

CLOUD SECURITY ALLIANCE CONGRESS 2012

November 7-8, 2012 | Optional Workshops November 6 & 9 | Hilton Orlando Lake Buena Vista | Orlando, FL

AMONG THE TOPICS TO BE PRESENTED:

- Seasonal Burst Handling Using Hybrid Cloud Infrastructure
- Top 10 Global Privacy Trends
- How Attackers are Targeting Cloud Services
- What Happens When Personal Mobile Devices Collide with the Cloud
- Business Continuity and Disaster Recovery
- Anatomy of a Public Cloud Attack
- Preparing for Security Authorizations in a FedRAMP World



Keynote Speakers



Jason Witty
Chief Information Security Officer, US Bank



Christofer Hoff
CISSP, CISA, CISM, NSA IAM, Cloud Audit and Founding Member, Cloud Security Alliance

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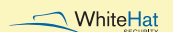
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CLOUD SECURITY ALLIANCE CONGRESS 2012

The Cloud Security Alliance Congress continues to be the industry's premier gathering for IT security professionals and executives who must further educate themselves on the rapidly evolving subject of cloud security.

In addition to offering best practices and practical solutions for remaining secure in the cloud, this year's third annual conference will focus on emerging areas of growth and concern in cloud security, including standardization, transparency of controls, mobile computing, Big Data in the cloud and innovation. Attendees will gain exposure to industry-specific case studies that will help them learn and leverage best practices used by their peers in moving to a secure cloud.

Keynote Speakers

Wednesday, November 7

4:15 PM – 5:15 PM

Next-Generation Information Security

Jason Witty, Chief Information Security Officer, US Bank



While the world has adopted online and mobile channels for commerce, cyber-security threats have been increasing in both sophistication and frequency. Highly publicized attacks have elevated the importance of cyber security in companies, governments and with Internet users in general. Jason Witty will discuss how we have a collective responsibility to protect

our nation's information, infrastructure and users from these threats, and share his insights on what it takes to do so.

Thursday, November 8

4:00 PM – 5:00 PM

Stuff My Cloud Evangelist Says: Just Not to the CSO

Christofer Hoff, CISSP, CISA, CISM, NSA IAM, Founder, Cloud Audit and Founding Member, Cloud Security Alliance



Beyond the best practices we've crafted and adopted over the last few decades of computing, Cloud Computing provides both many benefits and challenges. Security can benefit immensely from the new operational realities of movements such as DevOps, the evolution of platforms and the notion of IT (and security) as a service. The

advancements we've made in a relatively short amount of time technologically are impressive and empowering. However, our behavior, culture, organizational structure and operational models in security are holding us back. Cloud evangelists often run headlong into the unfathomable realities of what CISOs deal with and are left feeling unable to do anything about. In this engaging keynote, Christopher Hoff will explore how to balance the benefits of cloud against the realities of security and compliance to move both efforts forward.

Thursday, November 8

8:00 AM – 8:45 AM

Wake-Up Session

Presented by  **QUALYS**
On Demand Security

Vulnerability Management in the Cloud

Andrew Wild, CSO, Qualys

Vulnerability management is a key component of a strong information security program. While vulnerability management is well understood, virtualization and cloud computing bring about sweeping changes to many areas, including vulnerability management. This session discusses the changes and challenges of vulnerability management in virtual and cloud environments, including keeping accurate configuration data in dynamic and static environments, networking inside virtual and cloud environments, using IP addresses in vulnerability assessments, keeping templates/images secure and updated, and virtual introspection.

PLENARY SESSIONS

Wednesday, November 7

9:35 AM - 10:05 AM

CSA STAR: Lessons Learned by an Early Adopter

Tim Rains, Director, Trustworthy Computing Group, Microsoft

Since going "all in" with cloud computing, Microsoft has worked to provide its customers with a level of transparency into the security and privacy of its cloud services. To achieve this requires the development and adoption of new standards and guidelines that can be used for measuring cloud providers' efforts. As an early adopter of the CSA STAR, Microsoft has a unique insight into what has worked, and areas that need to evolve to be truly successful in the market.

