

## Seminar “Ethical Hacking and Computer Forensic Investigation - A Security Defensive & Incident Responsive Approach”

### Background

With the growth of the Internet tremendously over the last decade, information security has become a major concern for businesses and governments throughout the world. People want to be able to take advantage of the Internet for electronic commerce, advertising, information distribution and access, and other pursuits, but the constant thought of being “hacked” certainly worries everyone.

With system breaches and internet-crimes increasing at a rapid rate, safeguarding the integrity of Information Systems has become the top priority of businesses and governments worldwide. Hackers will break into their web sites and replace the contents with pornography pictures, steal their credit card number or customer information from

an on-line web based application system, or implant software that will secretly transmit their information to hackers or other places such as competitor.

With these concerns, skilled Information Security professionals need defensive ethical hacking techniques to plug the system vulnerabilities and responsive information forensic techniques to determine the root cause of a hacker attack, protect evidence, collect evidence, analyze evidence and presented evidence in the court.

By the end of this seminar, participants will be able to get an overview on the nature of ethical hacking and computer forensic investigation.

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- Date:** November 29, 2008 (Sat.)    **Time:** 14:30-17:30    **Language:** English  
**Fee:** **Free** (Pre-registration required on first-come-first served basis with HK\$100 deposit; Priority for members of BCS & Supporting Organizations)  
**Venue:** HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon  
**Speaker:** Mr. Krishna Rajagopal, Principal Trainer of Xtreme Security Limited  
**Target Audience:** Information Systems Security Professional who would like to have a technical overview on ethical hacking, penetration testing and computer forensics investigation. The seminar is counted for 3 CPD hours  
**Registration:** Please fax / email / mail the complete registration form back on/before **November 17, 2008**. Please forward any enquiry to [events@bcs.org.hk](mailto:events@bcs.org.hk)

### Organizer:



# BCS

## The British Computer Society ( Hong Kong Section )

### Supporting Organizations:



香港工程師學會  
The Hong Kong  
Institution of Engineers  
Information Technology  
Division



國際項目及專案  
管理協會-大中華分會  
International Association  
of Project and Program  
Management – Greater  
China Chapter



Hong Kong  
Productivity Council  
香港生產力促進局

<b>Seminar Programme</b>	
<b>Registration (14:15 - 14:30)</b>	
<b>Ethical Hacking and Penetration Testing (14:30 - 15:45)</b>	<b>Computer Forensic Investigation (16:00 - 17:30)</b>
<ol style="list-style-type: none"> <li>1. What is ethical hacking and penetration testing?</li> <li>2. Ethical Hacker Vs Penetration Tester</li> <li>3. Legal issues</li> <li>4. Overview on hacking process and techniques               <ul style="list-style-type: none"> <li>■ Footprinting, Google Hacking</li> <li>■ Scanning</li> <li>■ Enumeration</li> <li>■ Social engineering, Dumpster Diving</li> <li>■ Denial of Service</li> <li>■ Password cracking</li> <li>■ SQL injection</li> </ul> </li> <li>5. Overview on penetration testing methodology and tools</li> <li>6. Real-time system hacking demo</li> </ol>	<ol style="list-style-type: none"> <li>1. Definition and need of computer Information Forensics</li> <li>2. Role of computer forensics in tracking cyber Criminals</li> <li>3. Computer forensic laboratory requirements</li> <li>4. Computer forensics process</li> <li>5. Overview on some of the forensic techniques               <ul style="list-style-type: none"> <li>■ Data acquisition and duplication</li> <li>■ Recovering deleted files</li> <li>■ Image files forensics</li> <li>■ Steganography</li> <li>■ Application password crackers</li> <li>■ Investigating logs</li> </ul> </li> <li>6. Real-time computer forensic demo</li> </ol>

### Registration Form

- (a) for deposit by "credit card", please reply by fax to 3172-1145 or email to events@bcs.org.hk  
 (b) for deposit by "cheque", please mail this form together with a cheque to GPO Box 11440, Hong Kong  
 (c) Registration confirmation will be sent via email before the Seminar

Title: Prof./ Dr./ Mr/ Mrs/ Ms    Family Name: \_\_\_\_\_    Given Name: \_\_\_\_\_  
 Affiliation: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Tel: \_\_\_\_\_    Fax: \_\_\_\_\_    Email: \_\_\_\_\_

#### CPD Certificate

- I want to obtain a CPD Certificate to be issued after the seminar, I understand that the handling cost for each certificate is HK\$20, and I will pay by cash during collection

Please use my full name here for the Certificate : \_\_\_\_\_

#### Registration Deposit Fee (HK\$100)

(Your credit card or cheque would not be charged or bank in, if you can turn up in the seminar and register at the registration counter)

- Members:             BCS     HKIE     IAPPM    Membership Number: \_\_\_\_\_  
 Non-member

- By Cheque Payable to "**The British Computer Society (Hong Kong Section) Limited**"

- By Credit Card – I hereby authorize the British Computer Society (Hong Kong Section) Limited to charge my credit card, as follows:

- VISA             Mastercard            Credit Card Number: \_\_\_\_\_

Cardholder's Name (as printed on the card): \_\_\_\_\_

Credit Card Expiration Date: \_\_\_\_\_    Cardholder's Signature: \_\_\_\_\_

## About the Speaker:



**Mr. Krishna Rajagopal** has been involved in the Information Technology field since his younger days. He later pursued his higher studies in the field of Internet Technology from Staffordshire University, UK.

As the Principal Trainer and founder of Xtreme Security Limited, Krishna has contributed extensively in helping numerous Governments and Banks to face the Information Technology age. He has consulted and advised numerous banks such as the Centrale Bank Van Aruba when they were about to move into the Online Banking scene. Thus the standards and procedures he has set for them are being used by all banks in Aruba today.

Krishna has assisted and trained numerous Police Forces around the globe on Security measures. He is often called up as an international expert witness on numerous occasions. He is accredited as a specialist in the successful investigation and prosecution of hackers, fraudsters and other scum from the dark, under ground world of the internet. Currently Krishna has been approached by the enforcement in Mexico, and requested his knowledge and expertise in creating a customized training and education methodology for the Policia Federal (Federal Police), Mexico, for the sole purpose of investigating cyber criminals.

A distinguished and popular speaker, Krishna has conducted training and given talks at numerous events around the globe , the latest being in Mexico City where he delivered his address on a series of conferences organized by Universidad de Tecnologica de Mexico (UNITEC) where nothing less than 1000 participants arrived every night for his conference on Ethical Hacking and Computer Forensics.

He was instrumental in designing, planning and organizing the training needs of the Malaysian Civil Service on the Generic Office Environment (GOE - Electronic Government) Project and the Business Process Re-Engineering (BPR) Project of the Malaysian government. He was also a key person in designing the entire architecture of the Malaysian Government Knowledge Management System which was to be rolled out in stages, with its first stage being the EDMS (Electronic Document Management System). At this moment, Krishna is consulting the Malaysian Government on a National Network Security Centre and a National E-Business Payment Gateway across the nation. Through the years, Krishna has gained a lot of experience on the international stage in training and guiding people in the IT Security & Business sector across 5 continents of the world.