

## AMAZON WEB SERVICES(AWS)

**Introduction :** Amazon web services (AWS) Subsidiary of amazon is a cloud computing platform that was launched by amazon in 2006

Amazon is an American multinational technology company based in Seattle, Washington, which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence.

It is one of the “Big Five” companies in the U.S. information technology industry, along with Google, Apple, Microsoft, and Facebook. The company has been referred to as "one of the most influential economic and cultural forces in the world", as well as the world's most valuable brand.

CEO: **ADAM SELIPSKY** was the chief executive officer of Amazon web Services

### Services that Amazon web services provide

**Amazon Web Services (AWS)** offers a vast catalog of services, covering everything from infrastructure to machine learning. Here are some key AWS services that you might find useful:

1. **Amazon EC2 (Elastic Compute Cloud):** EC2 provides secure and resizable compute capacity in the cloud. It allows developers to easily access and control compute resources for web-scale applications.
2. **Amazon RDS (Relational Database Services):** RDS manages relational databases, making it easier to set up, operate, and scale databases in the cloud. It supports popular database engines like MySQL, PostgreSQL, and SQL Server.
3. **Amazon S3 (Simple Storage Service):** S3 is an object storage service that allows you to store and retrieve data, such as images, videos, and backups. It's highly scalable, durable, and accessible via APIs.
4. **Amazon Lambda:** Lambda is a serverless compute service that lets you run code without provisioning or managing servers. It automatically scales based on demand and charges only for actual usage.
5. **Amazon Cognito:** Cognito provides authentication, authorization, and user management for your applications. It's useful for building secure user sign-up and sign-in flows.

These are just few services mentioned above. There are few more AWS services available

### Vision of AWS

As part of Amazon, we strive to be Earth's most customer-centric company. We work backwards from our customers' problems to provide them with cloud

infrastructure that meets their needs, so they can reinvent continuously and push through barriers of what people thought was possible.

### **Amazon web services year-on year Growth 2014-2023**

In the fourth quarter of 2023, revenues of Amazon Web Services (AWS) dropped **to 13 percent**, the lowest for the year. AWS is one of Amazon's strongest revenue segments, **generating 90 billion U.S. dollars in 2023 net sales, up from 80 billion U.S. dollars**

### **Awards and Honors**

Each year, Amazon Web Services (AWS) awards IMAGINE Grants to nonprofit organizations using cloud technology to drive mission-critical impact for their beneficiaries.

### **Corporate social responsibility**

We focus on addressing immediate needs, such as reducing hunger and homelessness, providing affordable housing, and serving communities in need following natural disasters. We also look to the future, by providing programs that support science, technology, engineering, and math (STEM) education and skills training.