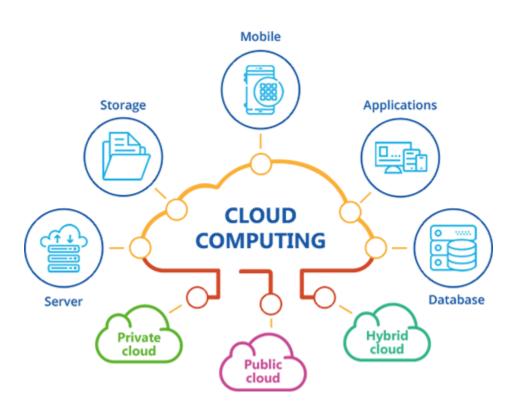
What is cloud computing?

The National Institute of Standards and Technology (NIST) defines Cloud Computing as "Cloud Computing is a model for enabling ubiquitious, convenient, on-demannd network acess to a shared pool of configurable computing resources (for example, networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction."



Introduction

Computing Models

Evolution of Cloud Computing

Cloud Business

Computing Models

Desktop Computing

Client-Server Computing

Cluster Computing

Grid Computing

Cloud Computing

Desktop Computing





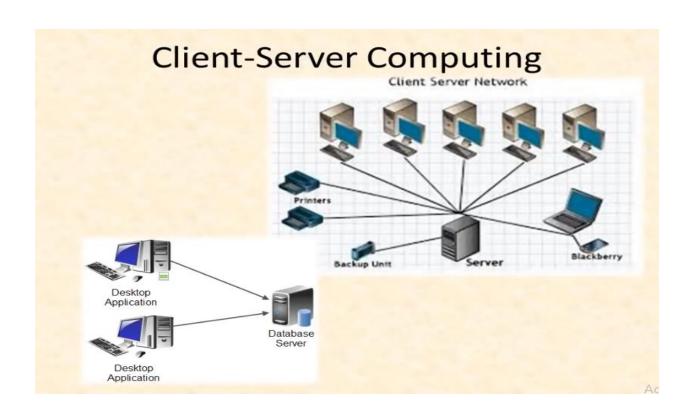


Desktop Computing

- 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

Banks

Retail Stores

Marketing & Sales

Distribution

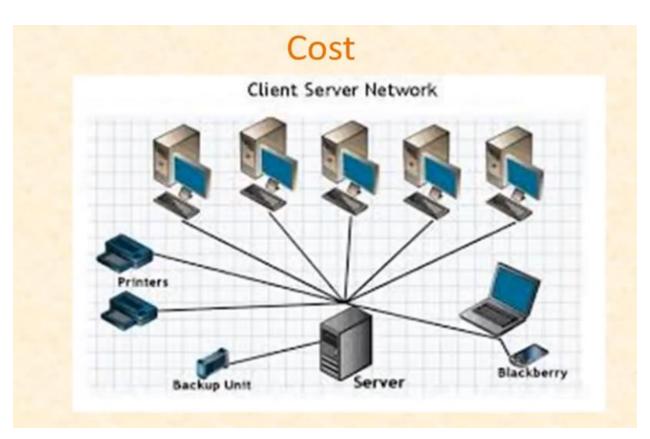
Aviation Companies

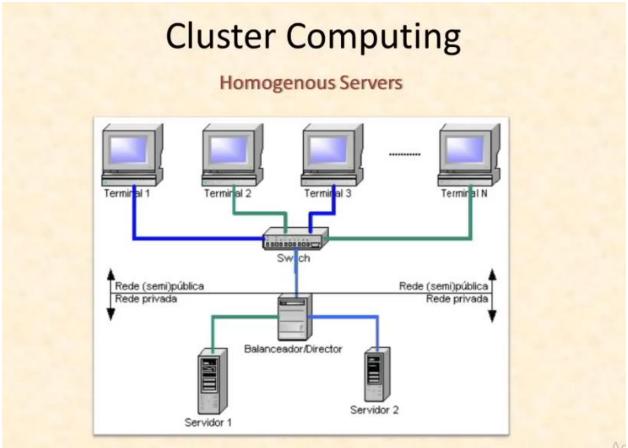
Automobile Companies

Oil Companies

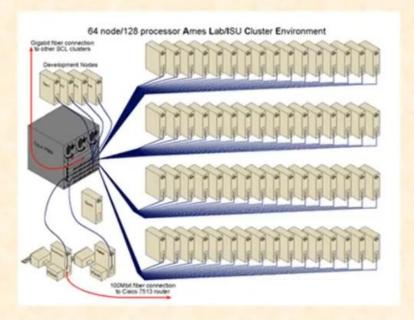
Software

- 1. Accounting/Finance
- 2. Sales ERP
- 3. CRM
- 4. Distribution ERP
- 5. Manufacturing ERP
- SAP
- Oracle Apps
- Microsoft Dynamics



