

Module -1 [AWS]

Client - server model:

Client: Client can be a web browser or desktop application that person interacts with to make requests to computer servers.

Server: A server can be service such as Amazon EC2, a type of virtual server.



Example:

If a client makes a req. for a new article in the site is online game or video. The server evaluates the details of this req. & fulfill it by returning the info to the client.

Deployment models for cloud computing.

cloud Based Deployment:

Runs all parts of the app. in the cloud.

migrate existing app to the cloud.

Design & build new app in the cloud.

Build app on.

Low level Infra. → requires IT staff
to manage them

High level Infra. → reduces the right,
architecting & scaling req. of the
infra.

On-premise deployment

→ also includes private cloud
deployment

→ In this model resources are
deployed on premises by using virtualization
& resource mgmt tool.

Eg: you might have app that runs on
Technology fully kept in an on-premise
data center

Hybrid deployment:

connect cloud based resources to on-premise infrastructure.

Integrate cloud based resources with legacy IT application.

Eg:

a company wants to use cloud services that can automate batch data processing & analytics.

However the company has several legacy application that are not suitable on premises & will not be migrated to the cloud.

With Hybrid deployment

the company would be able to keep the legacy app on premises while benefiting data & analytics services that run in cloud.