iamneo

Introduction to AWS

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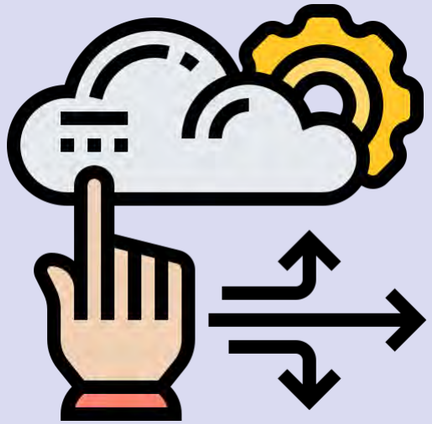
Welcome to the world of AWS, the most secure, flexible and scalable cloud computing platform. With AWS, you can build and deploy any application or software with ease.

What is AWS?

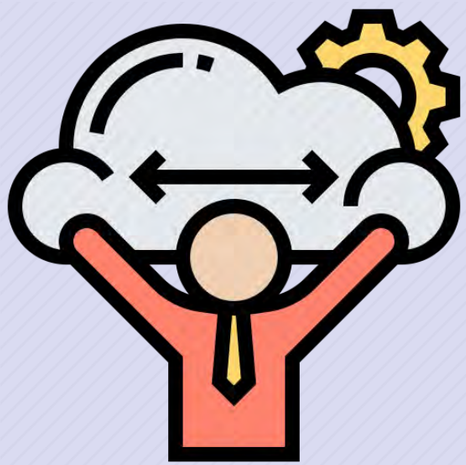
Amazon Web Services (AWS) is a cloud computing platform that offers a wide range of services including computing power, storage, security, analytics, and more. It is a comprehensive platform that enables developers to build and deploy applications quickly and efficiently.

Security

Flexible



Scalable



Usage of AWS Cloud

AWS Infrastructure

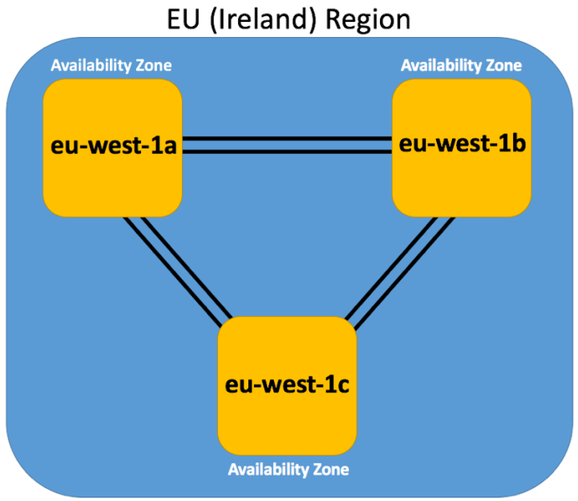
AWS has a global infrastructure comprising data centers, availability zones, and regions designed to provide high availability and durability for your applications and content.

