Emerging Technologies: Clouds

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Agenda

• Introductions
• Cloud Nomenclature
• IRS – 1075
• Panel Presentations
  – Mark Price of CenturyLink Government Cloud
  – Chris Wilch of Microsoft
• Q & A’s
Introductions

• Mark Price
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• Chris Wilch
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• Steven Allen
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Cloud Nomenclature

• **Conventional Computing**
  – In your own data center
  – Make your own pizza

• **Private Cloud Services**
  – Work done by a vendor, but you host
  – “Take and Bake” pizza

• **Managed Cloud**
  – All work done by the vendor
  – Fixed options
  – Delivered pizza
Cloud Nomenclature (cont.)

- Public Cloud
  - Vendor provides services shared with other customers
  - Restaurant pizza

- Hybrid Cloud
  - Mix-and-match options allow you to make requirements for vendor
  - Choose your own topping pizza
  - For tax organizations, this is probably the cloud space required
IRS 1075

• New Cloud SCSEM

• Highlights
  – IRS notification
  – All FTI labeled as such
  – Annual risk assessment
  – SLA
  – Data sanitization
  – Hosted in USA
  – Vendor employees must be vetted
IRS 1075 (cont.)

• Highlights (cont.)
  – Multi-factor authentication required
  – Agency must control authentication & authorization
  – Disable user accounts after 90 days inactivity
  – Colocation of data not allowed
  – Vendor must maintain audit logs
Questions and Answers

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