



# SNS COLLEGE OF ENGINEERING



Kurumbapalayam(Po), Coimbatore – 641 107

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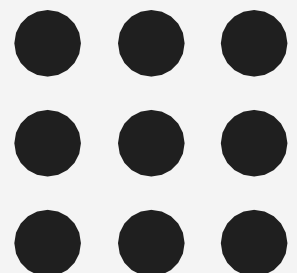
## Department of Information Technology

Course Name – CS8791 Cloud Computing

IV Year / VII Semester

Unit 3 – Cloud Architecture, Services and Storage

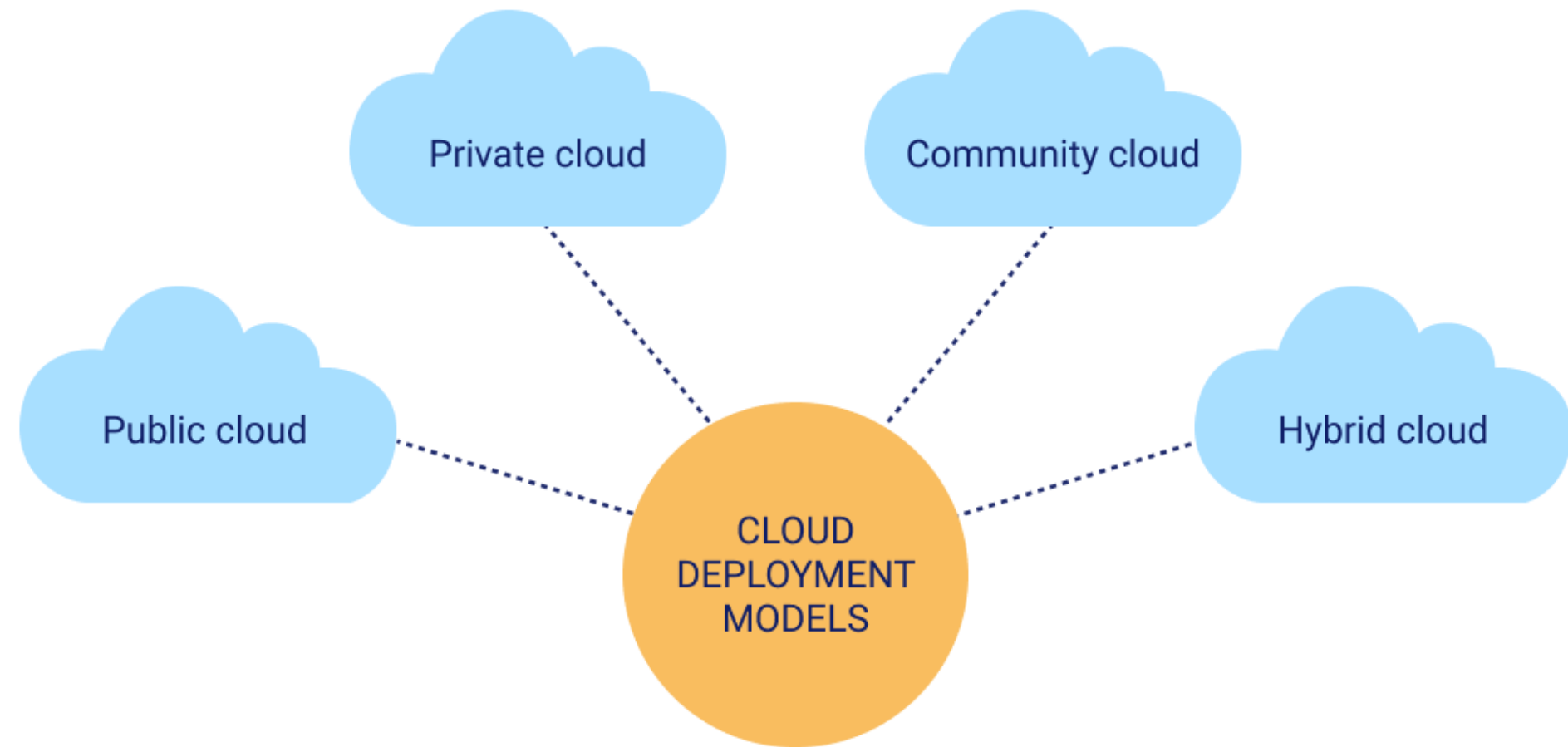
Topic 2- Public Cloud



## Cloud Types

A cloud infrastructure may be operated in one of the following deployment models:

