

# Top 50+ AWS Services

1. **AWS Origin:** Not enough information provided in the video to provide a specific definition.
2. **RoboMaker:** AWS service for developing, simulating, and deploying robotics applications.
3. **IoT Core:** Managed cloud service for securely connecting and managing IoT devices.
4. **Ground Station:** Service for accessing and managing satellite data and communications.
5. **Quantum Computing:** Computing technology utilizing quantum mechanics principles for advanced processing and calculations.
6. **EC2:** Elastic Compute Cloud - Virtual servers in the cloud that provide resizable compute capacity.
7. **Load Balancer:** Automatically distributes incoming application traffic across multiple targets for better availability and scalability.
8. **CloudWatch:** Monitoring and observability service for AWS resources and applications.
9. **Auto Scale:** Dynamically adjusts the number of EC2 instances based on demand to ensure optimal performance and cost efficiency.
10. **Beanstalk:** Platform as a Service (PaaS) that simplifies deploying and managing applications on AWS.
11. **Lightsail:** Simple virtual private servers (VPS) with pre-configured options and easy management.
12. **Lambda:** Serverless compute service that runs code in response to events, scaling automatically.
13. **Serverless Repos:** Not enough information provided in the video to provide a specific definition.
14. **Outposts:** Fully managed service that extends AWS infrastructure and services to customer premises.
15. **Snow:** Family of physical devices for secure data transfer to and from AWS.
16. **ECR:** Elastic Container Registry - Fully managed Docker container registry for storing, managing, and deploying container images.
17. **ECS:** Elastic Container Service - Highly scalable, high-performance container orchestration service.
18. **EKS:** Elastic Kubernetes Service - Managed Kubernetes service for running and scaling containerized applications.
19. **Fargate:** Serverless compute engine for containers that allows running containers without managing the underlying infrastructure.
20. **App Runner:** Fully managed service for building, deploying, and scaling containerized applications quickly.
21. **S3:** Simple Storage Service - Scalable object storage for storing and retrieving data.
22. **Glacier:** Low-cost storage service for long-term data archival.
23. **Block Storage:** Not enough information provided in the video to provide a specific definition.
24. **EFS:** Elastic File System - Scalable, fully managed file storage for use with EC2 instances.
25. **SimpleDB:** Simple database service for storing and querying structured data.
26. **DynamoDB:** Fully managed NoSQL database service for high-performance applications.
27. **DocumentDB:** Fully managed NoSQL document database service for MongoDB-compatible applications.
28. **ElasticSearch:** Fully managed, highly scalable search and analytics engine.

29. **RDS:** Relational Database Service - Managed database service for various relational database engines.
30. **Aurora:** High-performance, fully managed relational database compatible with MySQL and PostgreSQL.
31. **Neptune:** Fully managed graph database service for building applications with highly connected datasets.
32. **ElasticCache:** Fully managed in-memory data store and cache service.
33. **TimeStream:** Fully managed time series database service for analyzing time-stamped data.
34. **QLDB:** Quantum Ledger Database - Fully managed ledger database service for transparently tracking changes to data.
35. **Redshift:** Fully managed data warehousing service for analyzing large datasets using SQL.
36. **Lake Formation:** Simplifies the creation and management of data lakes, including data ingestion, cataloging, and security.
37. **Kinesis:** Fully managed service for real-time streaming data ingestion and processing.
38. **EMR:** Elastic MapReduce - Managed big data processing service for running Apache Hadoop and Spark.
39. **MSK:** Managed Streaming for Apache Kafka - Fully managed service for Apache Kafka, a distributed streaming platform.
40. **Glue:** Fully managed ETL (Extract, Transform, Load) service for preparing and transforming data for analysis.
41. **Data Exchange:** Service for securely and efficiently sharing data between AWS accounts and external parties.
42. **Sagemaker:** Fully managed machine learning service for building, training, and deploying models at scale.
43. **Rekognition:** Deep learning-based image and video analysis service for object and facial recognition.
44. **Lex:** Service for building conversational interfaces using chatbots and voice-based applications.
45. **Deep Racer:** Autonomous racing car designed to learn reinforcement learning through simulation and competition.
46. **IAM:** Identity and Access Management - Service for managing access and permissions to AWS resources.
47. **Cognito:** Fully managed service for user authentication, authorization, and user management.
48. **Notifications:** Not enough information provided in the video to provide a specific definition.
49. **SES:** Simple Email Service - Scalable and cost-effective email sending and receiving service.
50. **CloudFormation:** Service for provisioning and managing AWS infrastructure as code.
51. **Amplify:** Development platform for building scalable and secure full-stack applications.
52. **Budget:** Service for managing and tracking AWS costs and usage.