10:10 AM – 10:40 AM

Advanced Persistent Response

Tom Kellermann, Vice President, Cybersecurity, Trend Micro; former member of the Commission on Cybersecurity for the 44th President

This presentation will discuss the evolution of the underground economy in cyberspace, specifically illustrating the tactics that are being utilized to colonize our digital ecosystems and the correspondent risk management strategies that should be adopted in order to manage the scourge of advanced persistent threats.



The Cloud Security Alliance

was formed to promote the use of best practices for providing security assurance within Cloud Computing, and provide education on the uses of

Cloud Computing to help secure all other forms of computing. Now in its third year, the Cloud Security Alliance has over 10,000 members around the globe, and is leading many key research projects to secure the cloud.

Cloud Security Alliance Board of Directors

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AGENDA-AT-A-GLANCE

	Strategy & Architecture	Design & Implementation	Management & Operations	Legal & Compliance	Federal & International	Mobile
Wednesday, November 7						
7:30 AM - 8:30 AM	<i>Registration and Continental Breakfast</i>					
8:30 AM - 9:30 AM	Late-Breaking Keynote Presentation					
9:35 AM - 10:05 AM	Plenary Address: CSA STAR: Lessons Learned by an Early Adopter <i>Tim Rains, Director, Trustworthy Computing Group, Microsoft</i>					
10:10 AM - 10:40 AM	Plenary Address: Advanced Persistent Response , <i>Tom Kellermann, Vice President, Cybersecurity, Trend Micro</i>					
10:40 AM - 11:00 AM	<i>Refreshment Break</i>					
11:00 AM - 12:00 PM	1 Data Security in Cloud and Big Data Systems <i>PANEL DISCUSSION</i>	2 Data Protection in the Cloud: Encrypting and Monitoring Everything You Can	3 This Old Cloud: Pragmatic Security for Cloud Construction and Remodels	4 Late-Breaking Technology Session	5 NIST on Cloud Computing	6 Top Ten Global Privacy Trends
12:00 PM - 1:30 PM	<i>Lunch on Your Own</i>					
1:30 PM - 2:30 PM	7 Increasing Security and Productivity in Cloud Applications <i>CASE STUDY</i>	8 Seasonal Burst Handling Using Hybrid Cloud Infrastructure	9 Storm Clouds on the Horizon: How Attackers are Targeting Cloud Services	10 Appropriate Levels of Transparency & Assurance in Cloud Computing <i>PANEL DISCUSSION</i>	11 Building an Incident Response Plan for Federal Public Cloud Deployments	12 Enterprise Insecurity: Personal Mobile Devices Colliding with the Cloud
2:30 PM - 3:15 PM	<i>Refreshment Break in Expo</i>					
3:15 PM - 4:15 PM	13 Aligning Your Cloud Security with the Business: A 12-Step Framework	14 Late-Breaking Technology Session	15 Securing the Cloud: A Cloud Provider's Perspective	16 Late-Breaking CSA Session	17 EU Privacy Reform: What it Means for Cloud Providers and Users <i>PANEL DISCUSSION</i>	18 Top Mobile Threats in the Cloud <i>PANEL DISCUSSION</i>
4:15 PM - 5:15 PM	Keynote Address: Next-Generation Information Security <i>Jason Witty, Chief Information Security Officer, US Bank</i>					
5:15 PM - 6:15 PM	<i>Networking Reception in Expo</i>					
Thursday, November 8						
8:00 AM - 9:00 AM	<i>Continental Breakfast in Expo</i>					
8:00 AM - 8:45 AM	Wake-Up Session: Vulnerability Management in the Cloud <i>Andrew Wild, CSO, Qualys</i>					
9:00 AM - 10:00 AM	Late-Breaking Keynote Presentation					
10:00 AM - 10:30 AM	<i>Refreshment Break in Expo</i>					
10:30 AM - 11:15 AM	19 Business Continuity and Disaster Recovery	20 A Practical, Step-by-Step Approach to Implementing a Private Cloud	21 Late-Breaking CSA Session	22 Compliance Convergence for Cloud Providers	23 Preparing for Security Authorizations in a FedRAMP World	24 Information Assurance & Compliance Challenges in Handling Corporate Data on Mobile Devices
11:30 AM - 12:30 PM	25 What You Need to Know About Standards and Cloud Security	26 Selecting Technologies to Secure your Cloud: 7 Lessons Learned from an MSSP	27 Your Cloud Provider Has Been Attacked! <i>PANEL DISCUSSION</i>	28 Outsourcing Personal Data Processing to the Cloud	29 Late-Breaking Technology Session	30 Late-Breaking CSA Session
12:30 PM	<i>Networking Luncheon</i>					
1:15 PM - 1:45 PM	<i>Coffee and Dessert in Expo</i>					
1:45 PM - 2:45 PM	31 Establishing a Cloud Governance Model for Internal Business Consumption	32 Identity Management in the Cloud <i>PANEL DISCUSSION</i>	33 Late-Breaking Technology Session	34 Demystifying the USA PATRIOT Act	35 NIST on Cloud Computing	36 What You Need to Know About Identity Management for BYOD
2:45 PM - 3:15 PM	<i>Refreshment Break in Expo</i>					
3:15 PM - 4:00 PM	37 Late-Breaking CSA Session	38 Teaching the Cloud: Lessons from the Trenches of the CCSK	39 Anatomy of a Public Cloud Attack	40 Unveiling the CSA Privacy Level Agreement (PLA) Outline	41 On-Going Standardization Activities on Cloud Security in ITU-T and ISO	42 A Post-Mortem of a Mobile App Security Assessment
4:00 PM - 5:00 PM	Closing Keynote: Cloud Security Uncensored <i>Christofer Hoff, Cloud Audit and Founding Member, Cloud Security Alliance</i>					