1

Data Centers

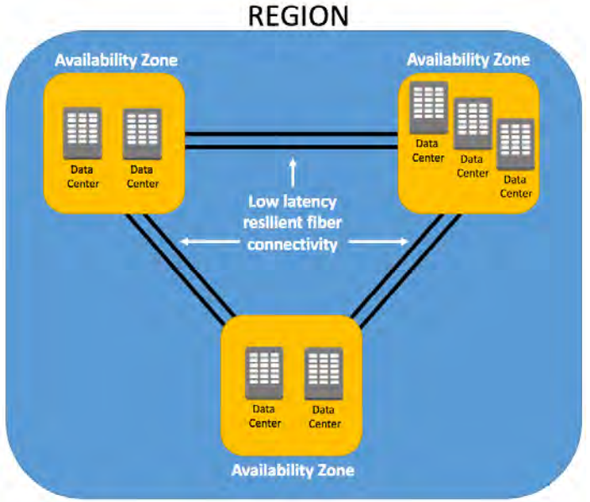
2

Availability Zones



3

Regions

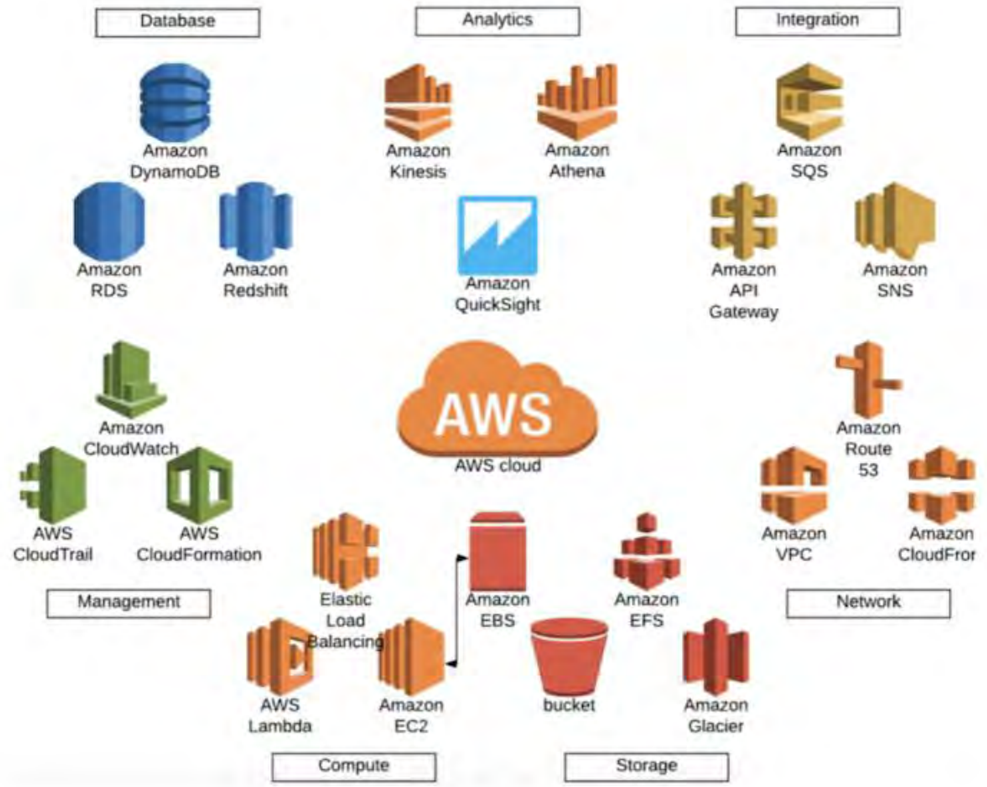


Advantages of AWS

There are many advantages to using AWS, including cost savings, ease of use, innovation, and more.

AWS Services Overview

With AWS, you can architect your applications using the most suitable architecture that meets your needs. Whether it's a simple web application or a complex distributed application with multiple tiers, AWS provides the tools and services you need to build and deploy it with ease.



AWS Service Overview

Amazon Web Services (AWS) provides a comprehensive cloud computing platform that offers a wide range of services to meet the needs of customers. Some of the major services include:

1 Compute

Services like EC2, Lambda, and Elastic Beanstalk provide scalable computing resources for running applications and workloads.

2 Storage

Services like S3, EBS, and Glacier provide scalable and durable storage for data and applications.

3 Database

Services like RDS, DynamoDB, and Aurora provide managed database solutions for different types of data and workloads.

4 Analytics

Services like Redshift, Athena, and QuickSight provide tools for data processing, warehousing, and analysis.

AWS Service Overview

5 Machine Learning

Services like SageMaker, DeepLens, and Rekognition provide pre-built models and tools for machine learning and AI applications.

6 Networking and Content Delivery

Services like VPC, CloudFront, and Route 53 provide tools for building and managing network infrastructure and content delivery networks.

7 Security, Identity, and Compliance

Services like IAM, Inspector, and GuardDuty provide tools for managing security, identity, and compliance in the cloud.

AWS Pricing Model

One of the many benefits of AWS is the pay-as-you-go pricing model, which is designed to provide cost savings and flexibility for customers.

Services	Pricing Model
Amazon EC2	Pay per instance per hour
Amazon S3	Pay per GB stored per month
Amazon RDS	Pay per hour per instance
Amazon Lambda	Pay per 100ms of execution time

Getting Started with AWS

Getting started with AWS is easy, with a range of resources and tools available to help you along the way. Here are some tips to help you get started:

1. Choose your platform

Choose the AWS platform that best meets your needs, whether it's EC2, S3, RDS, Lambda or something else.

2. Create your account

Sign up for an AWS account and provide your billing and payment information.

3. Launch your instance

Launch your instance and configure it as per your requirements.