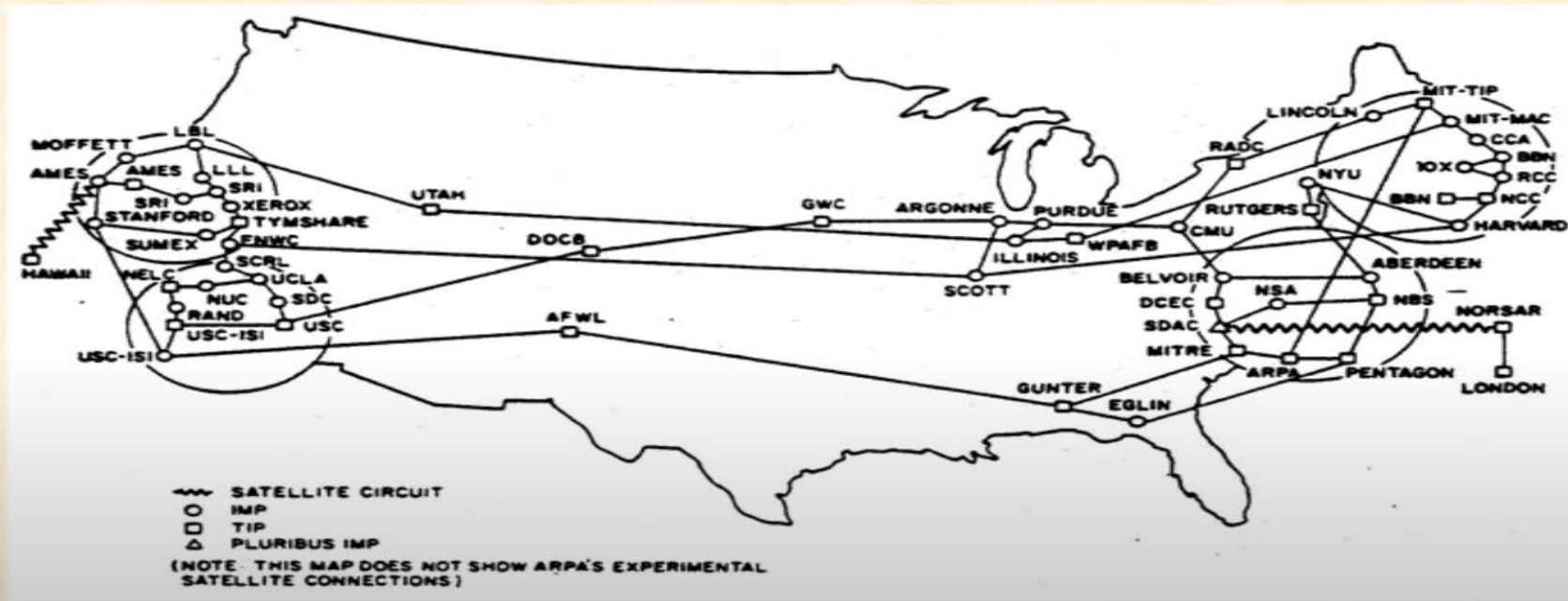


Introduction to Cloud Computing



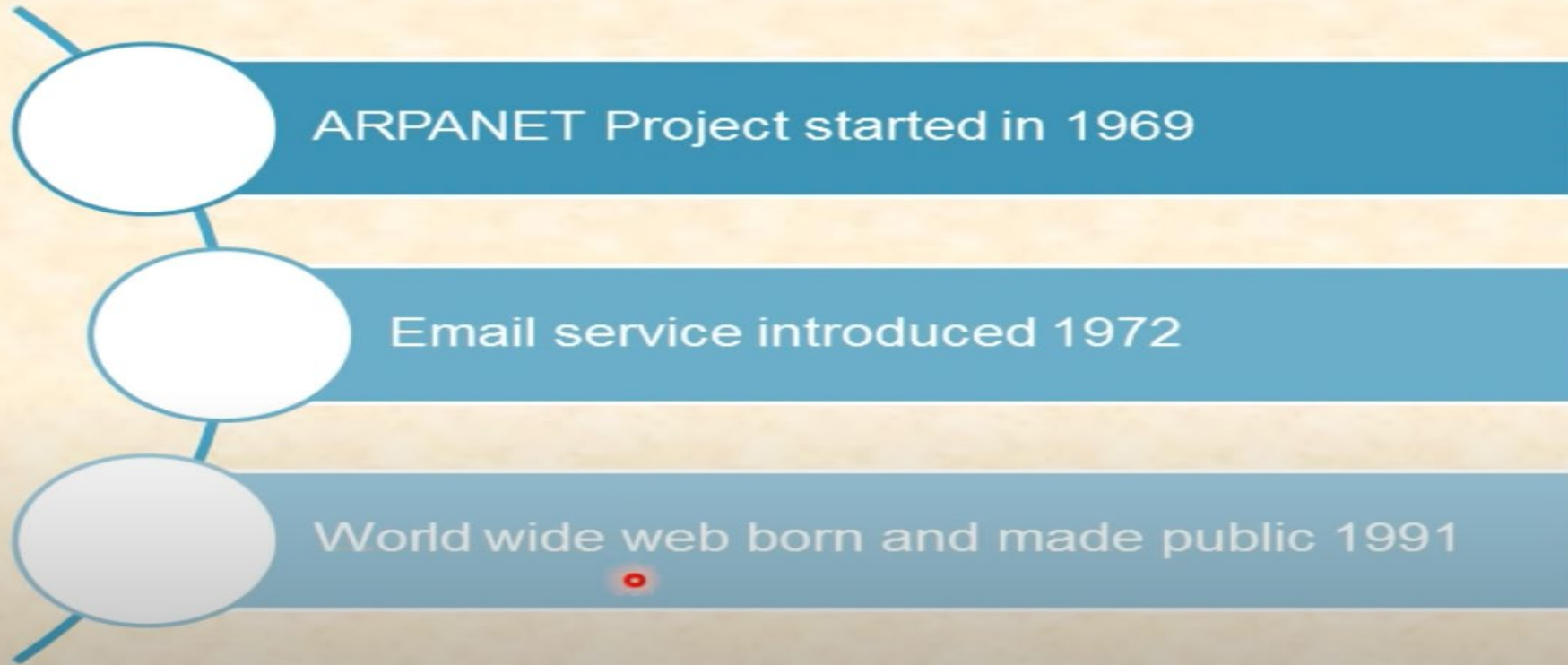
Evolution of Internet

Evolution of Internet ARPANET



History of Internet

History Of Internet



Web Hosting Providers

Hosting Service Providers



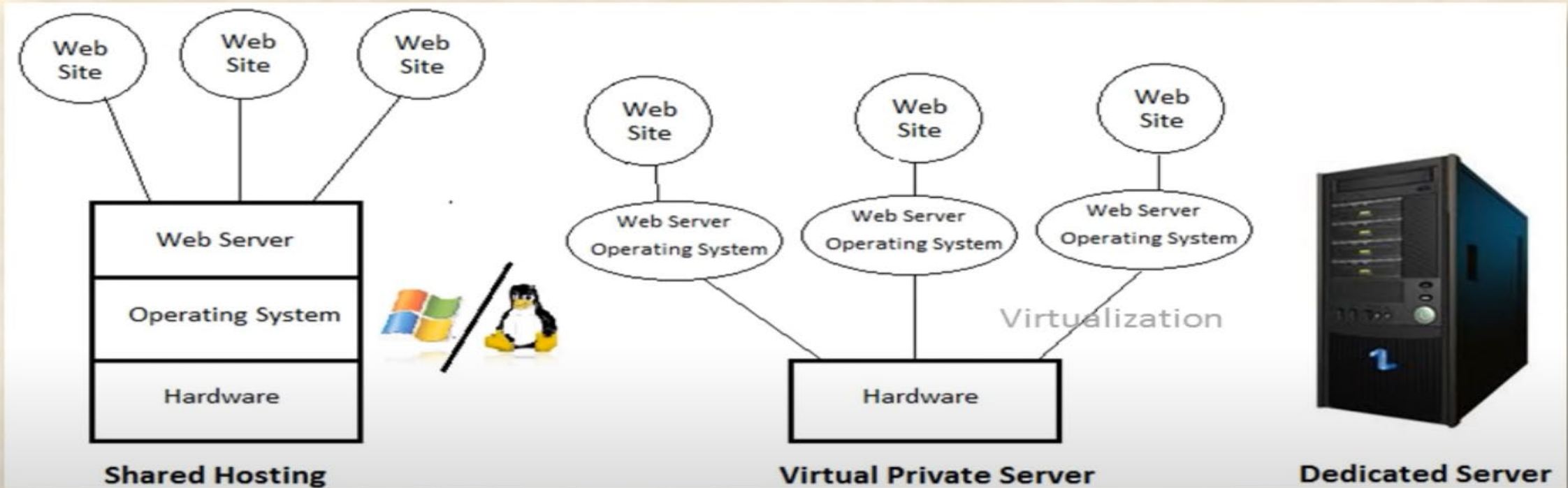
Third Party Server

- GoDaddy
- Dream Host
- Blue Host



Type Of Hosting Providers

Types of Hosting Services



Growth Of Contents

Growth of Contents

- Contents plays key role in internet
- Let internet users write the contents

Free Internet Services

Free Internet Services

- Email [Gmail](#)
- Blogs [Blogger](#)
- Wikis [Wikipedia](#)
- Forums [topix.com](#)
- Chat [Yahoo Chat](#)
- Social Networking [Facebook](#)
- Online Sale [eBay , amazon](#)

Cloud Service

Data Centres

- Yahoo
- Google
- Amazon
- Microsoft MSN
- Facebook
- Twitter
- eBay



Computing Models



Computing Models

Computing Models

Desktop Computing

Client-Server Computing

Cluster Computing

Grid Computing

Cloud Computing

Desktop Computing

- ▶ A desktop computer is a personal computing device designed to fit on top of a typical office desk. It houses the physical hardware that makes a computer run and connects to input devices such as the monitor, keyboard and mouse users interact with