WEDNESDAY, NOVEMBER 7

11:00 AM – 12:00 PM SA PANEL DISCUSSION

1 Data Security in Cloud and Big Data Systems

Moderator: Steve Warner, *Technical Fellow, R&D Manager and Chief Scientist, Northrop Grumman Information Systems*

Panelists: Tim Rains, *Director, Trustworthy Computing Group, Microsoft*; Russell Dietz, *Corporate Vice President and CTO, SafeNet*

- Defining big data and what types of big data processing are possible within private and public cloud models
- How do we address the issue that big data tools were not designed with security in mind?
- New challenges big data brings to data classification
- What defense-in-depth tactics might we construct to mitigate risks?
- Strategies to address distributed data scenarios

11:00 AM – 12:00 PM DI

2 Data Protection in the Cloud: Encrypting and Monitoring Everything You Can

Misha Nossik, *CTO, AFORE Solutions*

- Cryptographic security's role in a virtualized environment
- Value of granular and persistent protection to virtualized applications
- The role of performance and event monitoring in cloud security

11:00 AM – 12:00 PM MO

3 This Old Cloud: Pragmatic Security for Cloud Construction and Remodels

Rich Mogull, *Analyst & CEO, Securosis*

- A consistent process for implementing real-world cloud security
- How to design secure cloud implementations and applications
- Managing complex cloud environments through security and operational automation via existing tools
- Determining the best storage, encryption and monitoring options for securing cloud data
- Choosing the right identity and access management controls for public, private and hybrid clouds

11:00 AM – 12:00 PM LC

4 Late-Breaking Technology Session

11:00 AM – 12:00 PM SA

5 NIST on Cloud Computing

This session will offer current thinking from the US National Institute of Standards and Technologies (NIST) about cloud computing's adoption and future. NIST created the first practical definition of cloud computing. It has continued to lead the way with standards, reference architectures, and keen insight into the technology, benefits, barriers to adoption, and best practices.

