

# Gov 2.0: Forecast is Cloudy



“I wandered lonely as a cloud, That floats on high o'er vales and hills, When all at once I saw a crowd, A host,  
of golden daffodils; Beside the lake, beneath the trees, Fluttering and dancing in the breeze” .....

William Wordsworth

# What we need to know

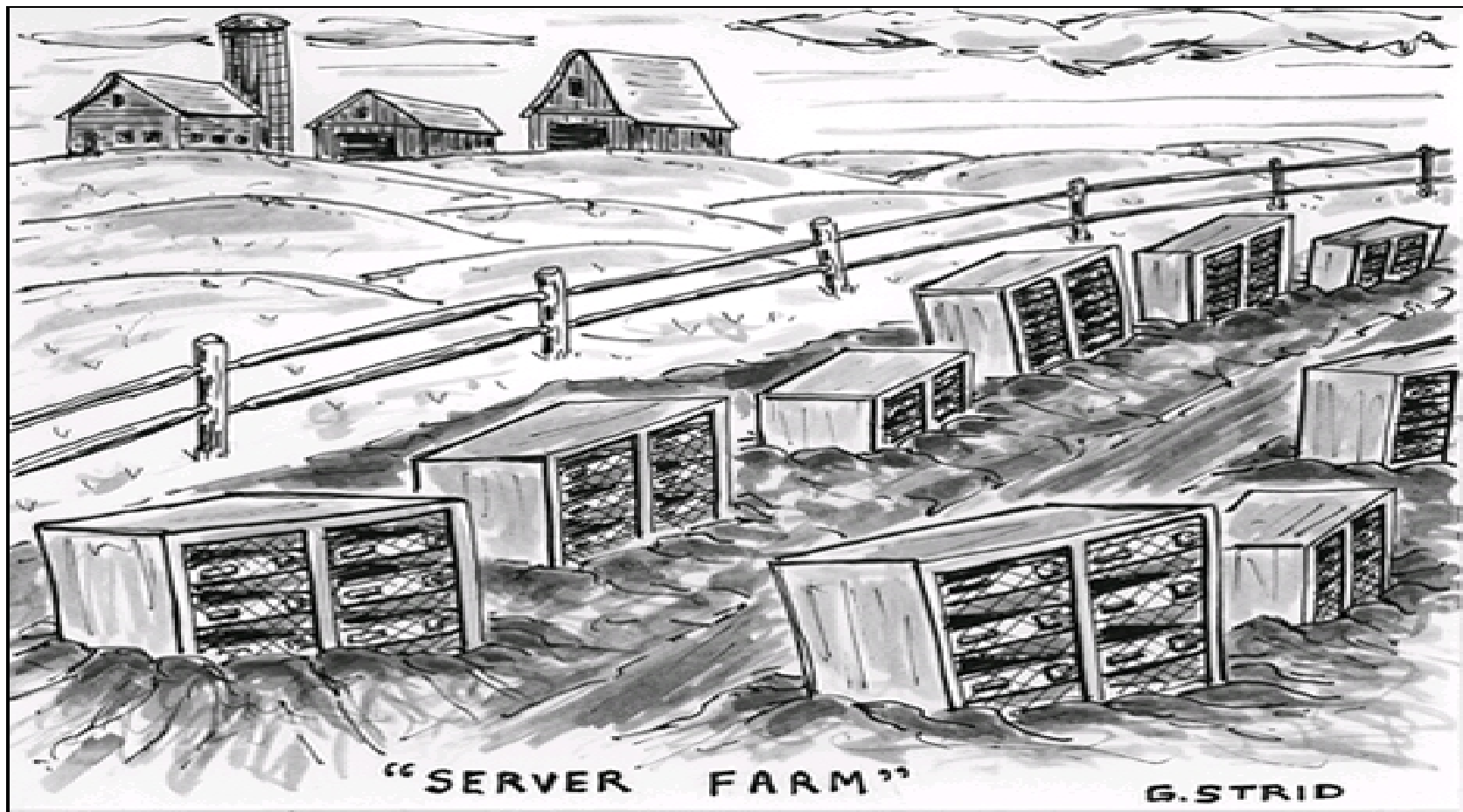
**What is cloud computing?**

**What is the Federal Cloud Computing Initiative?**

**What are the features and benefits of cloud computing?**

**What are the advantages of cloud computing for the Federal Government?**

# NOT A SERVER FARM



# Cloud Deployment Models

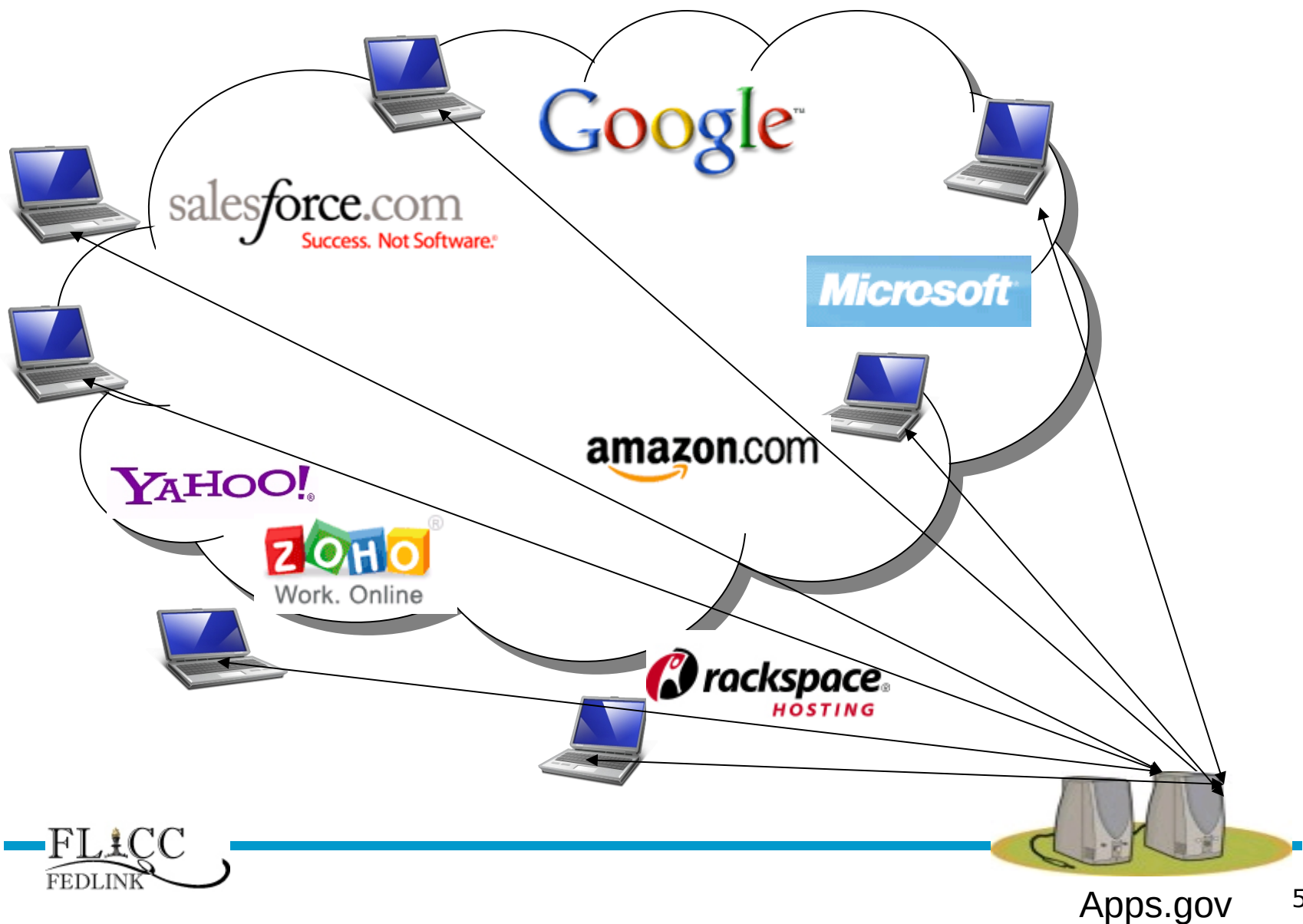
**Private cloud - enterprise owned or leased**

**Community cloud - shared infrastructure for specific community**

**Public cloud - Sold to the public, mega-scale infrastructure**

**Hybrid cloud - combination of two or more clouds**

# Commercial Clouds



# Web 2.0 options for clouds

**Blogs**

**Clouds**

**RSS feeds**

**Mashups**

**Social Media**

**Social Networks**

**Virtual Worlds**

**Widgets**

**Wikis**





## Common examples of grey literature from government agencies

- Census data
- Patent information
- Population Estimates
- Legislative documents
- Environmental information



# Cloud Services

- Will cloud services change access policies or have no effect upon information access?
- Enhance/worsen the ability to search data bases, mine data or metadata?
- Simpler/more complex access to federal social media/network applications?

# Cloudy or Clear and Sunny

- Will U.S. federal information become greyer, whiter or blacker?
- Will the proliferation of social media applications within and without firewalls close access for the citizenry?
- Will agencies use these applications more openly and allow better access for the searching user?

Cloud computing will not in itself:

- Make government information easier to access
- Turn black to grey or white
  - Open closed sites or information systems
- Turn white or grey to black
  - Close open sites or information systems

## **MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES - BARACK OBAMA March 9, 2009**

**Government should be transparent.**

**Government should be participatory.**

**Government should be collaborative.**