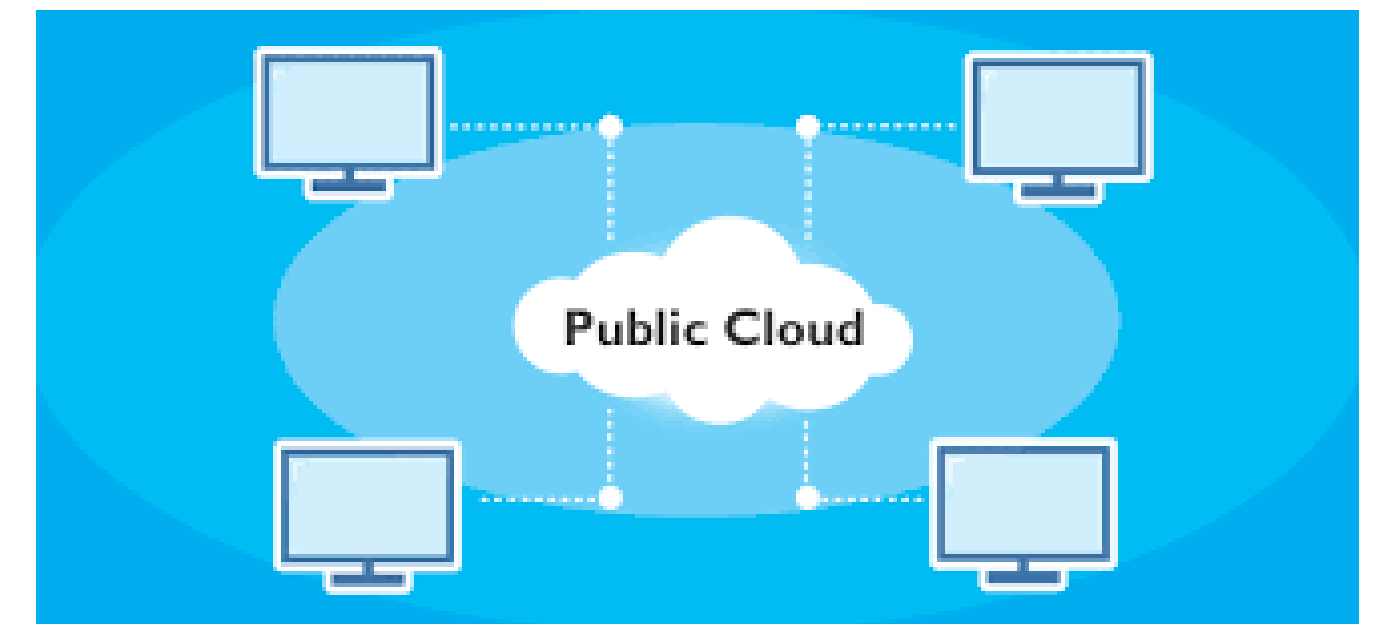
- ☐ public cloud,
- ☐ private cloud,
- hybrid cloud
- ☐ community cloud



