

# Stepping into the Cloud

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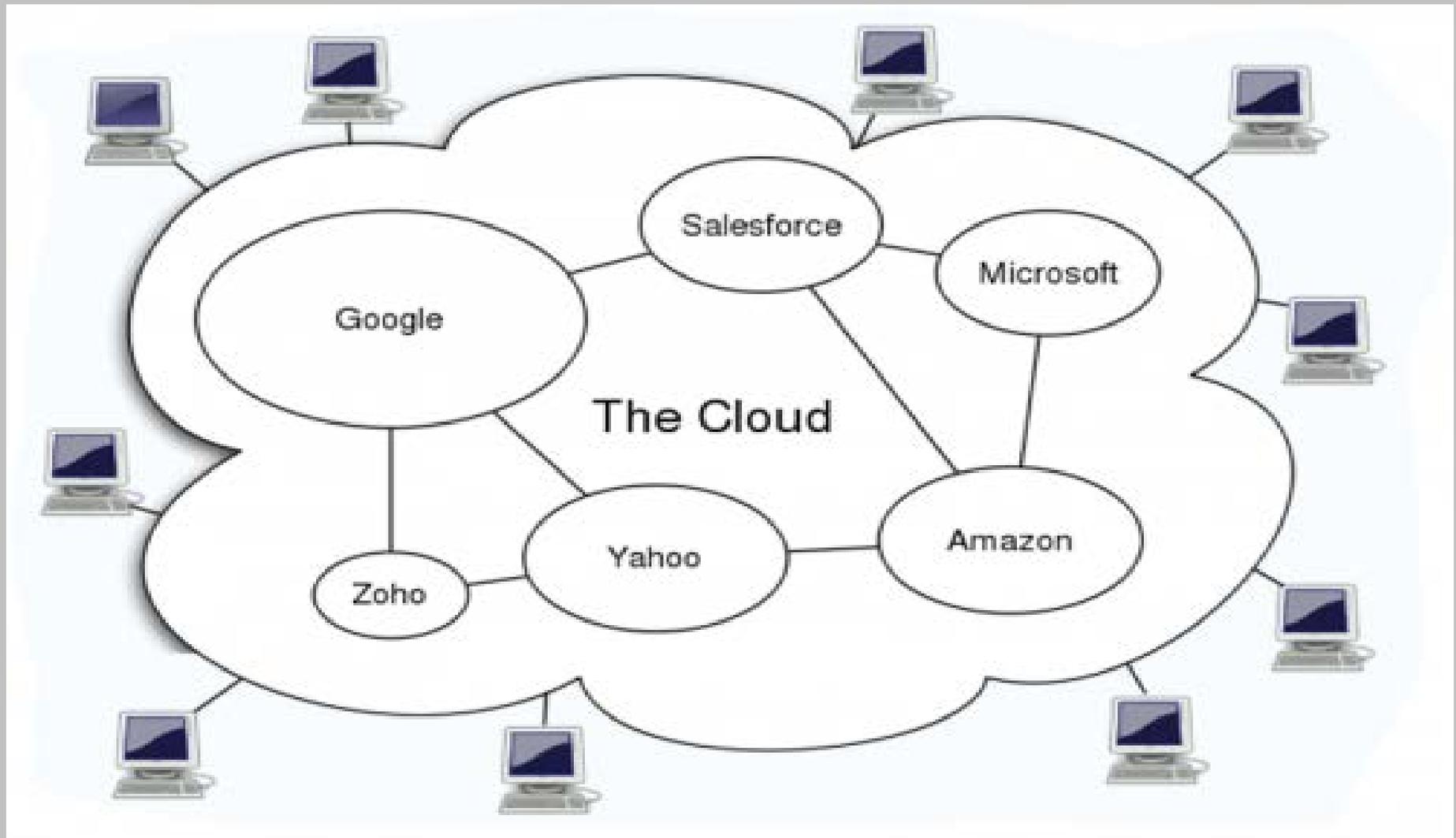