11:00 AM – 12:00 PM MB

6 Top Ten Global Privacy Trends

Paola Zeni, *Senior Corporate Counsel, Privacy, Symantec Corp.*

- Multiplication of data protection and privacy laws around the world and the impact on cloud adoption
- How the expanding definition of personal information is making compliance more challenging
- How privacy-by-design will change products and processes
- Transparency and individual control
- Data ownership and data portability
- Online privacy: the challenges of do-not-track, cookies, etc.
- Mobile privacy and location data

12:00 PM – 1:30 PM Lunch on Your Own

1:30 PM – 2:30 PM SA CASE STUDY

7 Increasing Security and Productivity in Cloud Applications

Session Sponsored by Okta, Inc.

- How enterprise IT is fundamentally changing with the exploding adoption of SaaS applications
- How to make everyone happy and secure (IT, end-users, business executives) while adopting cloud applications like Salesforce.com, Google Apps, Workday, Box.net, WebEx, DocuSign
- Overcoming complex identity, security and productivity challenges to fully harness the power of the cloud
- How single sign-on and automated user management solutions can help address challenges

- How to control access to applications leveraging on-premise directories such as Active Directory

1:30 PM – 2:30 PM DI

8 Seasonal Burst Handling Using Hybrid Cloud Infrastructure

Francois Lascalles, *Chief Architect, Layer 7 Technologies*

- Leveraging virtual appliance form factor for perimeter public/private cloud coordination
- Gateway appliance integration with AWS auto-scale
- Different methods for adjusting backend pools and how they are implemented in the service gateway
- How the automated provisioning of service gateway instances enables elasticity
- Establishing trust between public and private cloud instances

1:30 PM – 2:30 PM MO

9 Storm Clouds on the Horizon: How Attackers are Targeting Cloud Services

Michael Sutton, *Vice President, Security Research, Zscaler*

- Case studies of real-world attacks on cloud-based infrastructures
- How attackers are leveraging the cloud for their own benefit
- Identifying attacker motivations – why attackers are shifting to the cloud
- Examining risks unique to cloud environments
- Threats likely to emerge as cloud platforms mature

1:30 PM – 2:30 PM LC PANEL DISCUSSION

10 Appropriate Levels of Transparency & Assurance in Cloud Computing: A Regulatory Need and Challenge

Moderator: Tim Mather, *Advisory Director, KPMG*

Panelists: Andrew Jaquith, *Chief Technology Officer, Perimeter E-Security*; Cara Beston, *Partner, PwC*; Becky Swain, *CISSP, CIPP/IT, CIPP/US, CISA, Founding Member, Cloud Security Alliance*

- The latest status of FedRAMP, the proposed EU General Data Protection Regulation, the White House Consumer Privacy Bill of Rights, and FTC actions on consumer privacy

- How do these regulations potentially impact cloud service providers?
- What realistic expectations should cloud users have about them?
- Are these efforts sufficient? If not, why and what else needs to be done?

1:30 PM – 2:30 PM **FI**

11 Building an Incident Response Plan for Federal Public Cloud Deployments

Chris Simpson, *CEO, Bright Moon Security*

- SLA and contract considerations for incident response
- Impact of public cloud deployments on the incident response cycle
- Unique considerations for incident response in a public cloud
- What to include in your incident response plan for public cloud deployments

1:30 PM – 2:30 PM **MB**

12 Enterprise Insecurity: Personal Mobile Devices Colliding with the Cloud

Darren Platt, *CTO, Symplified Inc.*

- How to centralize access management for cloud applications
- Ways to protect all cloud apps and data
- How to provide universal security policy enforcement across all mobile platforms
- Enabling single sign-on from any mobile device to all the information resources business users need
- Maintaining a usage audit trail for cloud apps regardless of access device for regulatory compliance reporting

3:15 PM – 4:15 PM **SA**

13 Aligning Your Cloud Security with the Business: A 12-Step Framework

Omar Khawaja, *Global Product Management, Terremark*; Ken Biery Jr., *Principal Consultant, Terremark*

