



ITCC

November 18, 2015

ITD Room 438



Agenda



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|------|------------------------------|-------------|
| 1:00 | Update on EA Activity | Jeff Quast |
| 1:20 | Update on ITD Activity | Gary Vetter |
| 1:40 | NASCIO 2015 State CIO Survey | Dan Sipes |
| 2:00 | LPO Directional Statement | Justin Data |
| 2:20 | Security Positon Update | Dan Sipes |
| 2:30 | Encryption of Data at Rest | Jeff Quast |
| 2:40 | DLP on Outbound Email | Jeff Quast |
| 2:50 | Future Agenda Items | |



EA Activity Update



Security Architecture

[Met November 2, 2015](#)

- Password Manager on Dec. 1, DLP on email as a standard, Encryption of data at rest, self-service account unlock solutions being tested

Data Architecture

[Met November 5, 2015](#)

- Presentation of open data portals, DKAN (Drupal), Encryption of data at rest, data sensitivity classification

Application Architecture

[Met November 10, 2015](#)

- Mobile apps and development tools, demo of new Legislative Council mobile app, web development best practices

Technology Architecture

[Met November 12, 2015](#)

- AirWatch pilot postponed, WebRTC support in browsers, access to FileNet without Java, Screen Connect demo/test, combined standard



ITD Activity Update



- Brown-Bag Lunches - pre ITCC
- Password Management Service
- Remote Control tool status
- AD Challenge Questions - December 1st
- Application Inventory



- NASCIO 2015 State CIO Survey



NASCIO 2015 CIO Survey



Top Ten Priority Strategies for State CIO's for 2016

- Security and Risk Management
- Managed Services (Cloud Services)
- Consolidation/Optimization
- Business Intelligence and Data Analytics
- Legacy Modernization
- Enterprise Vision and Roadmap for IT
- Budget and Cost Control
- Human Resources Talent Management
- Agile and Incremental Software Delivery
- Disaster Recovery/Business Continuity



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Top Ten Priority Technologies for State CIO's for 2016

- Security Enhancement Tools
- Managed Services Solutions (Cloud Solutions)
- Legacy Application Modernization/Renovation
- Data Management
- Business Intelligence and Business Analytics
- Identity and Access Management
- Mobile Workforce
- Virtualization
- Networking
- Document/Content/Records/E-Mail Management



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Current Issues and Trends

- CIO as a Broker of Managed Solutions (Cloud Services)
 - The dominant future business model for the state CIO organization will be a shared services organization leveraging managed services and application outsourcing - maps to ITD Hybrid Cloud Strategy.
 - CIO organizations are migrating to a broker of managed services in addition to their role as a direct provider of services.
 - Most states expect to add management fees to their rate structure to recoup the administrative cost of overseeing and integrating managed service providers.
- Cybersecurity Barriers
 - Increasing sophistication of threats and emerging technologies
 - Lack of adequate funding and availability of security professionals



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Current Issues and Trends

- Agile and Incremental Software Delivery
- Procurement
- Managing Data as a Strategic Asset
- Mobility
- Public Sector Broadband
- Disaster Recovery and Business Continuity
- Internet of Things
- Unmanned Aerial Systems (UAS)



- LPO [Directional Statement](#)



Security Position Update



- Encryption of Data at Rest
 - Topic raised at EA Security Architecture while reviewing the Encryption standard
 - Current standard requires any data that is “deemed sensitive” by an agency be encrypted on mobile devices and in transit
 - Currently, approximately 75% of ITD San disk is encrypted, should be 100% by Q3 2016
 - Must establish Data Classification (data sensitivity classification) to enable encryption of data at rest effectively
 - Should this be added to the standard?



- DLP on Outbound Email
 - Scanning of outbound mail for PII, PHI, other sensitive data
 - Email could be blocked (by IronPort) or encrypted
 - We have the capability to do it, but not the licensing
 - Would that functionality at additional cost be of interest?
 - Should it become an EA standard?



Future Agenda Items?