SHOWCASE

Date : 26 June 2013 (Wednesday)
Venue : Level 2, Hong Kong Convention and Exhibition Centre

TIMETABLE

* Please "✓" the session(s) you would like attend and complete the form below for FREE seat reservation for the showcase!

Time	Session
08:45 – 09:15	**Registration** (Light breakfast will be served)
09:15 – 09:45	**Welcome Speech (E)** **Mrs Agnes Mak MH JP** Executive Director, Hong Kong Productivity Council **Opening Address (E)** **Mr Daniel Lai, BBS, JP** Government Chief Information Officer, Office of the Government Chief Information Office The Government of the Hong Kong SAR
09:45 – 10:30	**Keynote 1 (C/E)** **What is the "missing link" to providing mobile users with uninterrupted cloud services? The answer : A Managed Security Services Provider (MSSP)** **Mr Ralph Wu,** Solutions Manager, Hong Kong Telecommunications (HKT) Limited **Mr K. C. Lau,** Principal Consultant, e-Cop (International) Limited
10:30 – 10:50	**Break & Showcase**
10:50 – 11:35	**Keynote 2 (C/E)** **BYOD: Empowering End-Users Without Sacrificing Security** **Mr Raymond Hung,** Head of Windows Business Group, Microsoft Hong Kong Limited

	Track 1	Track 2
11:35 – 12:10	**1.1 (C/E)** **Advanced Persistent Threat Defense** **Mr Wong Yun Lam, Matthew** Security Consultant, FireEye Inc.	**2.1 (C/E)** **Protecting Against Evolving Threats with Managed Security Services** **Mr Daniel Kwong** Senior Vice President, Information Technology and Security Services, CITIC Telecom CPC
12:10 – 12:45	**1.2 (E)** **Combating Security Challenges in the Hyperconnected World** **Mr Sudeep Charles** Product Marketing Manager, Akamai Technologies HK Limited	**2.2 (C/E)** **The impact of DDoS in Corporate Cloud with "Bring Your Own Device" Environment** **Mr Ronald Pong** Information Security Manager, Nexusguard Limited

Time	Session
12:45 – 14:15	**Lunch Break***
14:15 – 15:00	**Keynote 3 (C/E)** **Mobile and cloud security made simple - not because they are easy, but because they are hard** **Mr Siupan Chan,** Sales Engineering Manager, Greater China, Sophos Hong Kong Company Limited

	Track 1	Track 2
15:00 – 15:35	**1.3 (C/E)** **Cloud Storage becomes a Commodity?** **Mr Vernon Chow** Technical Consultant, Barracuda Networks, Inc	**2.3 (C/E)** **Understand Modern Threats and Get Protected** **Mr Jones Leung** Systems Engineering Manager, Greater China, Palo Alto Networks
15:35 – 15:55	**Break & Showcase**	
15:55 – 16:30	**1.4 (C/E)** **New Way of Life - Horizon Suite** **Mr Douglas Ng** End User Computing Specialist, VMware Hong Kong	**2.4 (C)** **Threats in converged Internet world & BYOD - how SMB can be protected by enterprise-grade security platform?** **Mr Sam Lee** Regional Director, The Greater China and South Korea, F-Secure Corporation

Time	Session
16:30 – 17:15	**Keynote 4** **To Be Confirmed**
17:15 – 17:30	**Lucky Draw** **iPad Mini**

* Lunch will NOT be provided.

Remarks :
- (C) : Cantonese   (E) : English   (C/E) : Cantonese with English terminology
- The Organizer reserves the rights on modifying the programme schedule without prior notice.
- All participants will have FREE 1-year Anti-Virus and Security Services for PC, Mac and Android sponsored by F-Secure Corporation.