- A structured and sequenced data-centric security approach to identify and align users, systems and access to data. The key considerations of outsourced environments in relation to users, systems and data
- Classifying data based on its business value, not importance to IT

- How to align user, system and data controls with feasible controls in a cloud environment
- How using this 12-step data-centric security approach will make co-managing controls with cloud service providers easier

3:15 PM – 4:15 PM **DI**

14 Late-Breaking Technology Session

3:15 PM – 4:15 PM **MO**

15 Securing the Cloud: A Cloud Provider's Perspective

Mario Santana, *Vice President, Secure Information Services, Terremark*

- Typical approaches to security by today's cloud operators
- The unique security and forensic challenges that differentiate cloud computing operations from classic outsourcing models
- How to develop and implement prevention guidelines
- Overcoming typical cloud challenges such as managing privacy

3:15 PM – 4:15 PM **LC**

16 Late-Breaking Cloud Session

3:15 PM – 4:15 PM **FI** **PANEL DISCUSSION**

17 EU Privacy Reform: What it Means for Cloud Providers and Users

- The fundamental differences in approaches to privacy in the EU and the US
- The differences between the Data Protection Directive and the forthcoming proposed regulations
- The impact of the regulation on cloud computing
- Identifying the legal means to move personal data to cloud providers and data centers outside of European borders
- The data breach notification requirements

3:15 PM – 4:15 PM **MB** **PANEL DISCUSSION**

18 Top Mobile Threats in the Cloud

Moderator: Salim Hariri, *Co-Director, NSF Center for Cloud and Autonomic Computing, The University of Arizona*

Panelists: Tom Kellermann, *Vice President, Cybersecurity, Trend Micro*

- How to protect data in a multi-tenant environment while it's in motion or in a still state
- How to secure access to resources, control flow of data into and out of resources, and apply the control consistently regardless of if the infrastructure is owned or rented
- Can we allow BYOD and if we do, how do we secure mobile cloud?
- Securing and protecting against malicious or compromised apps
- How to secure sync operations

THURSDAY, NOVEMBER 8

10:30 AM – 11:15 AM **SA**

19 Business Continuity and Disaster Recovery

Ben T. Katsumi, *Chief Researcher, Security Economics Laboratory, Information Technology Promotion Agency*

- Current state of cloud services' penetration of people, businesses and society
- Assessing of the effect and damage of cloud service outage
- Conditions to make the cloud resilient, dependable and sustainable
- The technical, security, business, legal and international conditions necessary to transfer a cloud-based service to another platform perspectives

10:30 AM – 11:15 AM **DI**

20 A Practical, Step-by-Step Approach to Implementing a Private Cloud

Rafal Los, *Security & Cloud Strategist, HP Software*

- When it is appropriate to implement a private cloud
- Necessary changes to your applications to prepare for deployment in a private cloud
- Steps required to move from server iron, to virtual systems, to cloud computing

- Where security fits into the private cloud discussion
- Why a model-driven template approach is critical and how it can be achieved with security built in

10:30 AM – 11:15 AM **MO**

21 Late-Breaking Cloud Session

10:30 AM – 11:15 AM **LC**

22 Compliance Convergence for Cloud Providers

David Barton, *Principal*, UHY Advisors, Inc.

- Current cloud compliance standards (CCM, PCI, SSAE 16, HIPAA, NIST, ISO, COBIT, etc.)
- Trends toward convergence and normalizing controls
- How you can reduce the cost of compliance efforts
- Educating your customers in order to meet their needs
- Finding additional value – answering questions before they get asked

10:30 AM – 11:15 AM **FI**

23 Preparing for Security Authorizations in a FedRAMP World

James D. Biggs, *President*, JDBiggs & Associates Inc.

- Assembling the security authorization package (CSP/SO/3PAO)
- Critical factors affecting the provisional authorization decision
- Joint Authorization Board (JAB) roles and responsibilities
- 3PAO independent assessment requirements

10:30 AM – 11:15 AM **MB**

24 Information Assurance and Compliance Challenges in Handling Corporate Data on Mobile Devices

David Snead, *Attorney & Counselor*, W. David Snead, P.C.; Gary Lefkowitz, *Vice President, Marketing*, Kinamik Data Integrity, Inc.

