Road to Governance and Compliance in the Cloud	
In-Depth Seminars – D1	

Session I	**"Ensuring Cloud Computing Success"** ***Steve Romero, CISSP, PMP, CPM*** *IT Governance Evangelist* *Romero Consulting and BOT International*	
Session II	**"Netflix's Journey to the Cloud: Advice and Lessons Learned from Netflix's Migration to the Public Cloud"** ***Jason Chan*** *Cloud Security Architect, Netflix*	
Session III	**"Auditing the Cloud: How 15 Minutes Can Save You From 15 Security Mistakes or More"** ***Davi Ottenheimer*** *President, flyingpenguin*	

Session Abstract

The in-depth cloud computing seminar will comprise the following sessions:

Ensuring Cloud Computing Success

Many enterprises are deploying cloud solutions to manage the growth in demand for IT services and to provide their organizations with new levels of agility, flexibility and innovation. The onset of cloud computing is more than just a shift in technology. Developing the correct cloud strategy and delivery model is critical to achieving the most business value and potential benefit. Realizing the power and promise of cloud computing requires fundamental cultural change throughout the entire enterprise, not just in IT. By leading and managing this transformation, IT can drive cloud adoption while taking on a new, more strategic role within the enterprise—partnering with business leaders to develop new business capabilities and proceeds.

Netflix's Journey to the Cloud: Lessons Learned from Netflix's Migration to the Public Cloud

Netflix operates its streaming video service, with over 25 million members around the world, almost entirely out of the public cloud. This presentation will cover how Netflix approached its cloud migration, including a review of the organizational, technical, and security decisions that were made to optimize the business and take full advantage of the benefits that come with operating in the cloud. Securing a public cloud environment with thousands of servers and hundreds of developers and applications requires security that both scales and integrates, and we'll examine the lessons Netflix has learned about real-world security in the public cloud.

Auditing the Cloud: How 15 Minutes Can Save You From 15 Security Mistakes or More

This presentation takes the audience through common security and control mistakes that continue to be found in cloud environments. It will show how a compliance auditor or assessor can quickly help detect and document risk. Practical steps for standards (COBIT5, ISO 27001, SSAE16 SOC 2) and regulations (HIPAA, FISMA, PCI DSS) are discussed in terms of data protection solutions and products that already should be present in cloud environments as well as control improvements that reasonably can be expected in the near future.

Target Audience

- IT Executives and Directors
- IT Auditors
- Information Security Professionals
- Information Privacy Professionals
- Compliance Auditors
- IT Security Officers
- IT Managers
- Management Systems Managers
- Chief Security Officers
- Management Consultants

COBIT Objectives

N/A

Speaker Bios

Steve Romero

Steve Romero is a published and globally recognized IT governance evangelist and IT business value strategist. His mission is to help enterprises realize the full potential of their IT investments for strategic and competitive advantage. He speaks around the world to companies in every business sector, federal and state government agencies, industry organizations, students, and information technology and business luminaries to identify and communicate leading advances in business governance and business management of IT.

Romero is an active member of the Project Management Institute (PMI) and Information Systems Security Association (ISSA). He is a San Francisco Chapter committee member of the Information Systems Audit and Control Association (ISACA), and a Past-President of the Information Technology Service Management Forum (itSMF) San Francisco Local Interest Group. He is a Board Member for the Center for Electronic Business at San Francisco State University, and is a regular guest lecturer in their Master's Program. He is the author of the CA Press book, "Eliminating 'Us and Them' – Making IT and the Business One."

Jason Chan

Jason Chan, an ISACA member since 2007, works in Netflix's Cloud and Platform Engineering team as the Cloud Security Architect. In his current role, Jason works with Netflix engineering, IT, legal, and business teams to ensure the secure design, implementation, and operation of the company's cloud deployment and overall application environment.
Prior to joining Netflix, Jason led the information security team at VMware, and he spent most of his earlier career as a security consultant for firms such as @stake and iSEC Partners. He has presented at SANS, OWASP, United, and other conferences, briefed the NSA on cloud security, contributed to a book, and served as a technical editor for a number of other publications.

Davi Ottenheimer

Davi Ottenheimer, President of flyingpenguin and ISACA member since 1997, is a consultant to VMware with more than seventeen years' experience managing global security operations and assessments, including a decade of leading incident response and digital forensics. He is co-author of the book "Securing the Virtual Environment: How to Defend the Enterprise Against Attack," published in May 2012 by Wiley. An expert in compliance, he is a qualified PCI DSS and PA-DSS assessor with K3DES, and former Board Member for the Payment Card Industry Security Alliance and the Silicon Valley chapters of ISACA and OWASP. He formerly was responsible for security at Barclays Global Investors (BGI), the world's largest investment fund manager (now BlackRock). Prior to BGI he was a "dedicated paranoid" at Yahoo! and responsible for managing security for hundreds of millions of mobile, broadband and digital home products.