

Stepping into the Cloud



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<http://www.hopblip.com/uploads/cloudbridge.jpg>

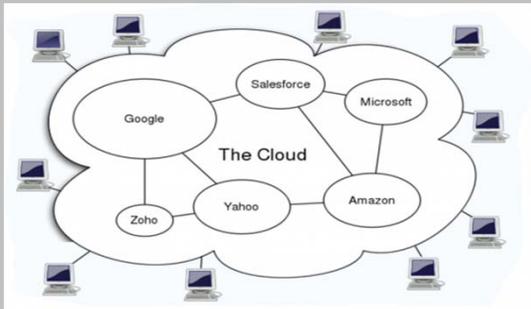
Agenda



- .What is Cloud
- .Value
- .Obstacles
- .Lessons
- .Risks

<http://blog.bostjones.com/wp-content/uploads/2009/08/Cloud-computing013-300x300.jpg>

What Is the Cloud? the Internet + Servers



From Wikipedia article on Cloud Computing

Kinds of Cloud Services

Computing

- Infrastructure as a Service
- Platform as a Service
- Software as a Service

Storage

- On-line
- Backup
- DR

"IT stuff running in someone else's data center"

Cloud Computing in Higher Ed

- Microsoft Office 365
- Google Apps
- Canvas LMS
- SBCTC Enterprise Resource Planning
- Adobe Creative Cloud
- Self-Services

Values of Cloud Computing

- Lower cost of entry
- Shorter deployment timeline
- Easier to scale
- Increased collaboration
- TCO?

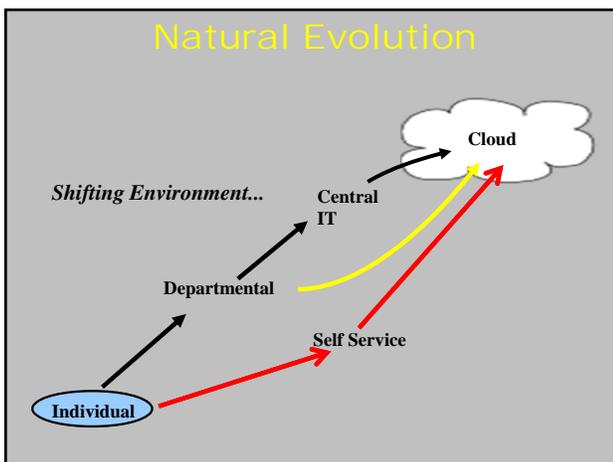
Obstacles to Moving to Cloud

- Investment in current infrastructure
- Regulations
- Reliability of Cloud Services
- Fear of vendor lock-in
- Shift from Capital to increased operating budget
- Fear of loss of physical control
- Contract Terms

Lessons Learned

- Free services?
 - Moving targets, startup problems
 - Integration limited
- Collaboration Barriers
 - Multiple account madness
 - Interoperability
- Help desk load
- Self-Service
 - Faculty: privacy, security, data ownership/mining
 - Obligating institution

Natural Evolution



Risks to Cloud Contracts



Compliance
Privacy
Security
Preservation
Self-service
Unilateral contracts
signature authority

Cloud use is soaring



Questions?