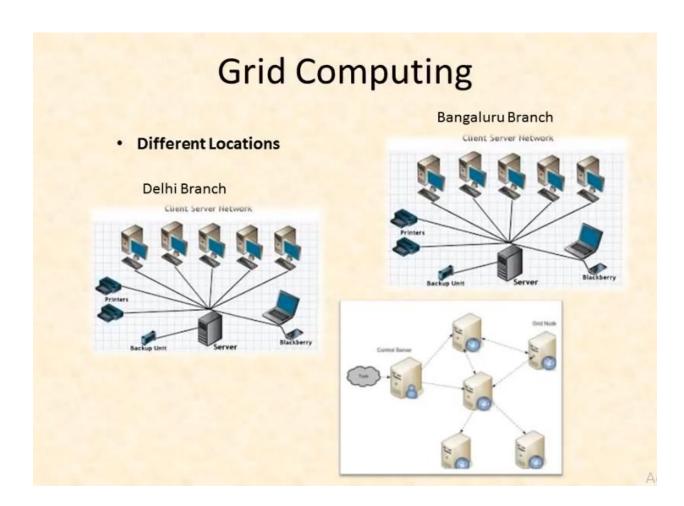


Cluster Computing

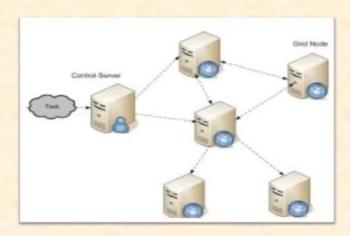


Cluster Computing





Grid Computing

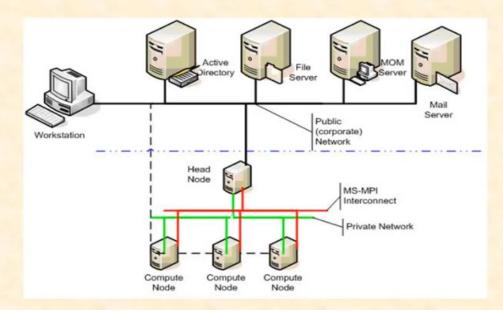


Heterogeneous Servers

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

Grid Computing

Different Services



Cloud Computing

Combination of Cluster and Grid Computing



4

Cloud Computing



Companies who Own Cloud

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

Infrastructure Maintenance

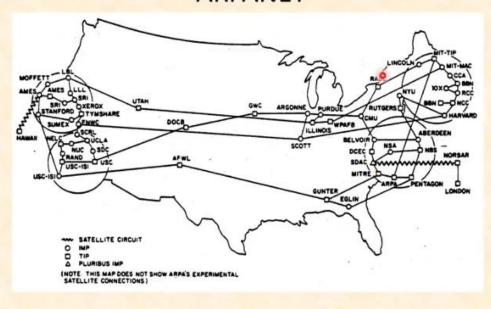
- o IBM
- o Dell
- o Intel
- o HP
- o Cisco
- o Sun

