

## Cloud Deployment Models

1. Private Cloud
2. Public Cloud
3. Hybrid Cloud
4. Community Cloud

- **Private Cloud**

- enterprise owned or leased
- Cloud services used by a single organization, not exposed to the public.
- Complete control
- Security for sensitive applications
- Meet specific business needs
- Internal
- For Enterprises/Corporations with large scale IT

- **Public Cloud**

- Sold to the public, mega-scale infrastructure

- Cloud resources owned and operated by a third party cloud service provider delivered over the Internet.
- External
- Concerns: SLA, Reliability, Availability, Security, Trust and Confidence
- Advantages of Cloud Computing

- **Hybrid Cloud**

- composition of two or more clouds
- Keep some servers on premises and extend some capabilities to the Cloud
- Control over sensitive assets in your private infrastructure
- Flexibility and cost effectiveness of the public cloud
- *Cloud Burst: Use the local cloud, when you need more resources burst into the public cloud*

- **Community Cloud**

- shared infrastructure for specific community