## Public Cloud

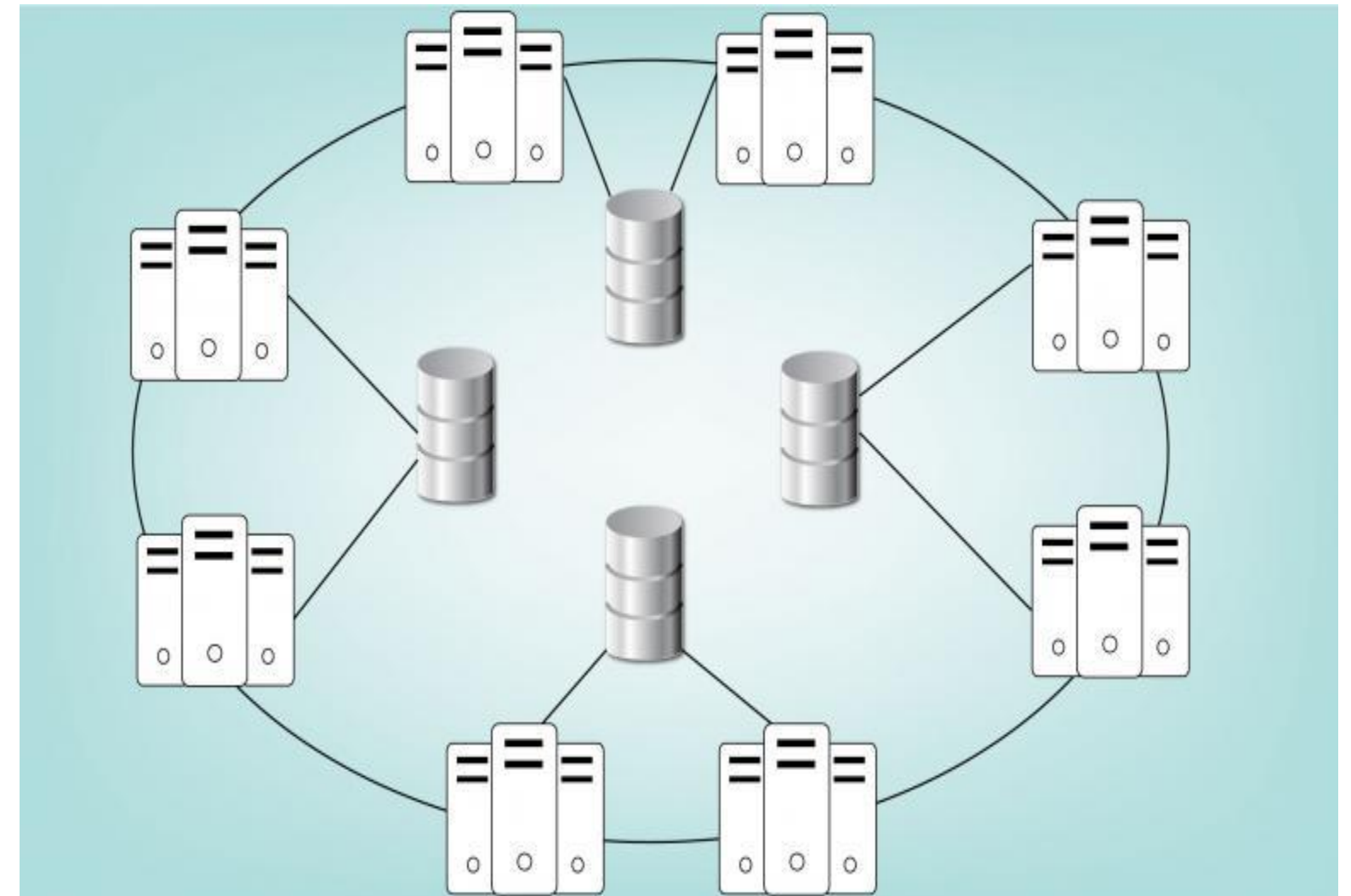
☐ Cloud services are made to general public over Internet

- Any organization can provide public cloud
- The services offered are made available to anyone, from anywhere, and at any time through the Internet.
- Any user can subscribe and start to use



