Enabling Cloud Security and Compliance Through Automation

Luncheon Keynote

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Session Abstract

- Information systems delivery is going to cloud models (public, private, hybrid, currently prevalent business cases)
- Cloud introduces compliance management challenges (highly dynamic infrastructure populations, curation of virtual machine images, geographically specific compliance issues in a highly-portable cloud world, the disappearance of change control, public cloud shared-responsibility models, dealing with multiple technology environments, new standards / laws / regulations)
- Cloud models also introduce massive opportunities to streamline compliance efforts through automation, continuous monitoring, building control capabilities directly into cloud infrastructure, controls are "simply there"
- CloudPassage's approach to compliance (how we did it, with Halo and other tools like git, cassandra for deployment automation and granular system change control)
- Outcomes (speed to compliance, continuous monitoring, etc.)

Target Audience

Companies considering use of Cloud solutions to support compliance efforts, and opportunities to automate compliance efforts to improve trust or a more cost efficient manner.

COBIT Objectives or Processes

Speaker Bio

Larry Dibowitz has over 20 years of accounting and information technology experience both domestically and internationally. He specializes in Information Technology (IT) risk management, information security assessments, IT auditing, corporate and IT governance, information systems controls advisory and ERP system risk and controls. He has extensive experience partnering with companies to help identify and implement solutions to solve business issues. Over the last ten years, Larry's focus has been working with small and large global online companies in both an audit and advisory capacity and assisting them in understanding, assessing and mitigating the risks in their business and IT organizations. His experience includes addressing the unique IT challenges associated with accounting for and recognizing revenue in the internet advertising, virtual goods, online services and online retail environments. In addition, Larry leads Service Organization Controls (SOC) Reporting SOC 1, 2 and 3 engagements, FIMSA, ISO 27001 Security certifications and NIST 800-53 assessments for global service providers.

Larry has a Bachelor of Commerce degree in Accounting and Management Information Systems, and a Post Graduate Degree in Accounting from the University of Cape Town. He is a Chartered Accountant and is a member of the South African Institute of Chartered Accountants, the Institute of Internal Auditors (IIA) and the Information Systems Audit and Control Association (ISACA) where he is Certified in Risk and Information Systems Control (CRISC). Additionally, Larry is an ISO/IEC27001:2005 ISMS Lead Auditor.

Carson Sweet, co-founder and CEO of CloudPassage, is a seasoned entrepreneur and an expert on enterprise security technologies. Sweet and the CloudPassage team solve security and compliance challenges for large enterprises evolving to cloud infrastructure and software-defined datacenter models.

As RSA's principal solutions architect for the financial services sector, Sweet focused on virtualization & cloud security, Internet controls, data protection and anti-fraud. He served as the founding CSO for GlobalNetXchange (Agentrics) and CTO for the Investor Responsibility Research Center (RiskMetrics). Sweet's infosec career began in the government sector after serving in the U.S. military as a heavy anti-armor weapons specialist.