CLOUD SERVICES

S Thenmozhi

Department of Computer Applications

CLOUD SERVICES

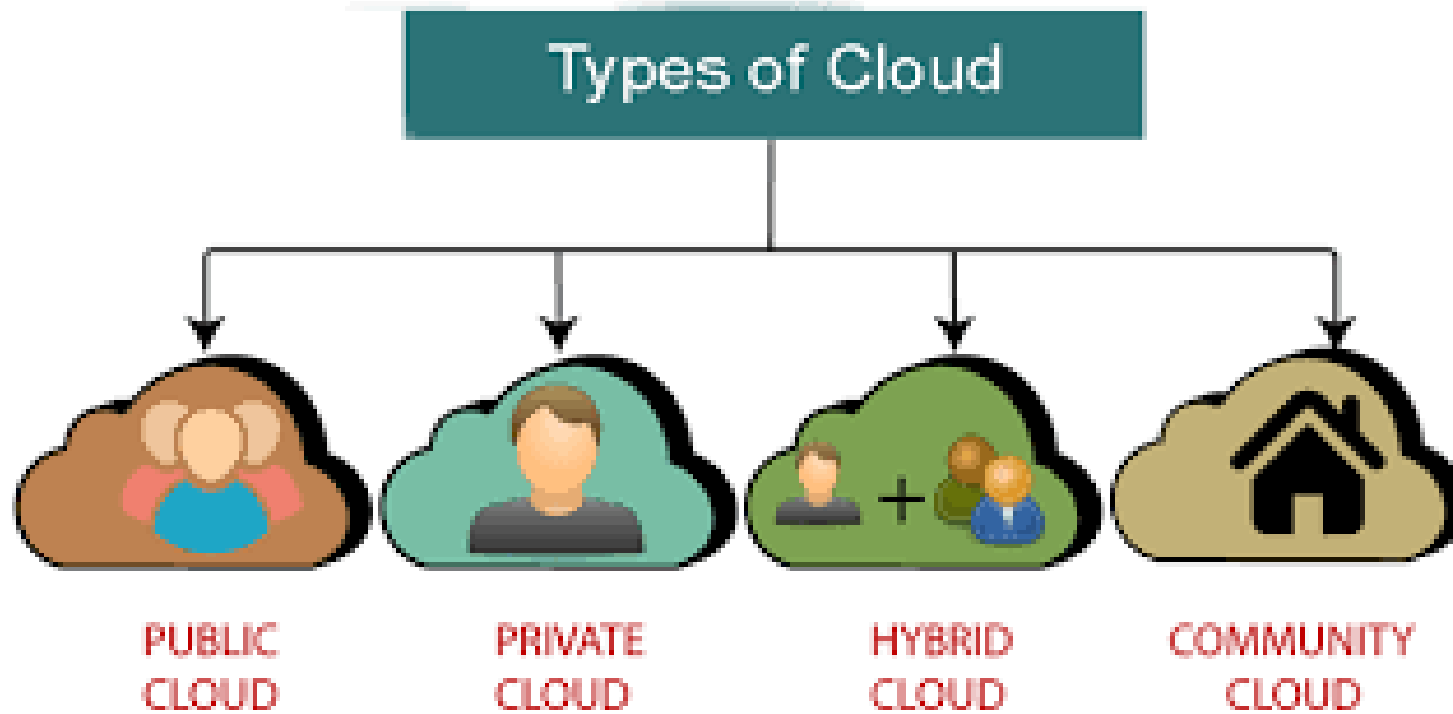## Cloud Computing Essentials

S Thenmozhi

Department of Computer Applications

CLOUD SERVICES

Cloud Deployment Models

Src: javatpoint.com

Cloud Deployment Models
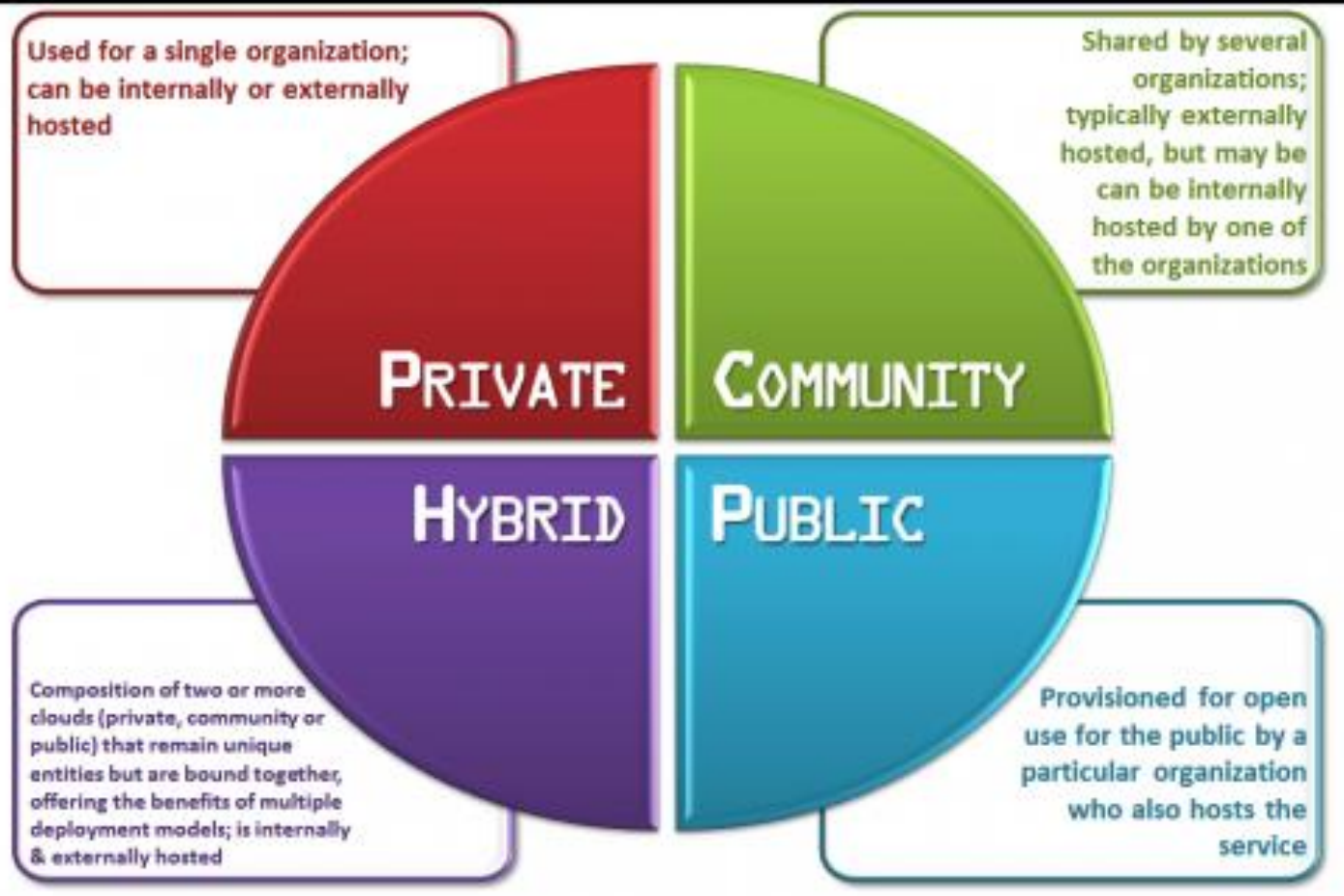
Public Cloud - Available for public use or large industry group

Private Cloud – Exclusive for single organization

Hybrid Cloud – Combines Multiple clouds (private and Public) to offer application and data portability

Community Cloud – Available for shared use of single organizations supporting to specific community

Cloud Deployment Models

Used for a single organization; can be internally or externally hosted

PRIVATE

Shared by several organizations; typically externally hosted, but may be can be internally hosted by one of the organizations

COMMUNITY

Composition of two or more clouds (private, community or public) that remain unique entities but are bound together, offering the benefits of multiple deployment models; is internally & externally hosted

HYBRID

Provisioned for open use for the public by a particular organization who also hosts the service

PUBLIC

Src: bigdata-guide.blogspot.com

CLOUD SERVICES
Cloud Deployment Models

Public Cloud	Private Cloud	Hybrid Cloud
No maintenance costs	Dedicated and secure	Policy-driven deployment
High scalability, flexibility	Regulation compliant	High scalability, flexibility
Reduced complexity	Customizable	Minimal security risks
Flexible pricing	High scalability	Workload diversity supports high reliability
Agile for innovation	Efficient	Improved security
Potential for high TCO	Expensive with high TCO	Potential for high TCO
Decreased security and availability	Minimal mobile access	Compatibility and integration
Minimal control	Limiting infrastructure	Added complexity

TCO – Total Cost Ownership

THANK YOU

S Thenmozhi

Department of Computer Applications

thenmozhis@pes.edu

+91 80 6666 3333 Extn 393