provides a centralized security dashboard for AWS accounts.

AWS Shield

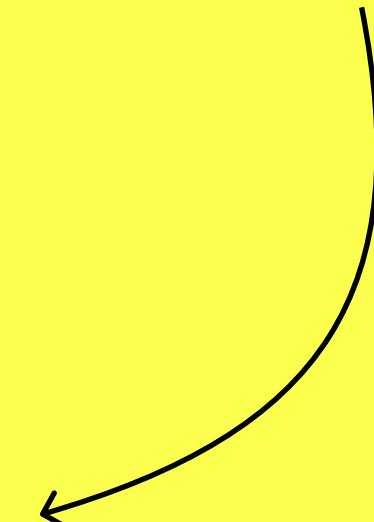
Provides DDoS protection for AWS services.

AWS Single Sign-On



Provides a single sign-on (SSO) solution for AWS services and applications.

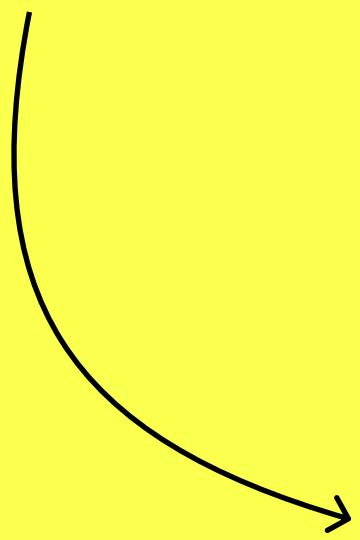
AWS WAF



Provides a firewall service to protect web applications.

AWS Serverless Services

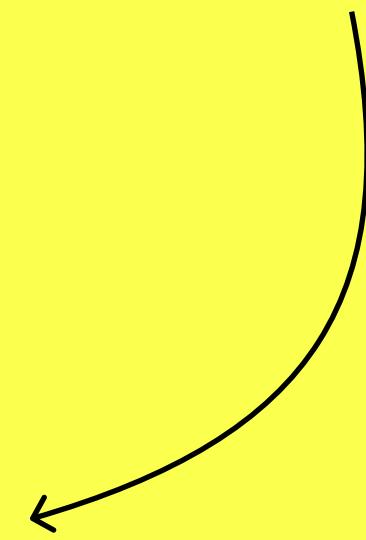
AWS Lambda



Provides a compute service that runs code in response to events and automatically manages the computing resources.

Amazon API Gateway

Provides a fully managed service for creating, deploying, and managing APIs.



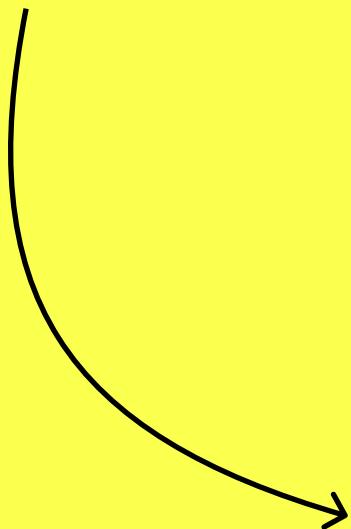
Amazon DynamoDB

Provides a fully managed NoSQL database service.

Amazon EventBridge

Provides a serverless event bus for connecting AWS services and applications.

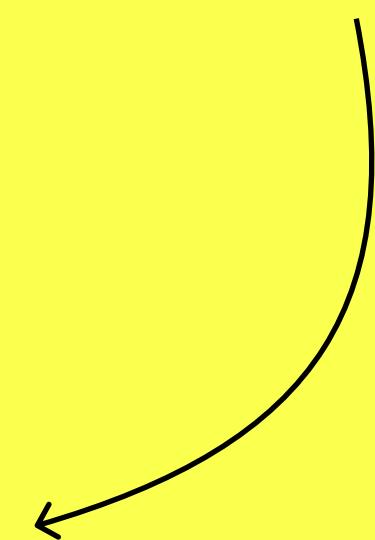
Amazon Simple Notification System (SNS)



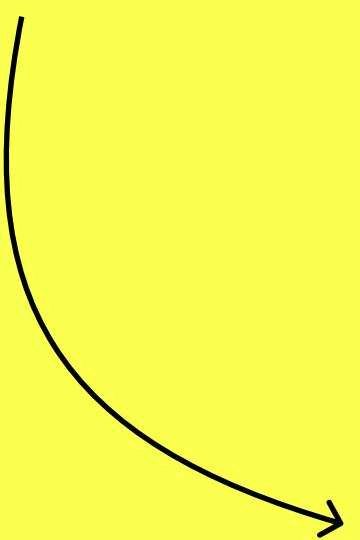
Provides a flexible, fully managed pub/sub messaging service.