REGISTRATION

Fax: (852) 2190 9784   Enquiry: (852) 2788 5884

Company / Organization : _____

Name: _____ Position : _____

Tel : _____ Fax : _____ Email : _____

Address : _____

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On-line registration: www.hkitssm.org

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Time	
08:45 - 09:15	**Registration** *(Light breakfast will be served)*
09:15 - 09:45	**Opening Ceremony**

09:45 -10:30

Mr Ralph Wu
Solutions Manager,
Hong Kong Telecommunications
(HKT) Limited

Mr K. C. Lau
Principal Consultant,
e-Cop (International) Limited

Keynote 1 (C/E)
What is the "missing link" to providing mobile users with uninterrupted cloud services? The answer : A Managed Security Services Provider (MSSP)

Cloud and BYOD are not just buzz words because both trends are now being adopted by corporations, some of which are reporting productivity gains that go straight to the bottom line. However, even the largest cloud and mobile service providers are missing an opportunity to deliver FULL solutions to customer problems, rather than just raw infrastructure. Meanwhile, security has become a prime concern among CIOs and other IT executives. This is why HKT and eCop have joined forces to deliver a best-of-breed Managed Security Service (MSS) solution for cloud and mobile customers. In this session, HKT and eCop will share the latest attack patterns and explain how our technologies help you overcome major security issues.

10:30 - 10:50 **Break & Showcase**

10:50 -11:35

Mr Raymond Hung
Head of Windows Business Group,
Microsoft Hong Kong Limited

Keynote 2 (C/E)
BYOD: Empowering End-Users Without Sacrificing Security

BYOD represents a paradigm shift in IT; as end-users take their PCs, phones, and tablets to work, they bring along a new dimension of complexity and security challenges to manage. This presentation aims at exploring how IT leaders should embrace these changes while maintaining high standards of IT control. We will demonstrate solutions across a world of devices, whether they run on different platforms or even USB thumbdrives, to show you how this security challenges would be well handled in your organizations under the modern flexible workstyle.

11:35 -12:10

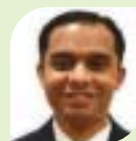| Track 1	Track 2
1.1 (C/E) **Advanced Persistent Threat Defense** **Mr Wong Yun Lam, Matthew** *Security Consultant,* *FireEye Inc.* Globally, organizations are spending billions of dollars every year on security infrastructure. Yet in the first few months of 2013 alone we have already seen a string of headlines related to high profile breaches of well known companies. How is this happening and why are traditional defenses failing to stop these attacks? Most importantly what can be done to fix the problem? FireEye is the leader in stopping today's new breed of cyber attacks, such as zero-day and APT attacks.	**2.1 (C/E)** **Protecting Against Evolving Threats with Managed Security Services** **Mr Daniel Kwong** *Senior Vice President, Information Technology and Security Services,* *CITIC Telecom CPC* As cloud computing evolves, enterprises are becoming increasingly exposed to security threats such as malware, spyware, viruses, Trojans, etc. In addition, enterprises have to manage the high-level security risks and complex security threats brought by unmanaged devices instigated by the Bring Your Own Device ("BYOD") trend or various connectivity to company network anytime, anywhere. Therefore, companies need to find out a security solution which can help to detect and prevent any violation or attack on the latest applications running on the IT environment with sounds performance and features. Managed Security Services with next generation security technologies from a trusted service provider will be your smart choice.

12:10 -12:45

Track 1	Track 2
1.2 (E) **Combating Security Challenges in the Hyperconnected World** **Mr Sudeep Charles** *Product Marketing Manager,* *Akamai Technologies HK Limited* The hyperconnected world is today's reality. No longer are we in a world where consumers "go online"; we are now in a world where everyone and everything simply is online. It's a world filled with opportunity to discover new audiences, creating new revenue streams, building new ecosystems, and inventing new business models. However, the opportunity brings in challenges- Online security has become the #1 concern for businesses and no company, large or small, can afford to ignore the risks. This keynote session will discuss how cyber-attacks are evolving and what the best ways are to combat them.	**2.2 (C/E)** **The impact of DDoS in Corporate Cloud with "Bring Your Own Device" Environment** **Mr Ronald Pong** *Information Security Manager,* *Nexusguard Limited* This speech will cover : • The current status of Corporate Cloud Environment • The common of "Bring Your Own Device" in Corporate Environment • The impact of DDoS in Corporate Cloud with "Bring Your Own Device" Environment • The countermeasure of DDoS in Corporate Cloud with "Bring Your Own Device" Environment

