# Shining a Light on Cloud Concerns

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#### What is Cloud Computing?

Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction. This cloud models availability and is composed of five essential characteristics, three service models, and four deployment models.

On-demand self-service. A consumer can unilaterally provision completing cap to dies, such as server time and network storage, as needed automatically without requiring human interaction with each error provider.

Broad network access. Capabilities are available over the network are accessed through standard mechanisms that promote use by heterogeneous thin or thick client platforn. (expressible plates, laptops, and PDAs).

Resource pooling. The provider's compraint associates are pooled to serve multiple consumers using a multi-tenant model, with different physical and virtual resources dynamically assigned and reassigned according to consumer demand. There is a sense of location independence in the consumer consumer and in the provided resources but may be able to specify that ion at a higher level of abstraction as g., county, state, or datacenter). Examples of resources include storage, pages of memory, network bandwights and critical machines.

Rapid elasticity. Capabilities can be rapidly and clastically povisit techn some cases automatically, to quickly scale out, and rapidly released to quickly scale in. To the consumer of the capability available for provisioning often appear to be unlimited and can be purchased in any quantity at any time.

Measured Service. Cloud systems automatically control and optimize resource use by leveraging a metering capability at some level of abstraction appropriate to the type of service (e.g., storage, processing, bandwidth, and active user accounts). Resource usage can be monitored, controlled, and reported, providing transparency for both the provider and consumer of the utilized service.

