

# AMAZON WEB SERVICES CLOUD COMPUTING

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## SUMMARY

Cloud Computing was explained in detail through cloud computing models, deployment models and similarities between Amazon Web Services (AWS) and traditional IT. The advantages of cloud computing were also discussed thoroughly. Besides, there's also an explanation on how AWS works through categories of AWS services, ways to interact with AWS, AWS Pricing Calculator and Support Plan.

## CLOUD COMPUTING AND AWS COMPUTING

Cloud Computing is the on-demand delivery of computing power, database, storage, applications, and other IT resources via the internet with pay-as-you-go pricing. AWS is the actual name for cloud computing, cloud computing is just a marketing term. The actual thing is a series of web servers.

There are three types of cloud service provided in AWS: Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS). Also there are three types of cloud computing models like cloud, hybrid and on-premises (private cloud).

## WEB SERVICES

A web service is any piece of software that makes itself available over the internet and uses a standardized format - such as Extensible Markup Language (XML) or JavaScript Object Notation (JSON) - for the request and the response of an application Programming Interface (API) interaction



## WHAT DOES AWS OFFERS TO THE TRAINEES?

Aws offers a lot of services (Security, Database, Storage)

This training will teach you how to adapt a customer's needs into AWS services.

Ways to interact with AWS are AWS Management Console, Command Line Interface (CLI), Software Development Kits (SDKs).

There is also the **AWS Pricing Calculator**, used to estimate monthly costs, identify opportunities to reduce monthly cost, model your solutions before building them, explore price points and calculations behind your estimate, find the available instance types and contract terms that meet your needs, name your estimate and create and name groups of services

**AWS offers 4 Support plans:** **Basic Support:** Resource Center access, Service Health Dashboard, product FAQs, discussion forums, and support for health checks, **Developer Support:** Support for early development on AWS, **Business Support:** Customers that run production workloads, and **Enterprise Support:** Customers that run business and mission-critical workloads.

## REFERENCE

3rd TIS INDUSTRY LECTURE SERIES

Title: Amazon Web Services Cloud Computing

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Gillis, A. S. (2019, October 31). What is AWS (Amazon Web Services) and how does it work? SearchAWS. Retrieved November 28, 2021, from <https://searchaws.techtarget.com/definition/Amazon-Web-Services>.