# Agenda

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

# 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?

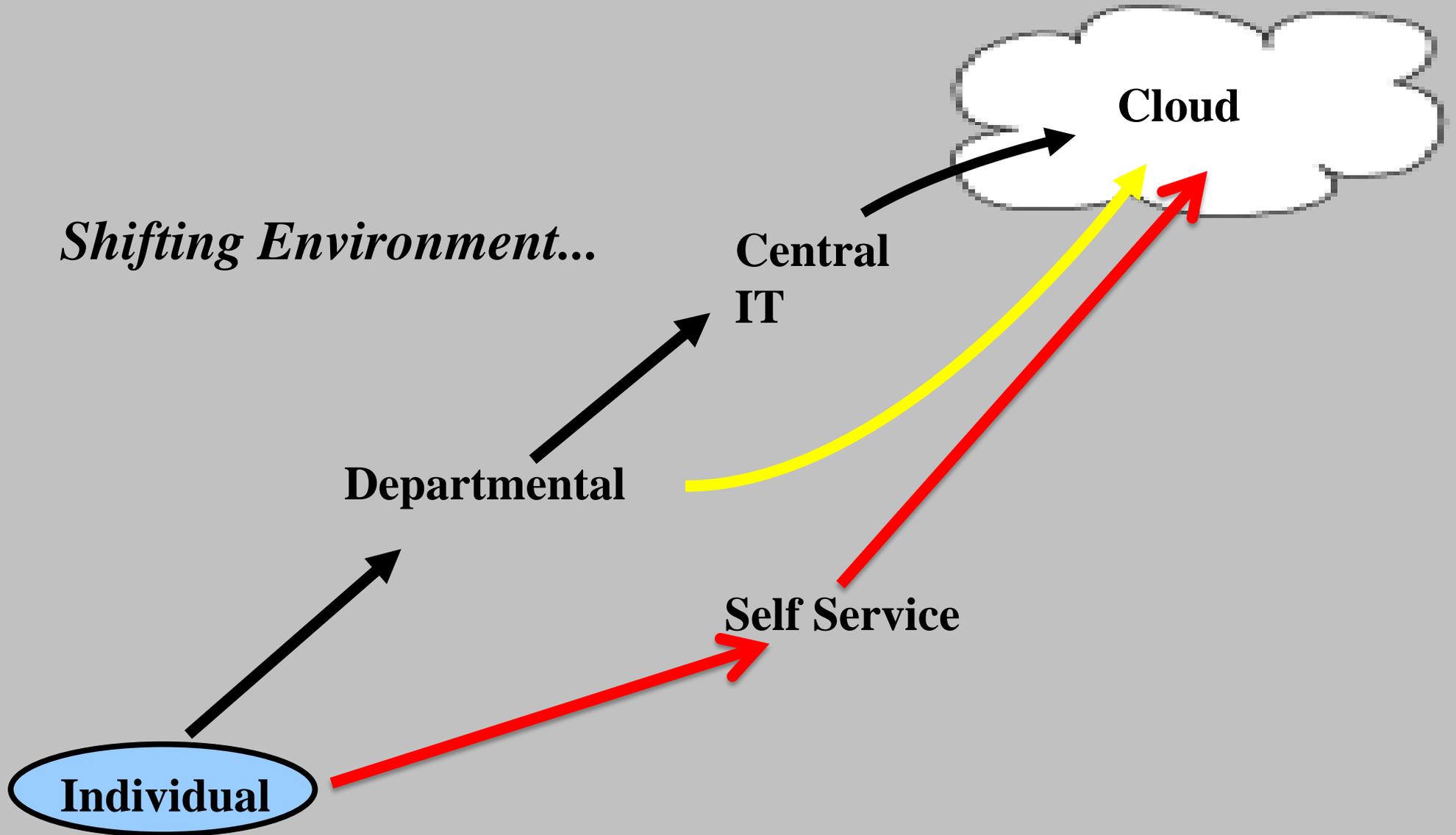
# Obstacles to Moving to Cloud

- 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

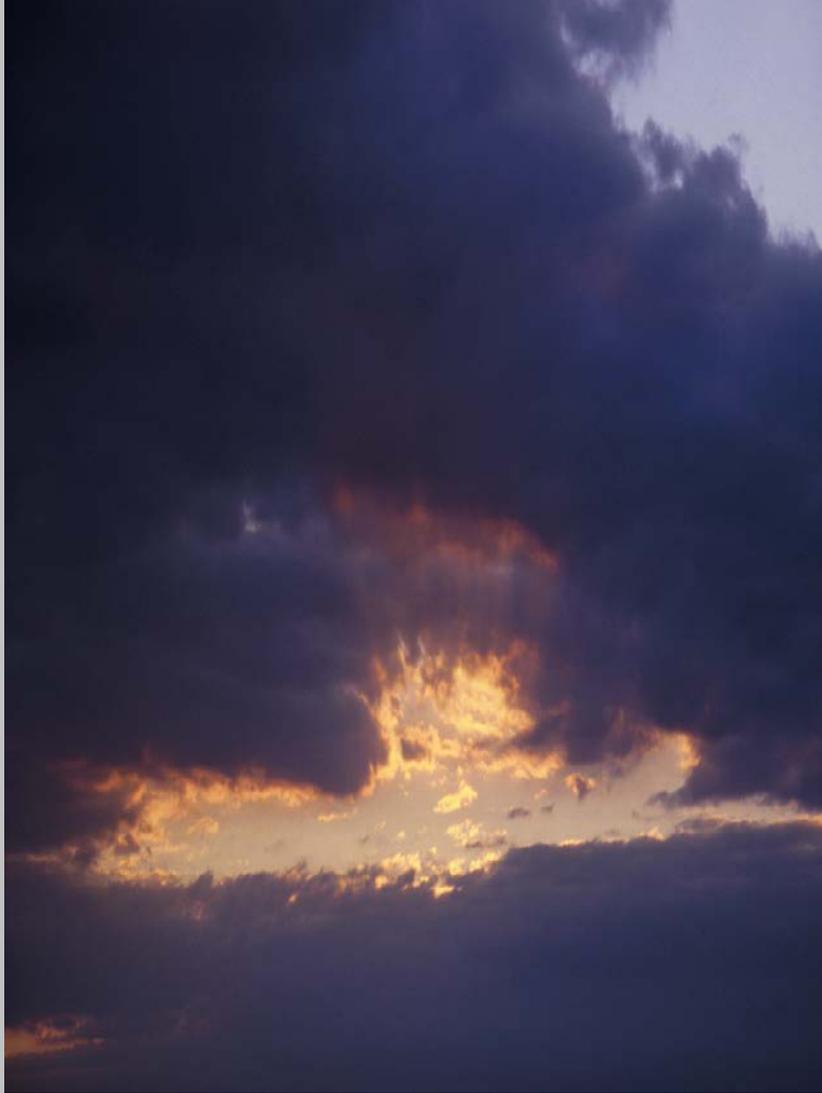
# Lessons Learned

- 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?