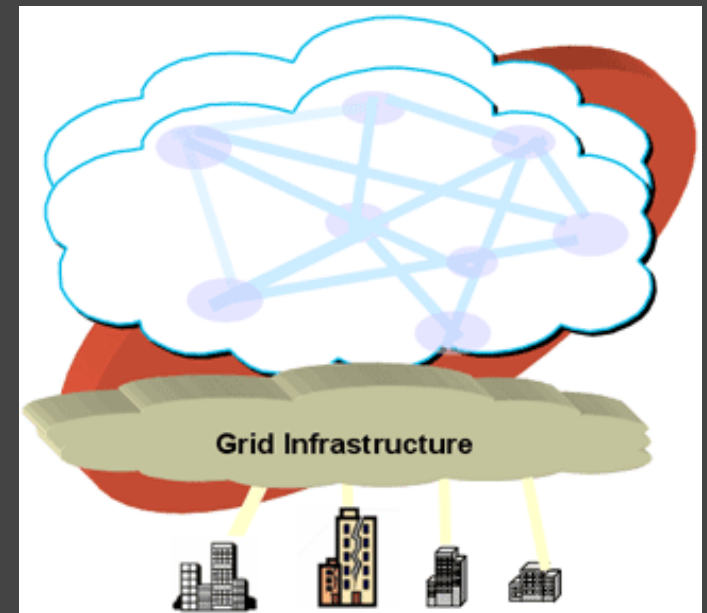


Cloud Computing

Presented by Mark Mathson

What is Cloud Computing?

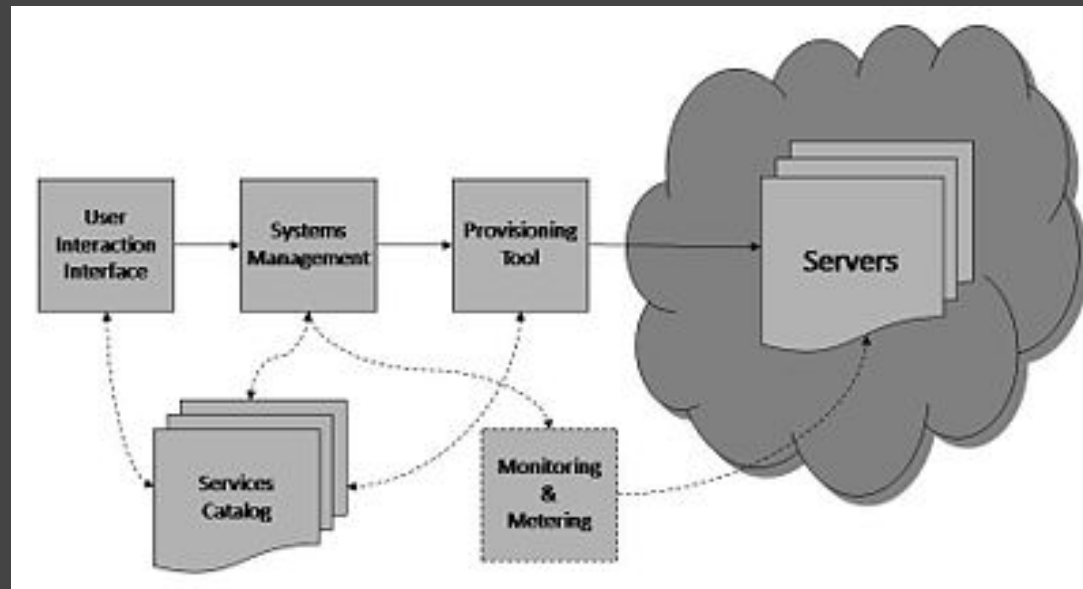
- Shared computing resources
 - As opposed to local servers and devices
- Made up of Grid Infrastructure
 - Scalable
 - Virtualization
- Web applications
- Specialized raw computing services



Credit [ICT Watch](#)

Technical Key Points

- User interaction interface: How users of cloud interface with the cloud
- Services catalog: Services a user can request
- System management: Manages the resources available
- Provisioning tool: Carves out the systems from the cloud to deliver on the requested service
- Monitoring and metering: Tracks the usage of the cloud (optional)
- Servers: Virtual or physical servers managed by System management



Credit [Wikipedia](#)

Benefits of Cloud Computing

- Cost savings for resources
- Cost savings for storage
- Scalable services and applications
- Redundancy and disaster recovery

Future of Cloud Computing

- Time will tell
- Developments daily
- Big Watch List:
 - Amazon (EC2, S3)
 - Google (File System)
 - Virtualization (VMware and XenServer)

Extra: Cloud Computing Video

- [IBM Blue Cloud Video](#)