Desktop Computing

Desktop Computing

1. Personal

2. Professional

- Engineers
- Artist
- Authors
- Doctors
- Programmers

3. Office

4. Desktop Publishing

Software

1. MS-Office
2. AutoCAD
3. Photoshop
4. Illustrator
5. 3DStudio Max
6. Dreamweaver
7. Net Beans
8. Visual Studio
9. CMS

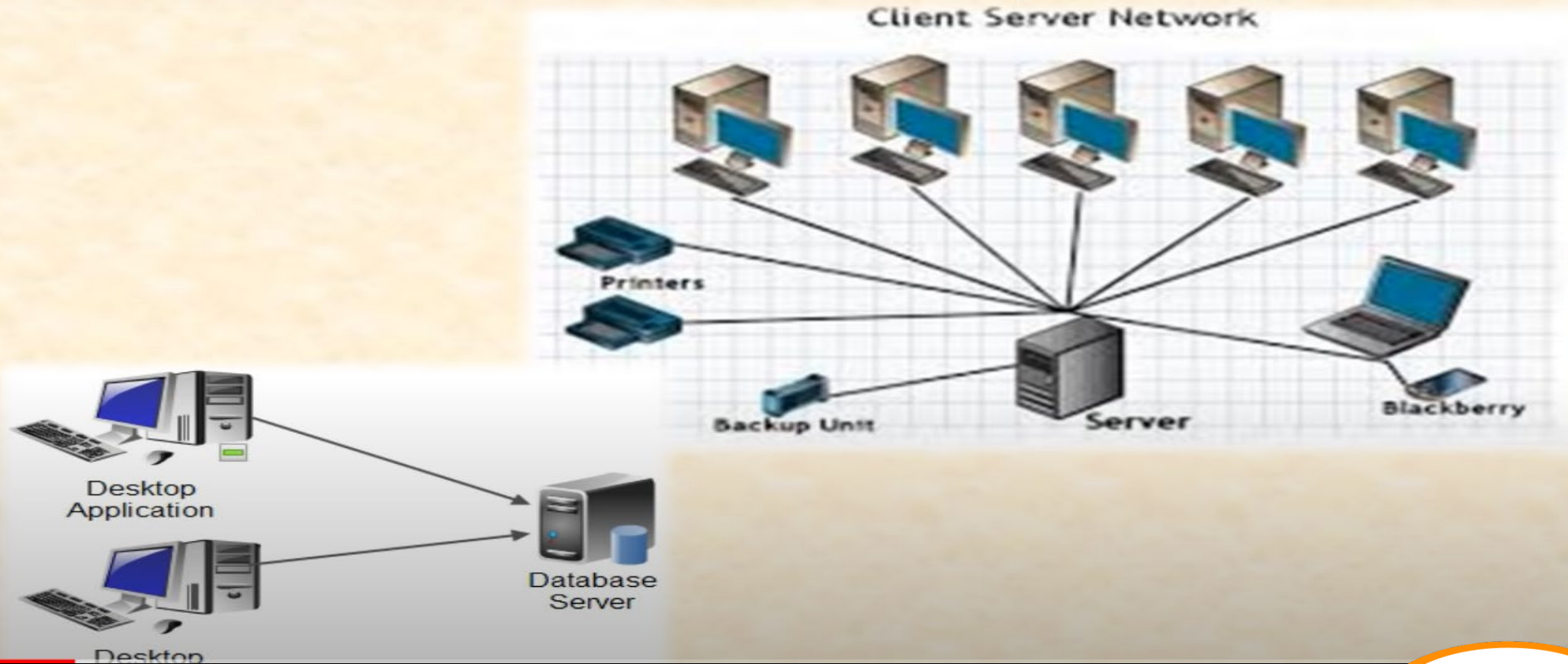
Client–Server Computing

- ▶ In client server computing, the clients requests a resource and the server provides that resource. A server may serve multiple clients at the same time while a client is in contact with only one server.



