aws

**Essentials of AWS Cloud**

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

**Use of AWS**

* Launch simple web applications
* Create custom Website
* Build small business application
* Spin up test environments

**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 interact 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.

There are different levels of services ranging from low to high.

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.