## Information Security

Regulatory Compliance

**Service Levels** 

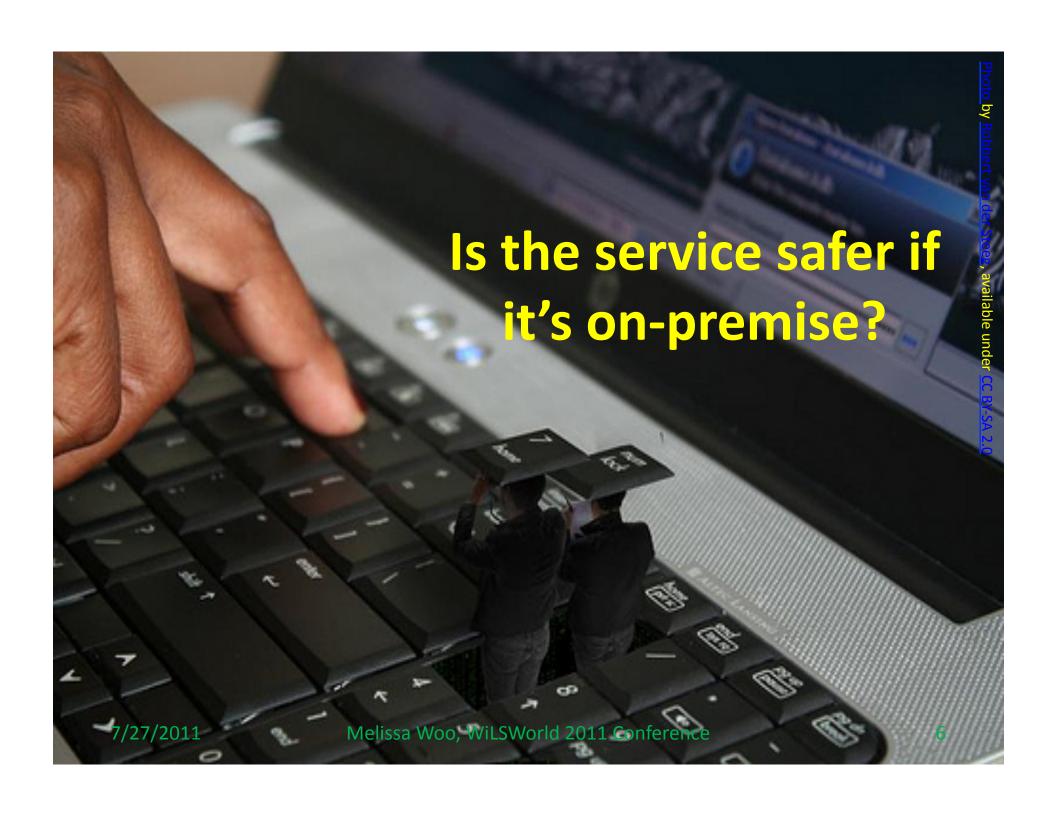
**Vendor Issues** 





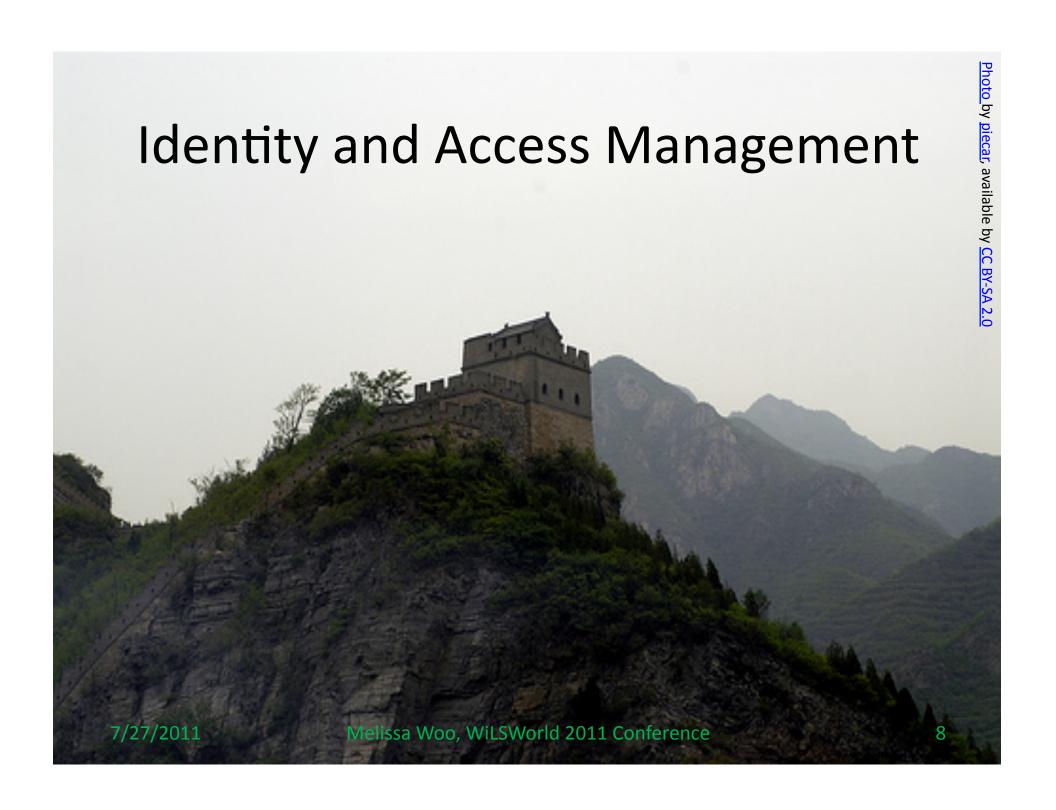


**Does** where your data are stored really matter?





#### "The Interwebz are dangerous"

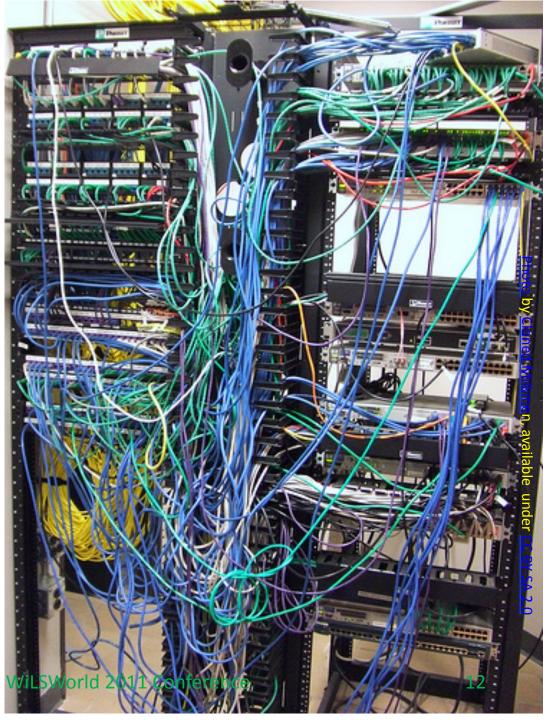