- Top security threats to mobile devices
- Strategies to demonstrate and maintain trustworthy insights of auditable user and machine activity
- Technical considerations for digital data preservation on mobile devices
- Laws, regulations and security policy considerations
- Service Level Agreement clauses

11:30 AM – 12:30 PM **SA**

25 What You Need to Know About Standards and Cloud Security

Laura Kuiper, *Security Consulting Engineer, Research and Advanced Development*, Cisco Systems

- Update on the international standards landscape
- Where cloud standards stand today
- What standards to watch, which are relevant, and how you can leverage them to further meet compliance requirements
- How these evolving standards tie into the Cloud Controls Matrix
- Gaps in standards to be aware of

11:30 AM – 12:30 PM **DI**

26 Selecting Technologies to Secure your Cloud: 7 Lessons Learned from an MSSP

Mark Wood, *Product Manager, Cloud Security*, Dell SecureWorks

- Criteria to consider when choosing cloud security technologies
- Why product licensing may be more important than security functionality
- When utility-based pricing may not be your best choice
- Why virtualization integration can change the economics of your cloud
- How “cloud-washing” by security vendors can affect your choices

11:30 AM – 12:30 PM **MO** PANEL DISCUSSION

27 Your Cloud Provider Has Been Attacked!

Moderator: John Howie, *COO*, Cloud Security Alliance

Panelists: Rakesh Shah, *Director Product Marketing*, Arbor Networks; Jerry Hoff, *Vice President Static Code Analysis Division*, WhiteHat Security Inc.; Tom Brennan, *Director*, Trustwave Spiderlabs

- Current threat landscape and attacks against cloud providers
- Understanding the defenses your cloud provider has in place
- Knowing what to ask your cloud provider before, during and after an attack
- What steps you can take to minimize your organization’s risk when your provider is successfully attacked
- Breach notification: Your cloud provider’s responsibility or your responsibility?

11:30 AM – 12:30 PM **LC**

28 Outsourcing Personal Data Processing to the Cloud

Chris Mitchell, *Professor of Computer Science*, Royal Holloway, University of London

- The need for transparency about how a cloud service provider meets the data protection obligations of his customers
- The benefits an auditable standard will bring to both providers and customers
- When the standard will be produced and what it will contain
- The challenges that need to be overcome to realize the standard

11:30 AM – 12:30 PM **FI**

29 Late-Breaking Technology Session

11:30 AM – 12:30 PM **MB**

30 Late-Breaking Cloud Session

12:30 PM **Networking Luncheon**

1:15 PM – 1:45 PM **Coffee & Dessert in Expo**

1:45 PM – 2:45 PM **SA**

31 Establishing a Cloud Governance Model for Internal Business Consumption

Caroline Hsieh, *Director IT, Cloud Enablement Council*, Symantec Corporation

- Designing a governance structure for cloud solutions
- Creating architecture strategies to identify cloud capabilities to enable business
- Determining selection criteria for preferred cloud vendors based on architecture, legal, security and IT operations
- Developing a risk-management process for cloud solutions
- Establishing a service management process for cloud computing following the ITIL model
- Obtaining executive endorsement and buy-in of cloud governance process

1:45 PM – 2:45 PM **DI** **PANEL DISCUSSION**

32 Identity Management in the Cloud

Panelists: Patrick Harding, *CTO*, Ping Identity; David Baker, *CSO*, Okta, Inc.; Adam Bosnian, *EVP Americas and Corporate Development*, Cyber-Ark Software

- The identity management challenges in the cloud today
- New technologies, products and services that provide effective, practical solutions
- Effective strategies for managing identity both on-premise and in the cloud
- What questions to ask your cloud provider about identity management
- Identifying potential threats and attacks that will target credentials of employees, partners and end users