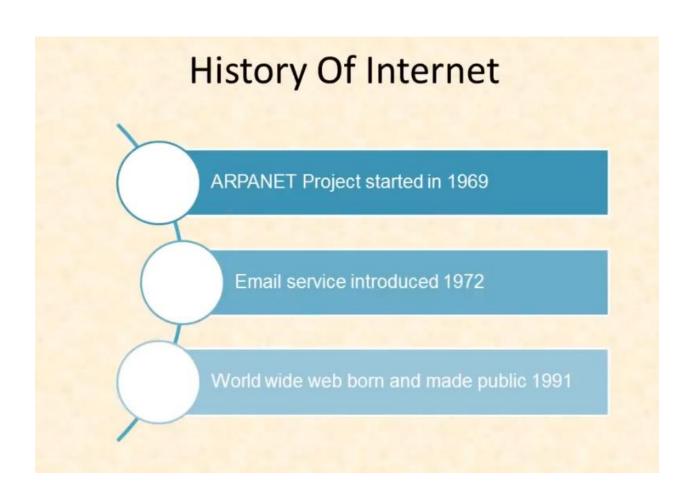
Software Companies

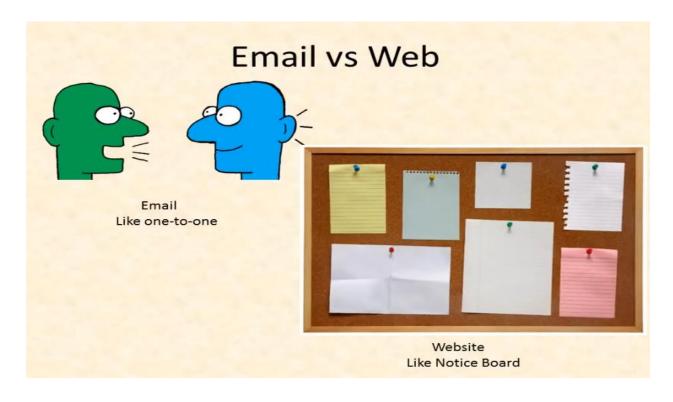
- SAP
- Oracle Apps
- Microsoft Dynamics

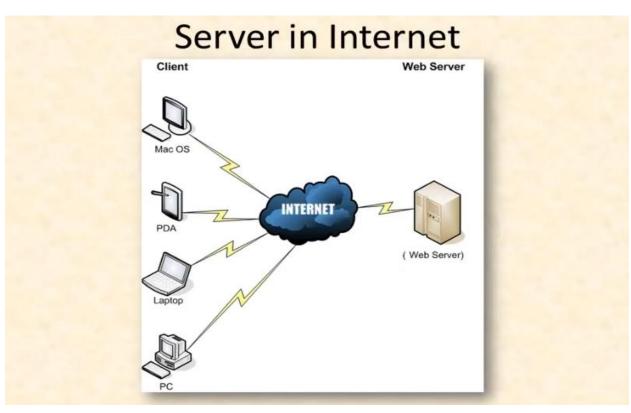
Evolution of Cloud Computing

Evolution of Internet ARPANET



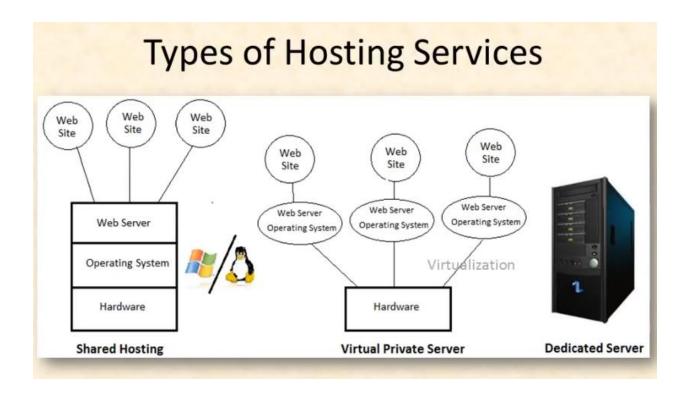












Growth of Contents

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

Free Internet Services

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



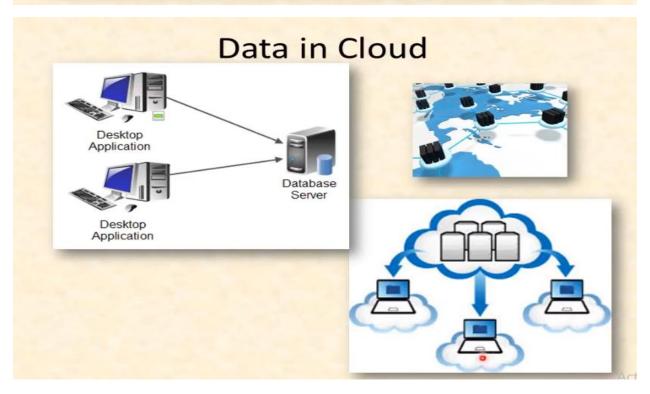
- > Yahoo
- ➤ Google
- > Amazon
- Microsoft MSN
- > Facebook
- > Twitter
- ➢ eBay



