

2014

March

10 Monday
000-200

Module 1: [AWS]

Client-Server model :

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

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Server :

A server can be services such as Amazon EC2, a type of Virtual server.

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⑧ Example

If a [client] makes a request for a new article, the score in an online game, or video. The [server] evaluates the details of this request and fulfills it by returning the info to the client.

Deployment models for cloud Computing Thursday 13
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① CLOUD BASED DEPLOYMENT:

- ① Runs all parts of the application in the cloud.
- ② Migrate existing application to the cloud.
- ③ Design and build new applications in the cloud.

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②

Build application on,

① Low level infrastructure \Rightarrow requires
IT staff to manage them

② High level infrastructure \Rightarrow reduce the
management, architecting and scaling
requirements of the core infrastructure

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② On-premises deployment :

\rightarrow On-premises deployment also known
as private cloud deployment.

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

Example :

You might have applications that run on technology fully kept in your on-premises data centers.

③ Hybrid deployment :-

* Connect cloud-based resources to on-premises infrastructure

* Integrate cloud based resource with legacy IT applications.

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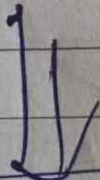
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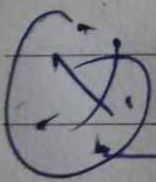
Example

① Your company wants to use cloud services that can automate batch data processing and analytics.

② However, the company has several legacy applications that are more suitable on premises and will not be migrated to the cloud.



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WITH HYBRID DEPLOYMENT

the company would be able to keep the legacy app on premises

while benefiting data & analytics services that run in cloud.