

National Aeronautics and Space Administration

On a Cloudy Day How it Will Astound You!

Transforming Government Technology with Cloud Computing

FOSE 2009

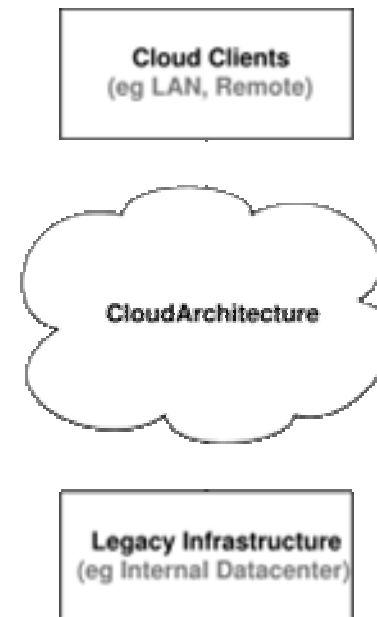
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Discussion Topics

- My perspectives
- What is Cloud Computing?
- Discontinuity or point of inflection?
- Should CIOs run and hide now?
- A few examples



My Perspective

- Mission of Goddard Space Flight Center
- IT challenges
- Getting beyond the hype



What is Cloud Computing?

- Definition is unclear
- Sourcing option
- Virtualization
- Software as a Service
- Infrastructure as a Service
- Web 2.0 services



Discontinuity or Point of Inflection?

- Back to the Future
- Virtualization
- Commoditization
- Consumerism



Should CIOs Run?



- Challenges and risks
- Opportunities
- Implications to enterprise strategies

A Few Examples



A screenshot of a Facebook post. At the top is the Facebook logo and navigation links: Home, Profile, Friends, Inbox. The user's name is "Little Sdo Hmi" and the location is "Linda Cureton". The post text reads: "How many groups does it take to award the MSL launch slot to SDO? NASA, ULA, Air Force, and NRO are all meeting to 'discuss'... via Twitter - 16 hours ago". Below the text are tabs for "Wall", "Info", "Photos", and "Boxes". There are also icons for "Write", "Share Link", "Post Photo", "Causes", and "Record Video". A text input field contains "Write something..." and a "Post" button is to its right. At the bottom, there are filters for "All Posts", "Posts by Little", "Posts by Others", and "Wall-to-Wall". On the left side of the post, there are links for "View Photos of Little (42)" and "View Videos of Little (6)".



A screenshot of a YouTube channel page for "NASAtlevision". It features the NASA logo on the left and a list of statistics on the right: "Style: Video", "Joined: June 03, 2008", "Last Sign In: 4 hours ago", "Videos Watched: 554", "Subscribers: 2,362", and "Channel Views: 132,169". At the bottom left of the channel page is a "GURU" badge.