Internet as Cloud



Internet as Cloud sales force.com BUNGEEconpuect Azure Services Platform ©tera. Microsoft Sun force.com Google wmware Google IBM EMC' amazon webservices (intel) NETSUITE (D)



Cloud as Business

Cloud Services

Flashback



Cloud = Cluster + Grid

Private Clouds

- Toyota
- Citi Bank
- Wal-Mart

Clouds in Internet

- Google
- Microsoft
- Salesforce
- HP
- IBM

Flashback

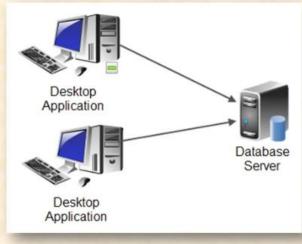


Rented - Shared Hosting For Websites



Rented Cloud for Client-Server, Business Application(ERP)

Server Requirement



Application

Software (ERP)

Operating System

Platform

Hardware Network

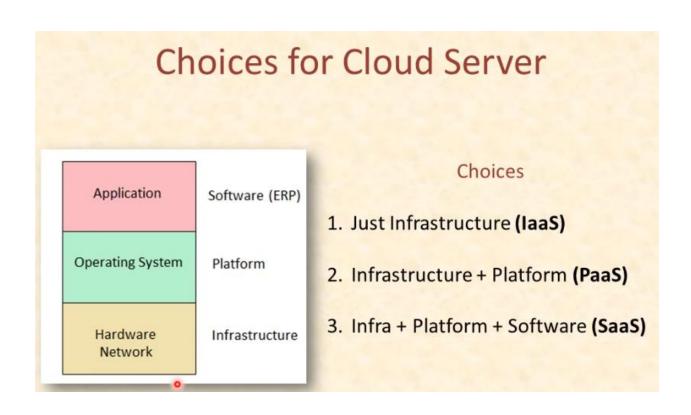
Infrastructure

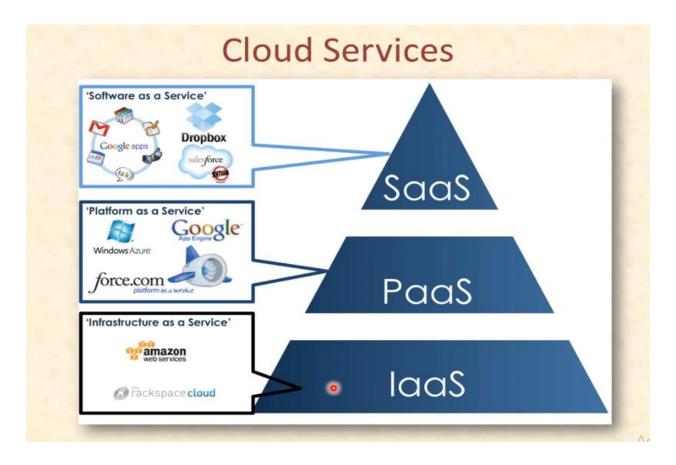
Example

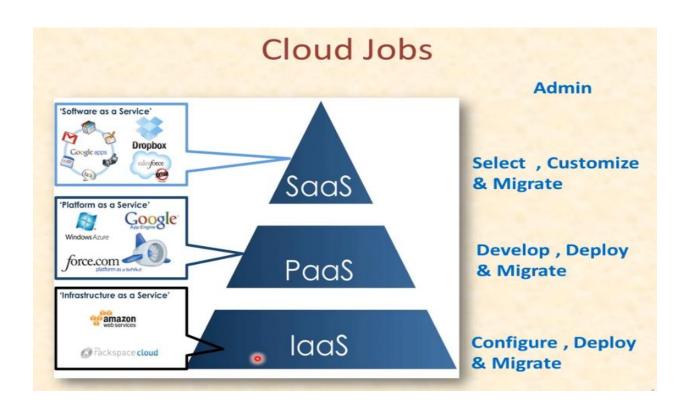


Space & Decoration

