

Introduction to Cloud Computing:

Before getting into it, Let's discuss what's happening before the Cloud

If you need a Server, we have to

- Buy it
- Install it
- Maintain it
- Replace it
- Have an Own IT team

Basically, A server is having a lot of components like

- CPU
- Networking
- Databases
- User Management etc

What is Cloud: Compute, Networking, Storage & other services managed by someone else.

- We call them as Cloud Providers

Who is Cloud Provider:

- Companies who build huge data centers
- Fill it with servers, networking, cooling, electricity etc
- Design and install various services
- Make it publicly accessible

In the Cloud Era, if you need a server, You can just create within minutes

Characteristics of Cloud:

- On Demand Self Service
- Broad Network Access
- Resource Pooling
- Rapid Elasticity
- Measured Service

*****Refer Presentation which I've Shared**

To better Understanding of Cloud, In final aspect:

CapEx	OpEx
Making Upfront investment for future profit	Pay for what you actually use
Non Optimal	Most Optimal
Not Flexible	Extremely Flexible

Businesses are moving to the cloud because OpEx is Financially efficient.

Types of Cloud Computing:

- Infrastructure as a Service (IAAS)
- Platform as a Service (PAAS)
- Software as a Service (SAAS)

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