Amazon Simple Queue Service (SQS)

Provides a managed message queue service for distributing messages between applications.

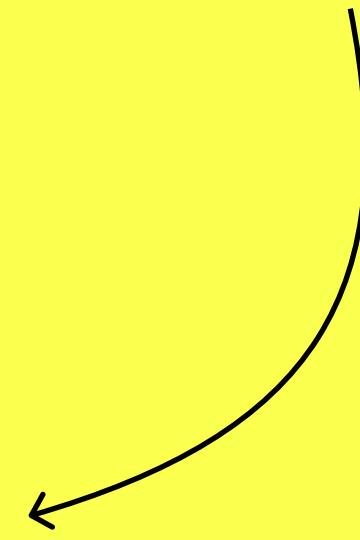


AWS Fargate



Provides a compute engine for Docker containers.

AWS Step Functions



Provides a service to build and run serverless workflows.

AWS Storage Services

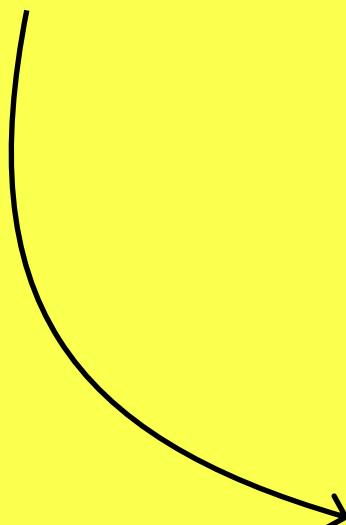
Amazon Simple Storage System (S3)

Provides a scalable, high-performance, low-cost cloud storage service.

Amazon Elastic Block Store (EBS)

Provides a block storage service for AWS instances.

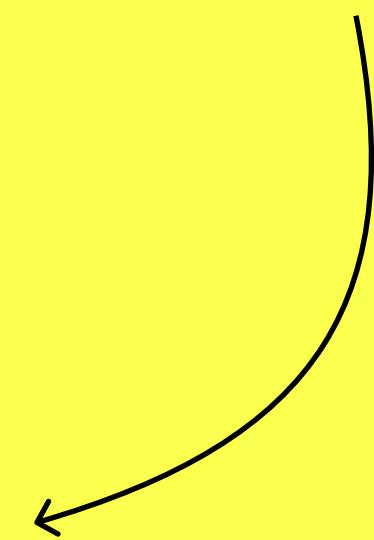
Amazon Elastic File System (EFS)



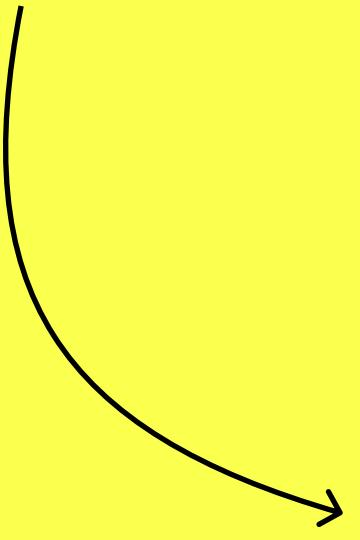
Provides a fully managed file system service for AWS resources.

Amazon FSx for Lustre

Provides a high-performance file system optimized for workloads such as scientific computing and machine learning.