Client-Server Computing

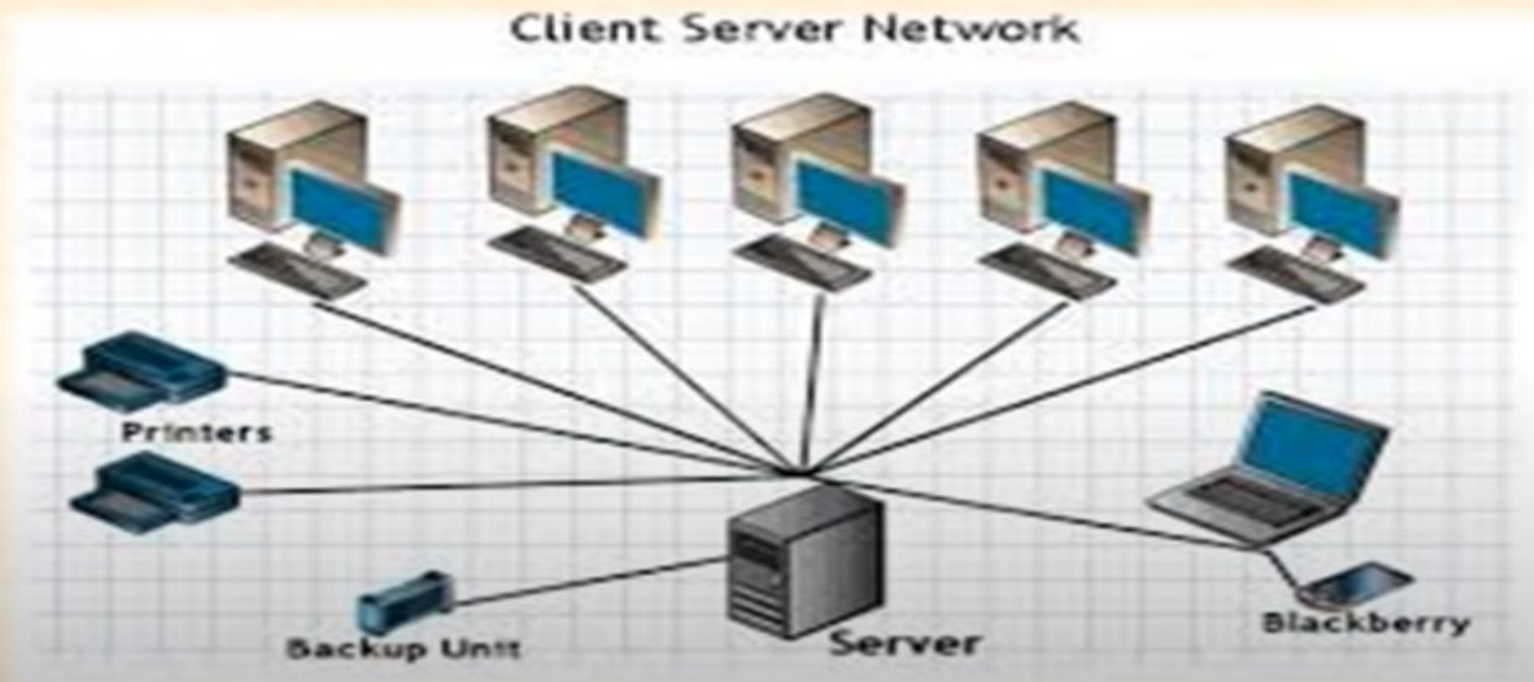
Client-Server Computing



Client Server

Client Server

More Clients, more load on server



Cluster Computing