TIMETABLE

12:45 - 14:15	**Lunch Break ***

14:15 -15:00

Keynote 3 (C/E)
Mobile and cloud security made simple - not because they are easy, but because they are hard

Mr Siupan Chan
Sales Engineering Manager, Greater China,
Sophos Hong Kong Company Limited

The increasing mobility of data in corporate environments is one of the biggest challenges companies faced in the past year. Users are fully embracing the power to access data from anywhere. With new technologies, products, ideas, companies and researches coming out every year, the mobile and cloud computing environment we are building now is rapidly increasing in complexity - which is security's worst enemy. Making data protection simple, easy to understand and easy to use has become the Holy Grail in security.

15:00 -15:35

Track 1	Track 2
1.3 (C/E) **Cloud Storage becomes a Commodity?** **Mr Vernon Chow** *Technical Consultant,* *Barracuda Networks, Inc* Storage, needed in every entity, is entering a new era. Due to economies of scale are driving prices down, the needs of business continuity and disaster recovery, storage efficiency becomes critical. Also, statistic showing that almost 40% of the company has very low DR preparedness, will the rising of cloud storage helps?	**2.3 (C/E)** **Understand Modern Threats and Get Protected** **Mr Jones Leung** *Systems Engineering Manager,* *Greater China, Palo Alto Networks* More and more top enterprises got compromised due to the new way modern threats used. Over the past few years Palo Alto Networks keeps on leading the market to innovatively solve new security challenges. Through this short session Jones Leung, Greater China SE Manager from Palo Alto Networks will share the new threat landscape, and highlight the requirement of the new solution.

15:55 -16:30

Track 1	Track 2
1.4 (C/E) **New Way of Life - Horizon Suite** **Mr Douglas Ng** *End User Computing Specialist,* *VMware Hong Kong* Consumer and cloud technologies have enhanced our lives with new kinds of efficiency and freedom. To achieve the same agility at work, Horizon Suite empowers both IT and users with advantages that move the business forward : ● Lower the total cost of ownership of existing Windows PCs and applications ● Provide robust and reliable end-user computing on any desktop, tablet, or smartphone ● Gain centralized physical and virtual desktop management governed by business policies ● Securely deliver Windows, SaaS, and web applications on any desktop or mobile device.	**2.4 (C)** **Threats in converged Internet world & BYOD - how SMB can be protected by enterprise-grade security platform?** **Mr Sam Lee** *Regional Director,* *The Greater China and South Korea,* *F-Secure Corporation* SMBs often find loss in productivity and profit caused by security issues, yet with very limited resources to tackle with. F-Secure will share some insights of latest security threats and trends, and solutions in the converged Internet world with all kinds of mobile devices and new BYOD (Bring Your Own Device) trend.

16:30 -17:15

Keynote 4
TO BE CONFIRMED

17:15 - 17:30

Lucky Draw   **iPad Mini**

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* EARLY BIRD price on or before 14 JUNE 2013

Workshop 1 (2 days)
Data Protection in the Cloud Age
Medium of Instruction : **Cantonese with English terminology (Handout in English)**
Venue : **1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon**

Name of Speaker:
Mr K. C. Lau

Date / Time of Workshop:
**4-5 July 2013
09:30 - 17:00**

Who Should Attend
System and Network Administrators / Engineers / Analysts, Technical Engineers / Managers, Data Security Officers, Information Security Analysts / Managers, IT Auditors and Managers, Network Managers, Security Consultants and System Integrators.

Nature & Objectives

Cloud computing and data protection can be challenging. When moving services to the cloud, it can be both worrying and terrifying for an enterprise to surrender control of its sensitive data and rely solely on a cloud computing service provider to keep it safe.

This course is intended to provide a crash course of cryptography and offers advice on how to secure data in the cloud by encryption, discussing the benefits of cloud encryption, the challenges of implementing cloud encryption, as well as common use cases.