1:45 PM – 2:45 PM **MO**

33 Late-Breaking Technology Session

1:45 PM – 2:45 PM **LC**

34 Demystifying the USA PATRIOT Act

Francoise Gilbert, *Managing Attorney*, IT Law Group

- Origin and purposes of the USA PATRIOT Act
- FISA and other US laws on government access to data
- Effect of EU data protection laws
- Mutual legal assistance treaties
- Other countries' laws on government access to data

1:45 PM – 2:45 PM **FI**

35 NIST on Cloud Computing

This session will offer current thinking from the US National Institute of Standards and Technologies (NIST) about cloud computing's adoption and future.

1:45 PM – 2:45 PM **MB**

36 Personal Devices in the Cloud: What You Need to Know About Identity Management for BYOD

Paul Madsen, *Sr. Technical Architect, CTO Office*, Ping Identity

- Critical comparisons and contrasts for personal devices vs. corporate-owned
- Differences between mobile device management and mobile app management and how to determine which is preferred
- How to authenticate employees to Web and native mobile applications using the identities they already have
- Which identity management standards enable mobile application management
- Why it's not about the device

3:15 PM – 4:00 PM **SA**

37 Late-Breaking CSA Session

3:15 PM – 4:00 PM **DI**

38 Teaching the Cloud: Lessons from the Trenches of the CCSK

Rich Mogull, *Analyst & CEO*, Securosis LLC; Mike Rothman, *Analyst and President*, Securosis LLC

- The top cloud security issues facing organizations today
- How people are really managing their cloud security
- What's real and what's hype when it comes to cloud security tools
- Which architectures and techniques work, and which are a waste of time

3:15 PM – 4:00 PM **MO**

39 Anatomy of a Public Cloud Attack

Aaron C. Newman, *Founder*, Cloud Compliance, Inc.

- How hackers attack and break into a public cloud
- New security issues presented by the public cloud
- Minimizing risks and remediating security weaknesses
- Best practices for cloud security
- A live attack demonstration and how to collect evidence after an attack

3:15 PM – 4:00 PM **LC**

40 Unveiling the CSA Privacy Level Agreement (PLA) Outline

Daniele Catteddu, *Managing Director, CSA EMEA*, Francoise Gilbert, *Managing Director, IT Law Group*; Paolo Balboni, *Attorney*, Balboni, Bolognini & Partners

- Significant discrepancies between vendors' disclosures
- Benefits of adopting a common format for disclosures
- CSA's proposed outline for a PLA regarding privacy disclosures
- Overview of the proposed outline
- Scope of application and use of the PLA

3:15 PM – 4:00 PM **FI**

41 On-Going Standardization Activities on Cloud Security in ITU-T and ISO

Koji Nakao, *Information Security Officer of KDDI Corporation & Distinguished Researcher*, NICT (National Institute of Information and Communication Technology)

- Cloud security standardization framework in ITU-T and ISO
- Mapping cloud security components [security functions] into Cloud Reference Architecture
- On-going and future collaboration with CSA on cloud security standards

3:15 PM – 4:00 PM **MB**

42 A Post-Mortem of a Mobile App Security Assessment

Mushegh Hakhinian, *CISSP, Security Architect*, IntraLinks

- Design principles for mobile apps, including compliance to enable secure collaboration with business critical data on phones and tablets
- Common coding and configuration mistakes in the apps you build or buy
- The criticality of code review for mobile apps
- Recommendations for proper data protection strategies
- Features unique to mobile devices that can contribute to data leaks

Optional Workshops

TUESDAY, NOVEMBER 6

9:00 AM – 5:00 PM 8 CPEs

W1 Cloud Computing Security Knowledge (CCSK)

The Cloud Computing Security Knowledge basic workshop provides attendees a comprehensive one-day review of cloud security fundamentals and prepares you to take the Cloud Security Alliance CCSK certification exam. Starting with a detailed description of cloud computing, this workshop covers all major domains in the latest guidance document from the Cloud Security Alliance, and the recommendations from the European Network and Information Security Agency (ENISA). This workshop is geared towards security professionals, but is also useful for anyone looking to expand their knowledge of cloud security. (We recommend attendees have at least a basic understanding of security fundamentals such as firewalls, secure development, encryption, and identity management)

