A Question of Privacy

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Privacy Concerns Growing

Legal Status of Voice
- Voice analog versus digital
- The collection of data

Where privacy lives today - tomorrow
- Commerce
- Health
- Government

Convergence and Global Pressures
- Voice - Video joins Data
- The Google in China example
The Challenge - Privacy in the Network and the Content

- Identity Management
- Identity Federation
- Social Networks
- Your Government Online FirstGov.gov

- Micro-Payments
- Global Companies live in a political world
- Sharing Information in govt and business
- Identity Management
- Identity Management

Worry about the millions of willing users
Where Privacy Data Lives

The Dinosaur is Going Extinct

Different gatekeepers
Different physical controls and different virtual controls
Virtualization
Where identity is managed
The risk is the aggregate of your partners

It Now Lives Here

Big Sucking Sound
How Deep is the Privacy Hole?

The Scary Answer:

We don’t know what we don’t know...

...and we just keep digging

Sources: CERT/CC, Symantec, NVD, OSVD
Is This Rocket Science?

- NO – not rocket science
- BUT – we need a better model
- AND – we need a sense of urgency

Key Principles to Guide Us...

- Security must be pervasive
- Situation awareness must be integrated
- Security defenses must be integrated
- Awareness and defenses must be designed to act within the threat window