MCMC-MTSFB
CLOUD COMPUTING SEMINAR
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CLOUD COMPUTING IMPACT ON ORGANIZATION

by

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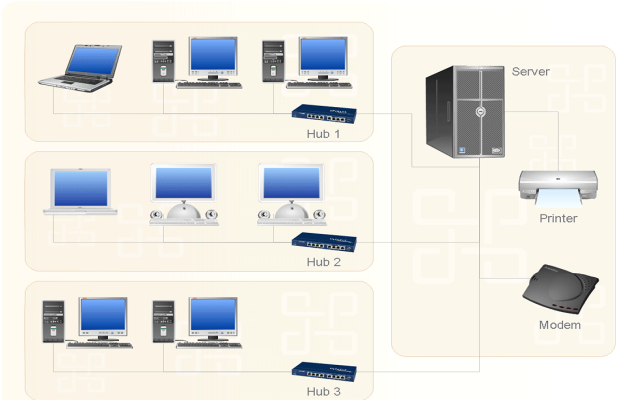
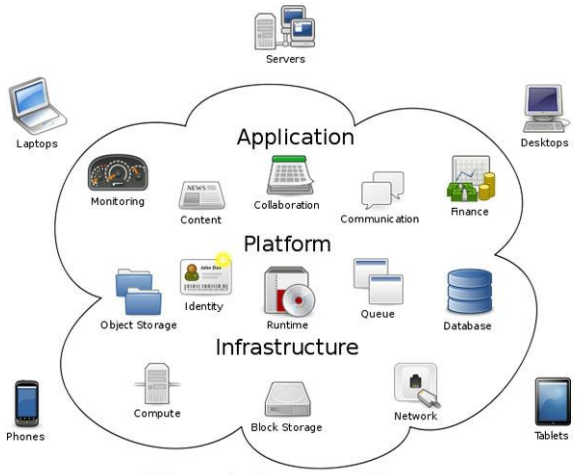
CLOUD COMPUTING DEFINITION

A model for delivering information technology services in which resources are retrieved from the internet through web-based tools and applications, rather than a direct connection to a server.



TRADITIONAL COMPUTING



Cloud Computing

The key element of a Cloud Computing are:

1. The empowerment of Users
2. Non dependency on location and device
3. Centralization of resources (hardware and data)
4. Less involvement of IT personnel for maintenance
5. On demand services

Web based tools + Internet

CLOUD AND ITS RESOURCES

Cloud Computing vs Internet

	Internet	Cloud computing
Time when impact was becoming visible	1995 onward	2010 onward
Character	Network of networks	Network of business platforms
What it represents to business	New channel to customers	New venue to conduct new business with new rules
Nature of collaboration in the ecosystem	Edge integration for data exchange	Deeper integration with workflow and internal processes
Enables	Connections	Processes
Character of interactions	One-to-one or one-to-many	Many-to-many

Source : PricewaterhouseCoopers

CLOUD COMPUTING DELIVERY MODEL

Cloud Computing is delivered through 3 fundamentals models:

SaaS Software as a Service

- Application, Email, communication tools, etc.

PaaS Platform as a Service

- Database, web server, development tools, etc.

IaaS Infrastructure as a Service

- Servers, Storage, Network, etc.

CLIENTS

Web browser, mobile apps, etc.

IMPACT ON IT AND ORGANIZATION

PROS:

1. Scale and Cost
2. Choice and Agility
3. Encapsulated Change Management
4. Next Generation Architectures

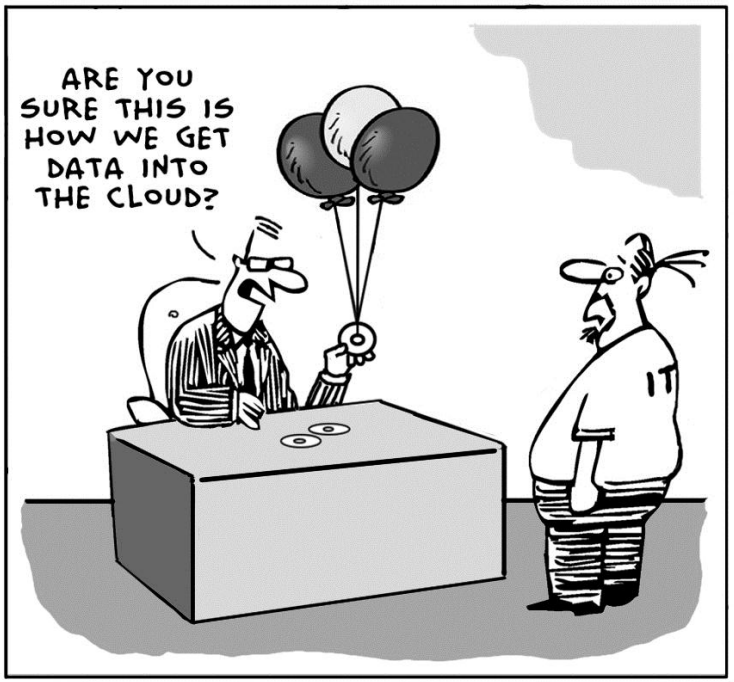
CONS:

1. Security
2. Lock-in
3. Lack of Control
4. Reliability

Source : BLOGS.ZDNET.COM

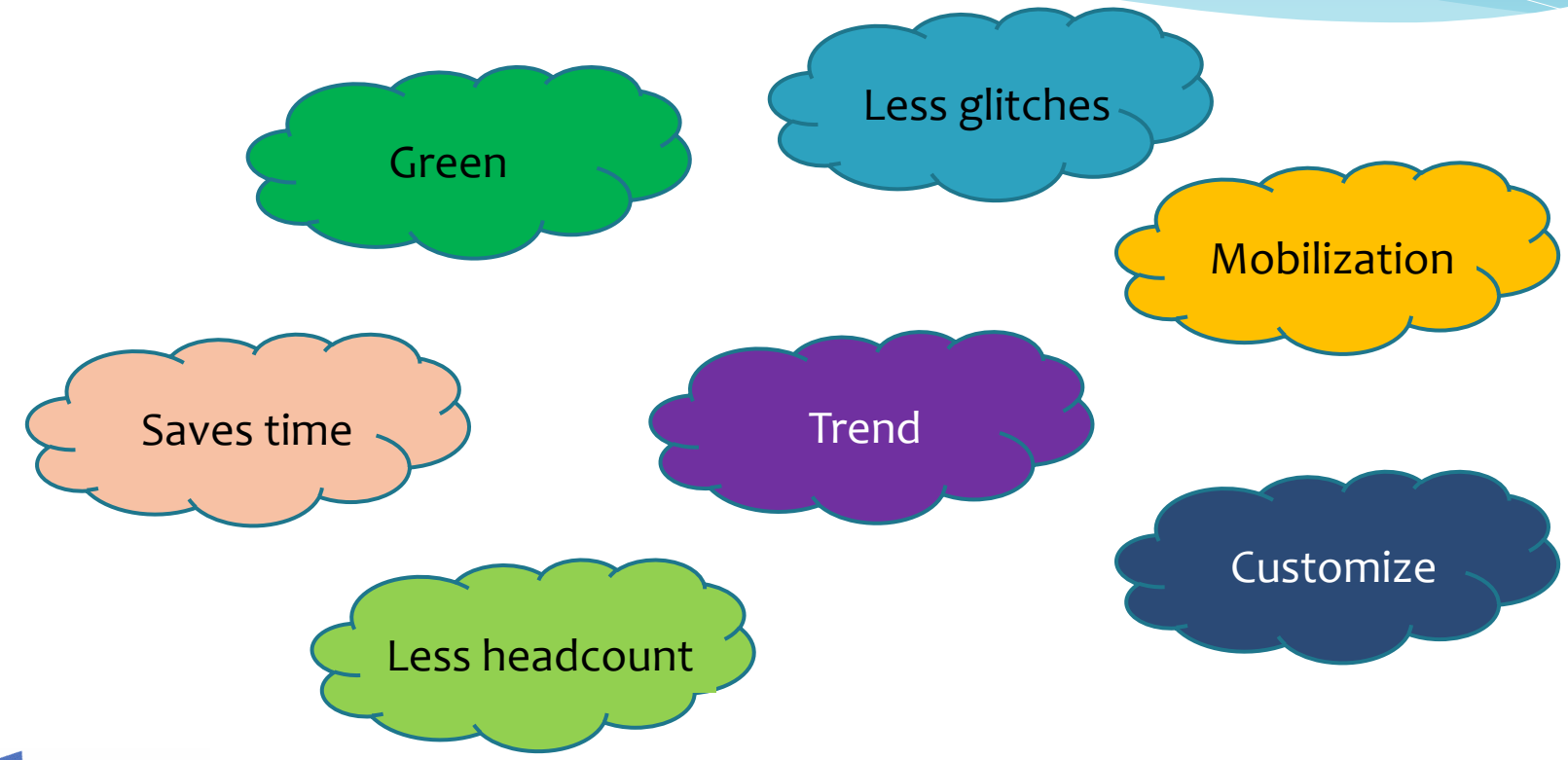
IT DEPARTMENT

PROVIDER OR BROKER?



ORGANIZATION

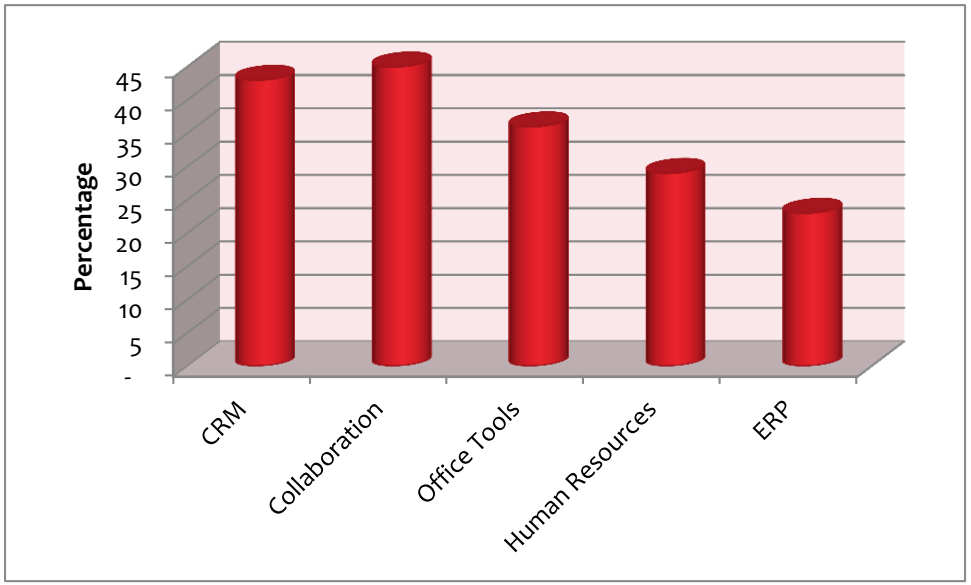
CLOUD COMPUTING : SAVIOUR?



HOW CLOUD COMPUTING MAKES THE DIFFERENCES

Cloud Computing once adopted by organization:

1. Faster delivery of applications
2. Cost saving with faster ROI
3. Less manpower required to manage
4. Non core applications is readily available
5. Users can becoming more mobile
6. Green practice



Consider this statement

"The goal of cloud computing is to enable IT organizations to achieve a dramatic improvement in the cost effective, elastic provisioning of IT services that are good enough"

- What is your IT services that considered as good enough
- Is there any SLAs agreed by provider and your organization
- Is your internal network is ready to embrace Cloud Computing

In order for an IT department to be ready to take full advantage of what cloud computing it needs to have the following (at least internally):

- Understanding the Costs to Deliver Services
- Defined Application & Platform Standards
- Progressive IT Leadership
- Effective Internal IT Communications
- Comprehensive Risk Management Practices

THANK YOU