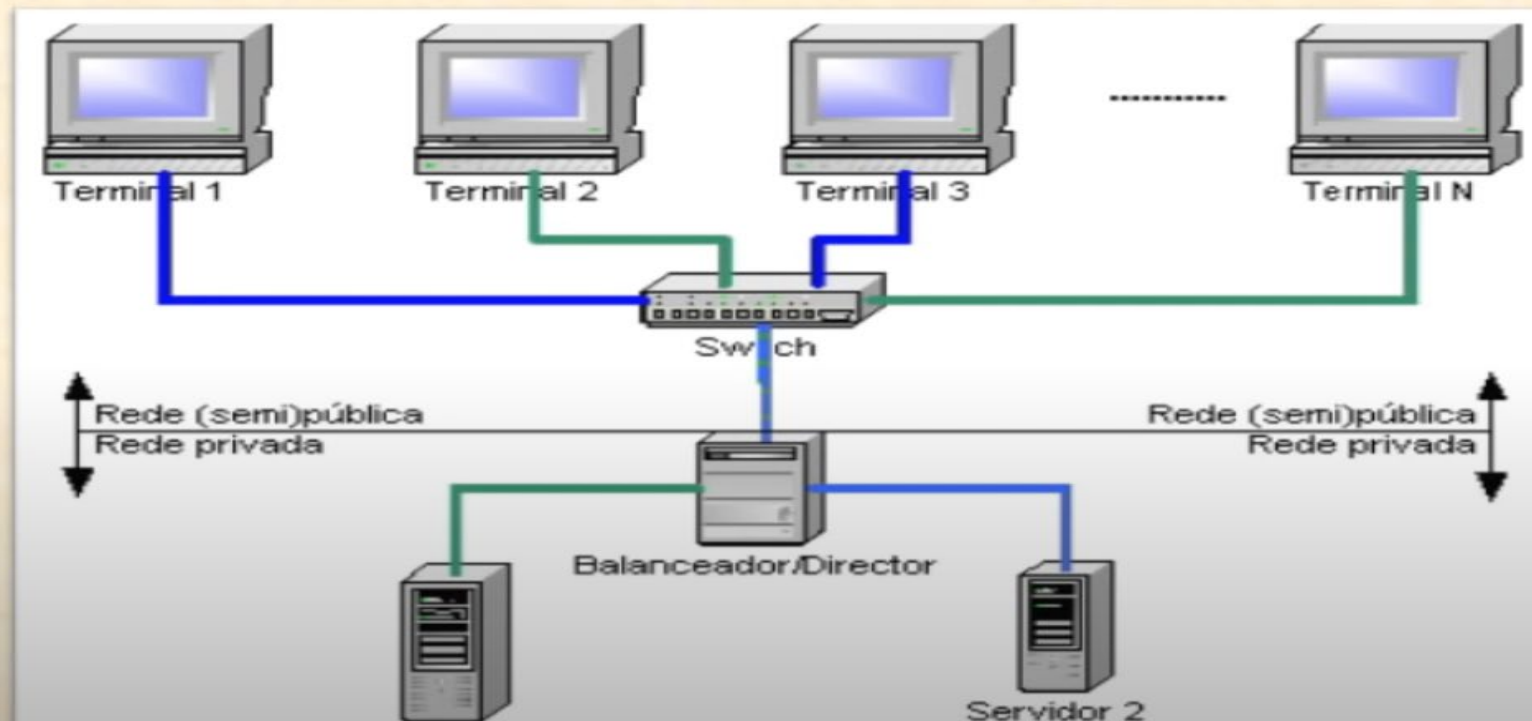
- ▶ A Computer Cluster is a local network of two or more homogeneous servers .A computation process on such a computer network i.e. cluster is called Cluster Computing.



