

**->What is AWS Cloud?**

* AWS (Amazon Web Services) is a cloud computing platform.
* AWS has grown a lot since then in both size and product range
* It is, to date, the largest cloud provider in the world.

**->Essentials of AWS Cloud**

* IT professionals
* Marketing professionals
* Sales
* Business analysts
* Students
* Project managers
* Legal

## ->The Client-Server Model

* The Client-Server model is about a client that interacts and makes requests to a computer server.
* A client is the way that the person interacts with the server.
* The server does tasks for the client and returns information.

**->Deployment Models**

There are three different kinds of deployment models:

* Cloud-based
* On-premises
* Hybrid

The models are different ways of accessing compute services - over the internet, locally, or in a combination.

## ->Cloud-Based Deployment

Everything runs in the cloud.

This model allows you to build new applications or move existing ones to the cloud.

The level of service has different requirements on your management, architecting, and infrastructure.

For example, a company might create an application consisting of virtual servers, databases, and networking components entirely based in the cloud.

## ->On-Premises Deployment

Deploy resources by using virtualization and resource management tools.

## ->Hybrid Deployment

In a hybrid deployment, you connect cloud resources to an on-premises infrastructure.

This approach is relevant in many situations.