Outline
- Introduction to Cryptography
- Stream Ciphers, RC4 and Alternatives
- Block Ciphers, DES, AES and Alternatives
- Intro to Public-Key Crypto, RSA and Alternatives
- Digital Signatures, Hash Functions, Message Authentication Codes (MACs)
- Key Establishment
- Cloud Computing Models
- Data Security Issues in Cloud
- Cloud Authentication, Access Control
- Encrypt your Cloud Connection
- Encrypted File System in Cloud
- Data Segmentation
- Database Encryption
- VM in Storage or Backup Encryption
- Secure Deletion
- Cloud Service Monitoring
- Hardening Cloud System and Install Host-based Intrusion Detection System in Cloud
- Secure Cloud Applications and Services

Workshop 2 (2 days)
Android Malware and Vulnerability Analysis
Medium of Instruction : **Mandarin with English terminology (Handout in English)**
Venue : **1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon**

Name of Speakers:
**Dr Daniel Luo,
Mr Daoyuan Wu,
Mr Chenxiong Qian**

Date / Time of Workshop:
**9-10 July 2013
09:30 - 17:00**

Who Should Attend
- Mobile Apps Developer
- Network Security Analyst
- IT Security Analyst
- Malware Analyst
- Security Auditor
- Forensic Analyst

Nature & Objectives

According to data released by a security firm, 95% of phone-based malware now targets Android platform. At the same time, severe vulnerabilities have been discovered in many popular Apps. It is therefore useful for us to understand the Android Apps, including Android Malware and normal Apps having security vulnerabilities. The 2-day workshop will introduce to participants:

- The internal of Android Apps and its security framework
- Basic knowledge, tools, and skills for carrying out static analysis and dynamic analysis on Android Apps
- Basic knowledge, tools, and skills for detecting Android Malware
- Basic knowledge, tools, and skill for discovering vulnerabilities in Android Apps
- Hands-on lab on reverse-engineering Android Malware and vulnerable Apps

Outline

Android System and Apps
- Application Framework
- Dalvik Virtual Machine
- Four Major Components
- Manifest analysis
- Permissions analysis
- Android NDK
- APK Structure

Static Analysis
- Smali and Apktool
- Java byte code, Dex2jar, and Dare
- Reverse_engineering APKs
- Code injection
- App repackaging

Dynamic Analysis
- Dynamic analysis environment
- API monitoring
- Taint analysis

Android Malware Detection
- Static analysis
- Dynamic analysis

Android Vulnerability Discovery
- Static analysis
- Dynamic verification

Lab and Hands-on Exercise
- Malware analysis
- Vulnerability exploitation

Name of Speaker:
Mr W. W. Fung

Date / Time of Workshop:
11-12 July 2013
09:30 - 17:00

Workshop 3 (2 days)
Web Application Security Assessment
Medium of Instruction : **Cantonese with English terminology (Handout in English)**
Venue : **1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon**

Who Should Attend
Web Application Developers, System Administrators / Engineers / Analysts, Technical Engineers / Managers, Data Security Officers, Information Security Analysts / Managers, IT Auditors and Managers, Security Consultants and System Integrators. Participants are expected to have basic IT knowledge on TCP/IP networks, and Linux.

Nature & Objectives

The course presents participants with contemporary attacking techniques in a web-based application from sign-on to sign-off. It targets to help participants understand the techniques in both attacking and defending sides of the "hacking" battlefield. Best practices in technical, procedural and managerial aspects will also be discussed. In this workshop, much course time is allocated for hand-on exercises. On completion of the course, participants will understand:

- the basis of risk assessment and penetration test for web-based applications;

- the technical aspects related to web application security and

- the best practices to develop secured web applications.