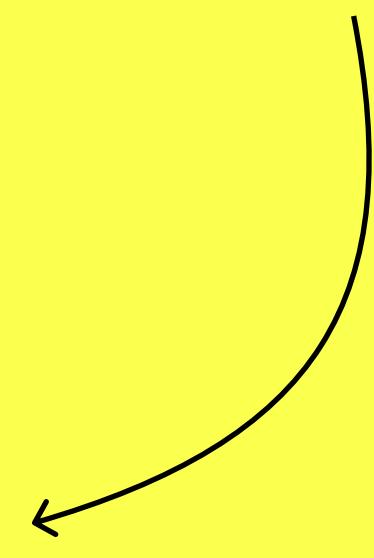


Amazon FSx for Windows File Server



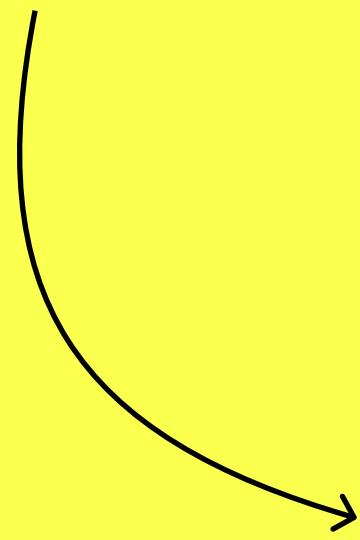
Provides a fully managed native Microsoft Windows file system.

Amazon S3 Glacier



Provides a low-cost, long-term archive storage service.

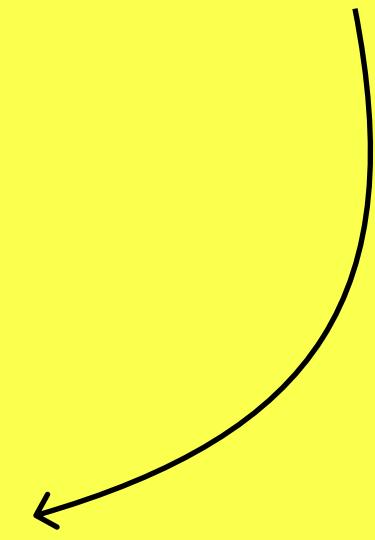
AWS Backup



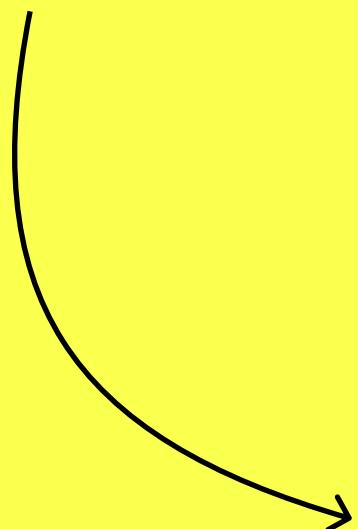
Provides a fully managed backup service for AWS resources.

AWS Snow Family

Provides a family of devices for data transfer and storage.



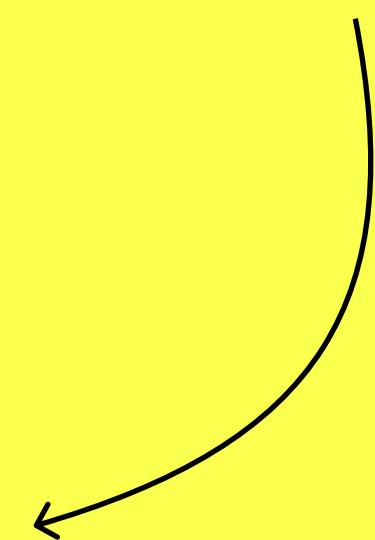
AWS Storage Gateway



Provides a service to securely store data on-premises and in the cloud.

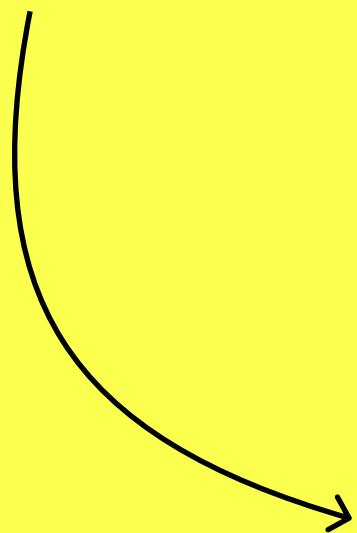
CloudEndure Disaster Recovery

Provides a service for disaster recovery and business continuity for cloud workloads.



AWS VR and AR Services

Amazon Sumerian



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

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