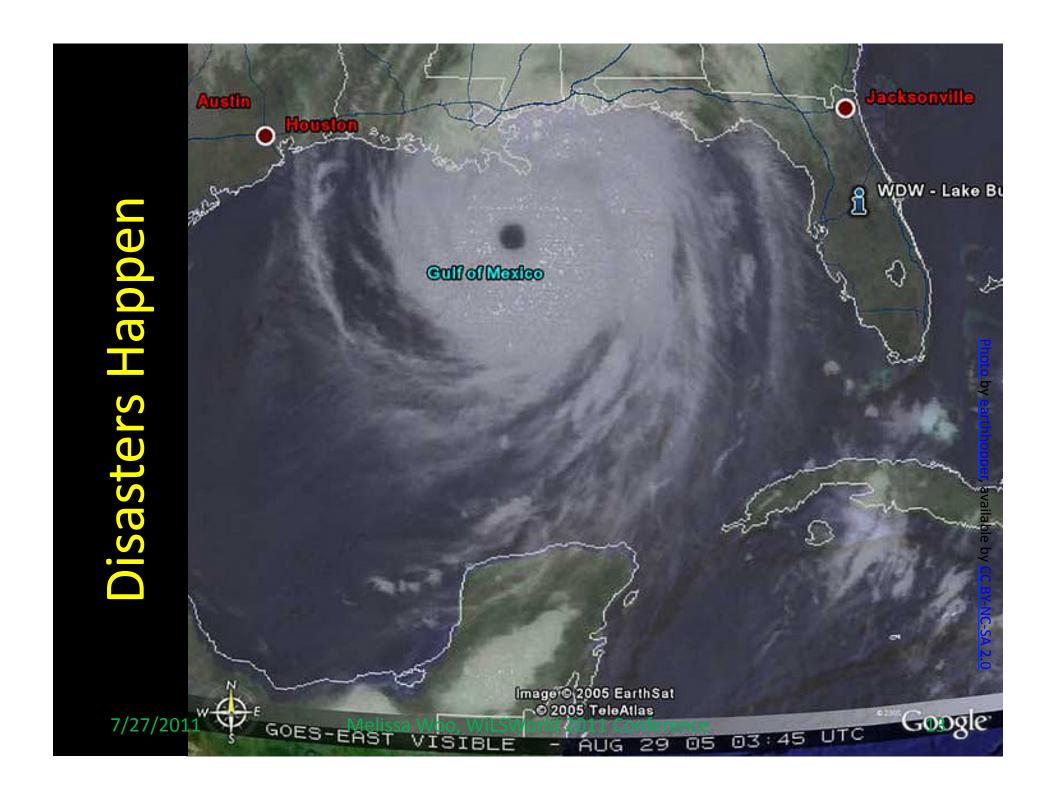




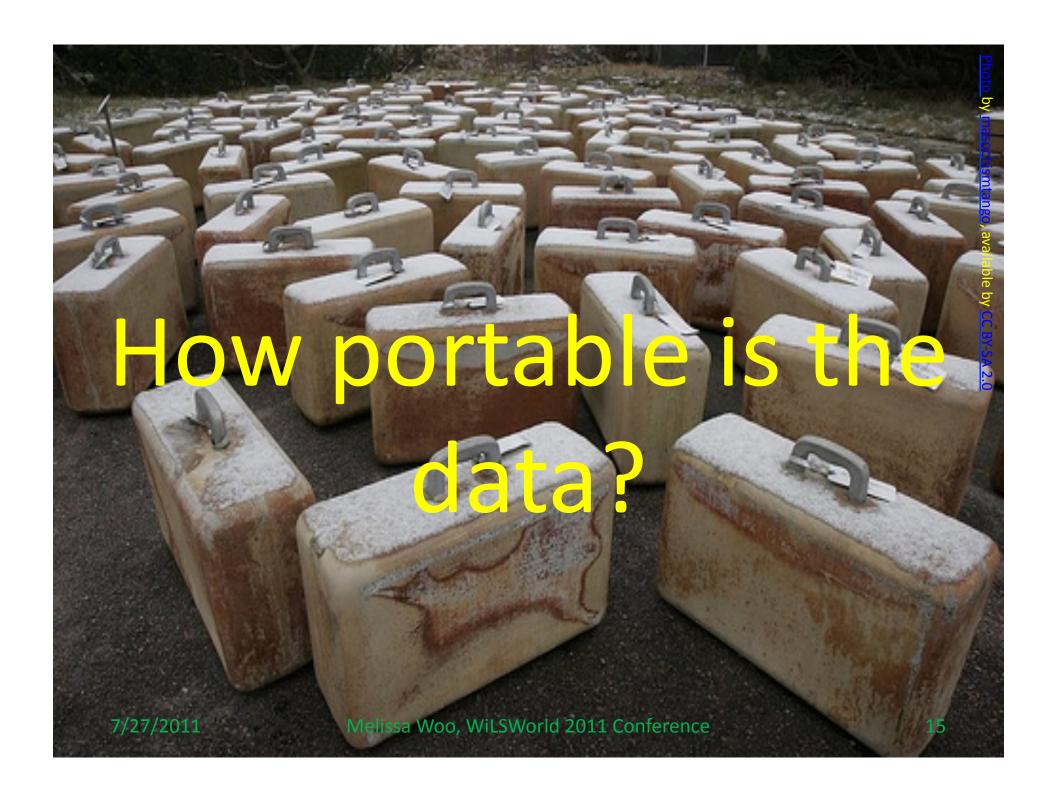


#### ... is this?















# "Operator, I need an exit"



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## Library Concerns













# Impact on Staff





### Thank you!

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