Cluster Computing

Cluster Computing

Homogenous Servers



Grid Computing

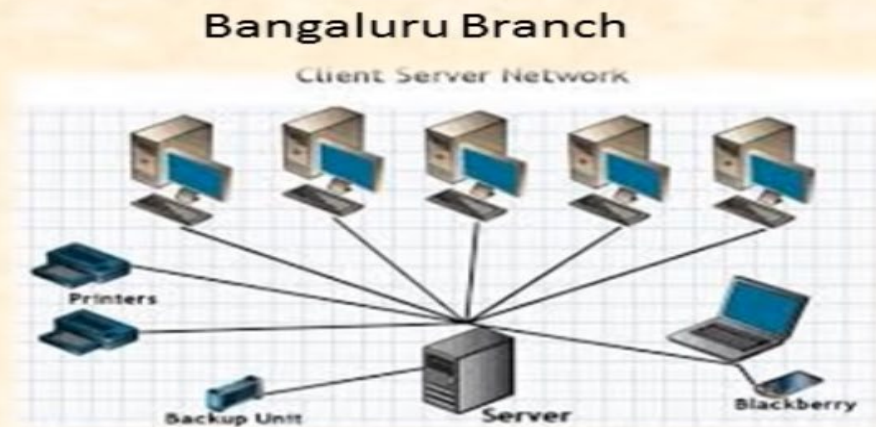
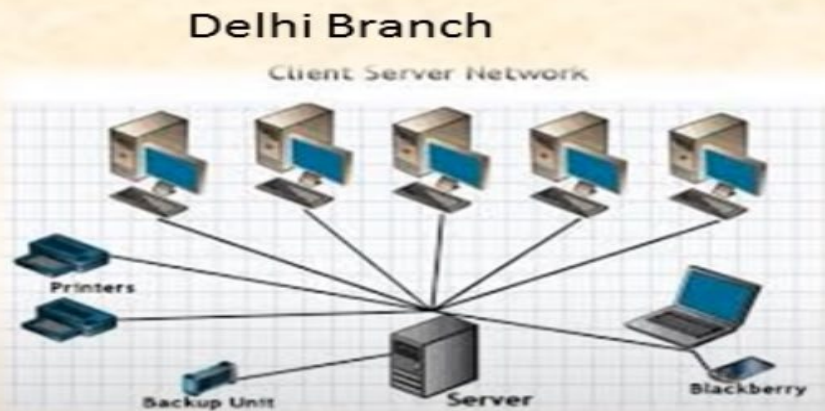
- ▶ Grid Computing can be defined as a network of homogeneous or heterogeneous computers working together over a long distance to perform a task that would rather be difficult for a single machine