Space, Decoration and Catering







Cloud Computing Benefits

Benefits

Cost

Device and Location Independent

Virtualization

Multi-Tenancy

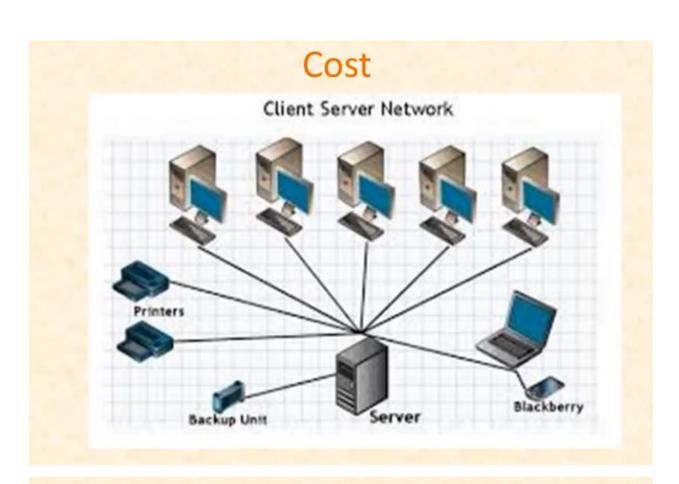
Reliability

Security

Scalability or Elasticity (on-demand Resources)

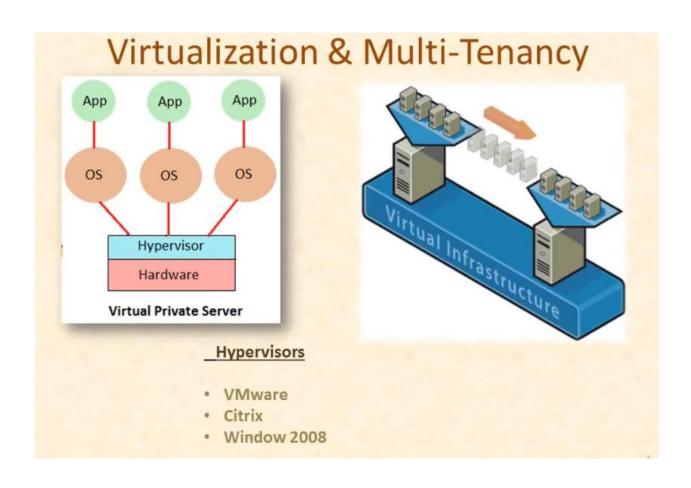
Maintenance

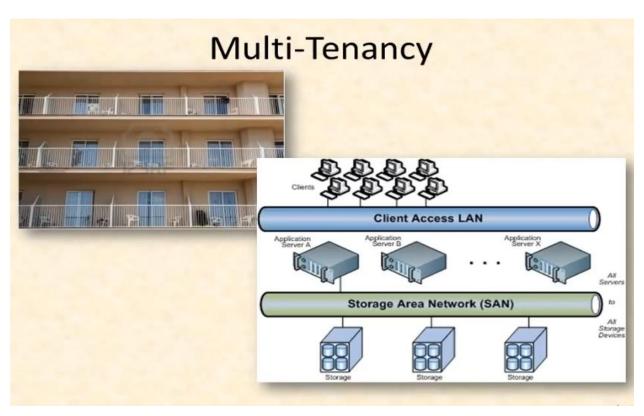
Software Delivery









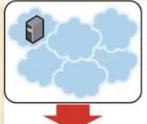


Reliability and Security





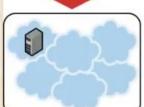
Elasticity & Maintenance



Baseline computing resources



Elastic on demand computing provisioned for usage spikes



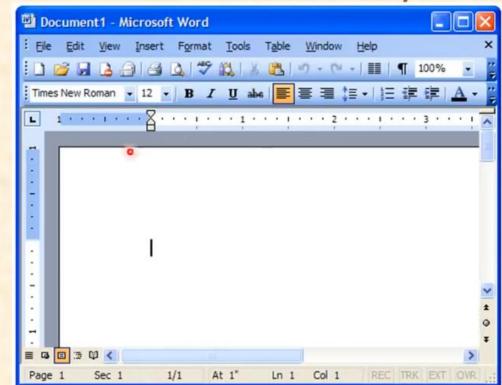
Computing resources released after usage subsides



Software Delivery



Software Delivery



Software Delivery

http://office.microsoft.com/en-IN/