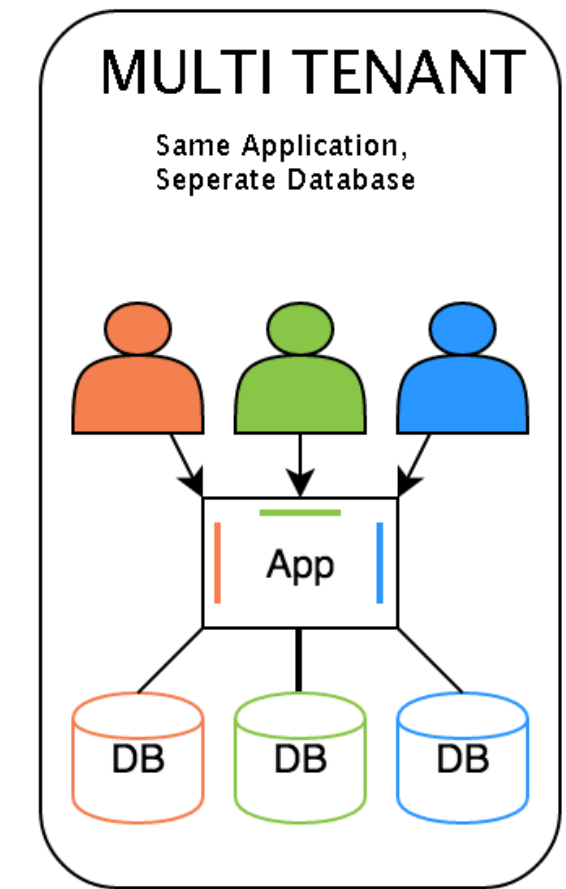
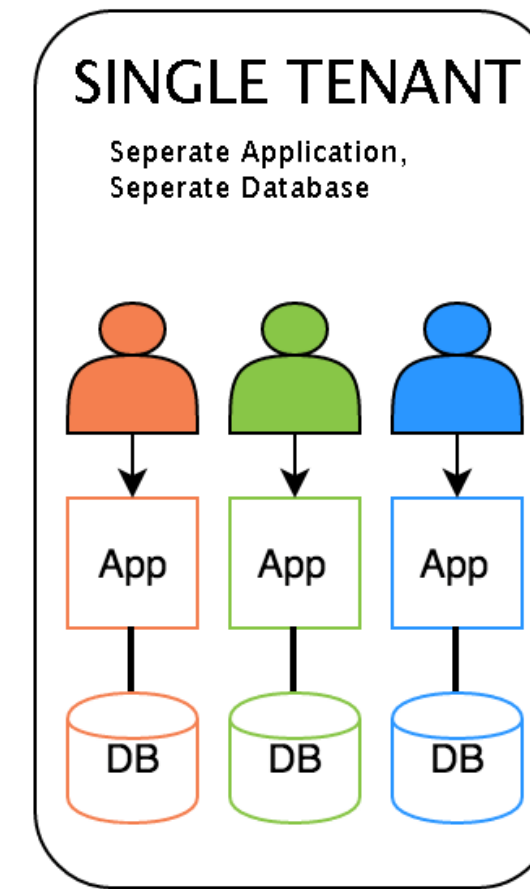
## Public Cloud

- Public cloud offer solutions for minimizing IT infrastructure costs and serve as a viable option for handling peak loads on the local infrastructure.
- public cloud is a distributed system
- composed of one or more datacenters connected together
- on top of which the specific services offered by the cloud are implemented
- It minimizes IT infrastructure cost



# Public Cloud

- Suitable for small enterprises
- Run business without large up-front investment
- public clouds is multitenancy
- public cloud is meant to serve a multitude of users, not a single customer.
- A public cloud can offer any kind of service: infrastructure, platform, or applications





# Public Cloud



## Benefit of Public Cloud

- Public clouds promote standardization,
- preserve capital investment, and
- offer application flexibility.



## Public Cloud

### Drawbacks

- the provider is in control of the infrastructure and, eventually, of the customers' core logic and sensitive data.
- The risk of a breach in the security infrastructure of the provider could expose sensitive information to others.
- Public cloud service offering has low degree of control and physical and security aspects of the cloud.

## Public Cloud

### Example

- Amazon EC2 is a public cloud that provides infrastructure as a service;
- Google AppEngine is a public cloud that provides an application development platform as a service;
- SalesForce.com is a public cloud that provides software as a service.
- Icloud
- Google Cloud



iCloud







**THANK YOU**