Outline
- Basic Web Protocol and Attack Method
  - ☆ General Architecture for Web Applications
  - ☆ Current Trends in Web Attack
- Web based information gathering
  - ☆ Reconnaissance Methods
  - ☆ Google Hack
- Common Security Issues in Web Application
  - ☆ Web Server Security
  - ☆ OWASP Top 10 including Cross-Site Scripting and SQL Injection
  - ☆ Web Login Brute-force Attack
  - ☆ Man-in-the-middle Attack for Web Applications
- Web Application Assessment Tools
  - ☆ Network Scanners
  - ☆ Web Application Vulnerability Scanners
  - ☆ Adhoc Manual Tests
- Understanding Web Logs and identifying Web Attack
  - ☆ Web Log formats
  - ☆ Understanding Web Status Word
  - ☆ Web Log analysis
- Best practices for Web Applications
  - ☆ Web application frameworks
  - ☆ OWASP Cheat Sheets
  - ☆ Web application firewalls

Name of Speakers:
Mr Anthony Lai &
Mr Zetta KE

Date / Time of Workshop:
15-16 July 2013
09:30 - 17:00

Workshop 4 (2 days)
Penetration Test Kungfu - Web and Cryptography Hack
Medium of Instruction : **Cantonese with English terminology (Handout in English)**
Venue : **1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon**

Who Should Attend
Pre-requisites:
- Basic linux and Win32 commands
- Basic knowledge in TCP/IP and networking concepts
- Programming and scripting experience preferred but not mandatory

Target audience:
The target audience is for anyone who would like to get familiar with penetration test process and skills, and is interested in offensive techniques to dig some flaws out. IT auditors and system administrator/software developers will find the workshop useful as they could apply what they learned in the workshop to test/audit the systems. It is also good for people who would like to transform themselves into penetration tester.

Nature & Objectives

This is an intermediate Web application penetration test workshop for those who attended the previous Penetration Test Kungfu workshops and understand the details on basic concepts and basic OWASP Top 10 vulnerabilities. This time, we shall focus on tricks and techniques in cryptography and see how to manipulate these vulnerabilities to download or access information which are restricted. In addition, we shall use some mini-wargame to tune up your penetration testing skills.

During the workshop, students will work in groups to dig out vulnerabilities and report their findings in Web hack and in the mini-wargame. It is not a sit-and-listen workshop. You and your team need get the assigned mission completed. Again, Backtrack will be used in the workshop.

Outline
- Penetration test process and real-world penetration test techniques.
  Latest OWASP Top 10 (2013) vulnerabilities.
- Common security tools for Web application penetration test.
- Mini-War game practice to understand the OWASP Top 10 vulnerabilities in depth and learn the tricks and techniques to find out the vulnerabilities.
- Major cryptographic attacks against key and hash in Web application penetration test.

WORKSHOP

* EARLY BIRD price on or before 14 JUNE 2013

* Please "✔" the workshop(s) you would attend and complete the form below for reservation!

	Early Bird Price		Normal Price	
	Non-Member	Member of Organizer / Supporting Organization	Non-Member	Member of Organizer / Supporting Organization
Workshop 1 (2 days) Data Protection in the Cloud Age	☐ HK$4,900	☐ HK$4,700	☐ HK$5,200	☐ HK$5,000
Workshop 2 (2 days) Android Malware and Vulnerability Analysis	☐ HK$4,900	☐ HK$4,700	☐ HK$5,200	☐ HK$5,000
Workshop 3 (2 days) Web Application Security Assessment	☐ HK$4,900	☐ HK$4,700	☐ HK$5,200	☐ HK$5,000
Workshop 4 (2 days) Penetration Test Kungfu - Web and Cryptography Hack	☐ HK$4,900	☐ HK$4,700	☐ HK$5,200	☐ HK$5,000

CPE Hours : *A number of supporting organizations have indicated that recognition credits will be awarded for attendance and participation in the Information Security Showcase Workshops. Please check with your local organization for the level of credits you will be entitled to receive.*

REGISTRATION

Fax: (852) 2190 9784   Enquiry: (852) 2788 5884

Company / Organization : _____

Name: _____   Position : _____

Tel : _____   Fax : _____   Email : _____

Address : _____

_____

Name of Organizer / Supporting Organization *: _____

(*) : You are required to complete this item if you are a member of organizer/supporting organization.

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Workshop Payment

Please send cheque, made payable to **"Hong Kong Productivity Council"**, to:
IBD, 2/F HKPC Building, 78 Tat Chee Avenue, Kowloon (Attn: Ms Tracy Choy) for Seat Confirmation.

Supporting Organization:

Media Support: