

AWS Cloud Overview

1. Introduction

Amazon Web Services (AWS) is a cloud computing platform that offers a wide range of services, including computing power, storage, databases, networking, and machine learning. It provides scalable and cost-effective solutions for businesses and developers.

2. Core AWS Services

2.1 Compute Services

Amazon EC2 provides scalable virtual machines to meet various computing needs. AWS Lambda enables serverless computing, allowing event-driven applications to run without managing servers. Elastic Beanstalk simplifies application deployment and management.

2.2 Storage Services

Amazon S3 offers scalable and durable object storage for various use cases. Amazon EBS provides block storage for EC2 instances, ensuring high-performance storage. Amazon Glacier is designed for low-cost, long-term archival storage.