Grid Computing

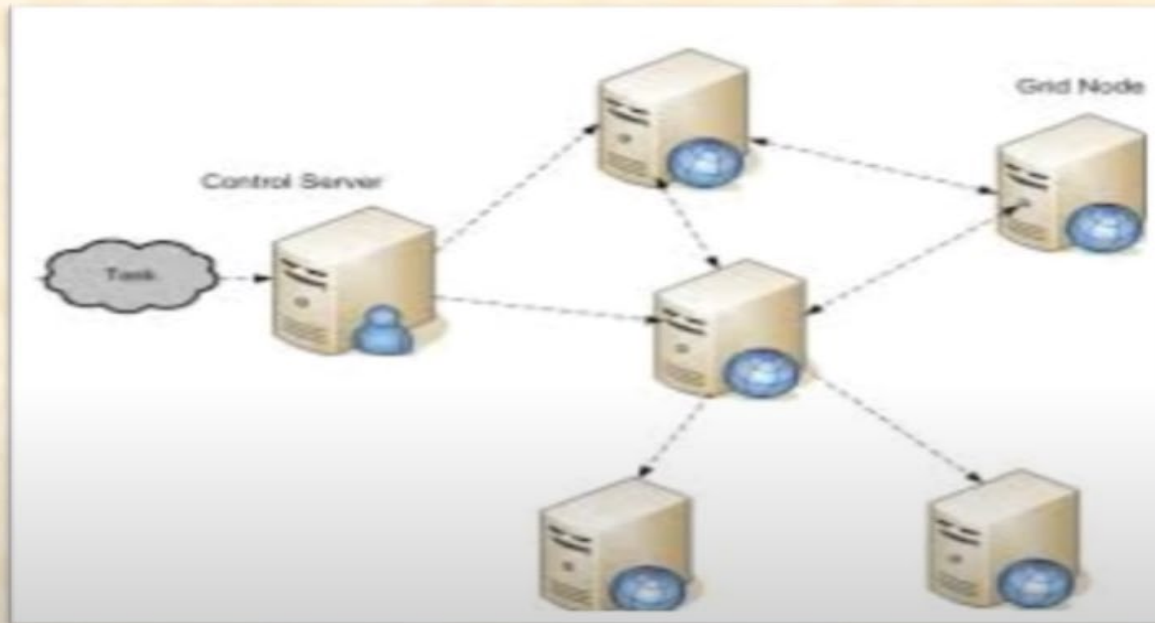
Grid Computing

- **Different Locations**



Grid Computing

Grid Computing

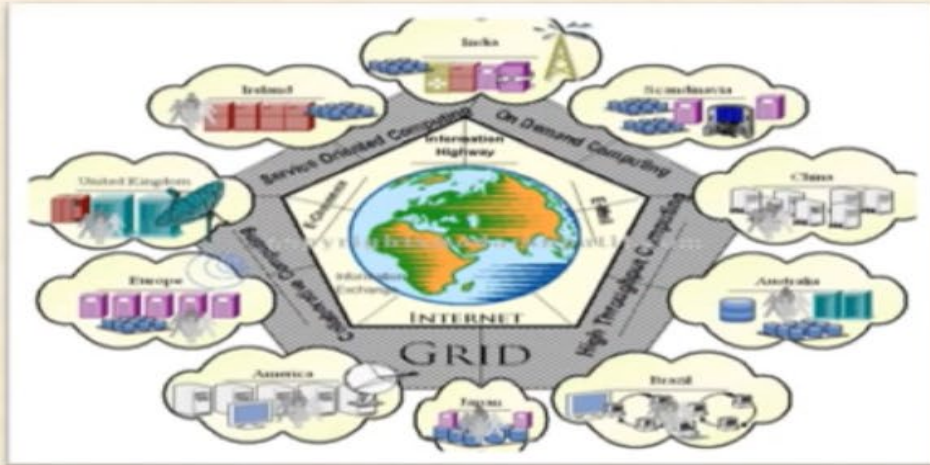


Heterogeneous Servers

- Different Operating Systems
 - Different Application Servers
1. Database Server
 2. Mail Server
 3. Web Server
 4. File Server

Cloud Computing

Cloud Computing



Software Companies

- SAP
- Oracle Apps
- Microsoft Dynamics

Companies who Own Cloud

- Toyota
- Wal-Mart
- TATA Group
- Citi Bank

Infrastructure Maintenance

- IBM
- Dell
- Intel
- HP
- Cisco
- Sun

Cloud Computing

cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence—over the Internet (“the cloud”) to offer faster innovation, flexible resources, and economies of scale.

You typically pay only for cloud services you use, helping lower your operating costs, run your infrastructure more efficiently and scale as your business needs change.