W2 Incident Response in the Cloud

In this workshop you will hear from members of the group that developed the Incident Response domain guidance, from members of the CloudCERT Working Group, and from practitioners of cloud incident response both from cloud providers and from specialist firms offering incident response services. After attending this workshop you will be able to prepare for incident response in the cloud. Also you will appreciate how different service and deployment models can aid or hinder incident response. This workshop will teach you cloud provider and cloud consumer roles, and who is responsible for what during incident response. You will be able to apply the fundamentals of incident response, capturing data and performing forensic analysis and identify questions to ask cloud providers about their incident response processes.

FRIDAY, NOVEMBER 9

9:00 AM – 5:00 PM 8 CPEs

W3 How to Leverage the CSA GRC Stack

Becky Swain, *CISSP, CIPP/IT, CIPP/US, CISA, Founding Member, Cloud Security Alliance*

Outsourcing critical business functions into the cloud can present challenges in creating and sustaining assurance and control over legal and regulatory obligations for data management and protection. The real challenge, however, is the creation of trust in the cloud through transparency and evidence-based confidence that everything that is claimed to be happening is, indeed, happening ... and nothing else. The end result of such trust generation is the creation and capture of real pay-offs for the consuming enterprise, and greater market utility for the provider enterprise. The CSA GRC stack and practice is designed to generate and make evident those layers of trust and transparency between cloud service providers and their customers. In this one-day workshop, you will learn how to leverage the Cloud Security Alliance (CSA) GRC stack, giving you a snap shot of emerging cloud standards development efforts, and the CSA Security, Trust & Assurance Registry (STAR). These insights will help you meet your organization's due diligence requirements associated with trustworthy cloud supply chain adoption.

WORKING GROUPS

TUESDAY, NOVEMBER 6

9:00 AM – 9:50 AM Mobile Working Group

10:10 AM – 11:00 AM International Standards Working Group

11:20 AM – 12:10 PM Big Data Working Group

We will be running three consecutive sessions to meet members of the Mobile Working, International Standards and Big Data Groups. In these sessions we will gain an overview of what each has accomplished, what the roadmaps are, and the planned deliverables of each, including when each will be released.

CLOU

Expo Hours

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Okta is the market leading on-demand identity and access management service that enables enterprises to accelerate the secure adoption of their web based applications, both in the cloud and behind the firewall. Okta delivers a complete solution addressing the needs of IT, end users, and business leaders; no customization required.

 **Ping Identity**

www.pingidentity.com

Ping Identity is the Cloud Identity Security leader. Businesses that depend on the Cloud rely on Ping Identity for simple, proven and secure cloud identity management through single sign-on, federated identity management, mobile identity security, API security, social media integration and centralized access control.

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153 Cordaville Road, Suite 200
Southborough, MA 01772
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Fax: 508-787-0033
E-Mail: mis@misti.com
Online: www.misti.com/cloud

IMPORTANT: Have your registration code, found on the mailing panel of this brochure, available when registering.

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Thank you to the 2012 Program Planning Committee for all your hard work to put together this important event.

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TRACK	November 7			November 8			
	11:00-12:00	1:30-2:30	3:15-4:15	10:30-11:15	11:30-12:30	1:45-2:45	3:15-4:00
Strategy & Architecture	1	7	13	19	25	31	37
Design & Implementation	2	8	14	20	26	32	38
Management & Operations	3	9	15	21	27	33	39
Legal & Compliance	4	10	16	22	28	34	40
Federal & International	5	11	17	23	29	35	41
Legal & Compliance	6	12	18	24	30	36	42

Optional Workshops

Tuesday, Nov. 6 9:00 - 5:00	
W1	W2
Friday, Nov. 9 9:00 - 5:00	
W3	

6. Submit Registration

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