



## Training on CREST Practitioner Security Analyst (CPSA) and CREST Registered Tester (CRT)



18 – 20 March 2019



### Objectives

This program is designed based on the syllabus of the **CPSA (CREST Practitioner Security Analyst)** and **CRT (CREST Registered Tester)** certifications. The two courses share a common list of security topics, with CPSA focusing on the concepts and CRT emphasizing on practical skills. Both of these will be covered in the course. On top of the lecture-based teaching, participants will be able to reinforce the knowledge learnt in an in-class lab which simulates real life IT environment. After taking this course, you will be able to have basic understandings on how to conduct security testing on infrastructure and web applications.

### Program Outline

#### Day 1

- Introduce different types of security testing and cover fundamental knowledge such as assessment methodology and cryptography
- Refresh basic network concepts and how they can be applied in network scanning and discovery
- Prepare tools and environment for conducting security testing and get familiar with them

#### Day 2

- Illustrate concepts and knowledge on conducting security assessment on Windows and UNIX-based systems
- Introduce common vulnerabilities that may be useful in conducting security testing
- Hands-on labs of security assessments on Windows and UNIX-based systems

#### Day 3

- Introduce the methodology and techniques on conducting testing on web-applications
- Briefing on common vulnerabilities in web-applications
- Hands-on labs of basic testing of web-applications

**Candidates are required to bring their own laptop for the practical exercises**

### Speakers

#### Kenneth Tse

Senior Security Consultant

Kenneth has over 10 years of hands-on experiences in information security and specialized in penetration tests and attack simulations. He is a holder of professional certificates on web/mobile/infrastructure penetration tests and is also a CREST Registered Tester. Kenneth delivers regular professional trainings in these topics. His classes had participants from various industries including finance, government, education and other organizations from both public and private sectors.

### Target Audience

#### Entry requirements

- IT professional, including, but not limited to, system administrators, application / system developers, IT security officer
- Experienced in using UNIX / Windows systems

#### Note

HKMA announced on 10 Jan 2019 that CPSA and CRT are the recognized certificates of ECF on Cybersecurity in Core Level and Professional Level respectively.

## Programme Details

Two options will be offered for participants to choose

	CPSA and CRT Training (3 Days)	CRT Training (2 Days)
Date	18 - 20 Mar 2019 (Mon - Wed)	19 – 20 Mar 2019 (Tue – Wed)
Seminar Time	09:30 – 17:30	
Language	English	
Venue	Hong Kong Applied Science and Technology Research Institute Company Limited 3 <sup>rd</sup> Floor, Photonics Centre, 2 Science Park East Avenue Hong Kong Science Park, New Territories, Shatin, Hong Kong.	
Fee	<b>Option I</b> (CPSA and CRT Training)	<b>Option II</b> (CRT Training <u>ONLY</u> )
	HK \$ 13,900	HK \$ 10,000
Enrollment	By Fax at 2544 9946 or Submit to our Institute in person	
Enquiry	(852) 2153 7800 / (852) 2190 7023	
Email	programme@hkib.org	

## Registration Form

Training on CREST Practitioner Security Analyst (CPSA) and CREST Registered Tester (CRT) (HV-CCASP-190301)

Please “✓” the appropriate box:

I shall attend:

☐ Option I – 3 days of CPSA and CRT Training only    ☐ Option II – 2 days of CRT Training

Full Name : Mr / Ms

(In English as on ID Card)

Membership No :

Department :

E-mail :

Full Name :

(In Chinese)

Organization :

Position :

Mobile / Phone No :

(Confirmation will be sent via e-mail one week before course commences)

Mailing Address :

Payment Method :

☐ A cheque / e-Cheque\* made payable to “The Hong Kong Institute of Bankers” (Cheque no. \_\_\_\_\_)

\* For e-Cheque, please state the **programme code** under ‘remarks’ and email together with the **completed enrolment form** to **programme@hkib.org**

☐ Credit Card :    ☐ VISA    ☐ Master

Amount : HK\$ \_\_\_\_\_

Card Holder Name : \_\_\_\_\_

Signature : \_\_\_\_\_

Card No. : \_\_\_\_\_

Expiry Date : \_\_\_\_\_

(mm/yy)

## How did you know about this programme?

☐ Website

☐ HR Department

☐ E-News

☐ Others (Please specify)

☐ Friends / Colleagues

☐ Banking Today

☐ HKIB Counter

## Terms and Conditions

- All fees paid are non-refundable and non-transferrable.
- Participants who have settled payments will receive course confirmation by e-mail within 7 days prior to the programme date.
- All payments must be settled before programme commencement.
- Priority of enrolment will be given on a ‘first-come-first-serve’ basis. HKIB Member will have priority to register if there is limited seat remained for the programme.
- We reserve the right to reject an enrolment at any time.
- We reserve the right to cancel, modify and/or postpone the programme due to unforeseen circumstances.
- The information given and personal data collected will be used for the purpose of administration and communication by the Institute.
- For the Typhoon or Rainstorm arrangement, please refer to the confirmation e-mail or HKIB’s website (www.hkib.org).



Please visit HKIB website for more public programmes



# Training on CREST Certified Infrastructure Tester (CCT INFRA)



15 – 17 April 2019

## Objectives

This course will enable participants to:

- Understand the techniques used in both basic and advanced ethical hacking activities.
- Gain hands on experience with a variety of tools applicable to all phases of an ethical hacking engagement.
- Identify common issues encountered during different phases of an ethical security test and ways to work around them.
- Test yourself against a real-life vulnerable network in a Capture-The-Flag (CTF) challenge at the end of the CCT INFRA course.
- Gain valuable insight into CREST / CCASP certifications.

## Programme Outline

HKIB and ASTRI working in partnership to run a content-based training course on CREST CCT INFRA (3 days).

This course will cover advanced penetration testing techniques against Windows and Linux networks. We will cover the penetration testing lifecycle from network mapping and reconnaissance through to exploitation and post-exploitation activities. The course will introduce participants to methodologies and tools used throughout the phases of a penetration test and how to use them effectively. We will also look at common issues participants might encounter and how to work around them.

The content of this programme is designed to help participants prepare for the CREST CCT INFRA exams and will cover a significant portion of the syllabus.

## Target Audience

- Participants should possess a minimum of at least three (3) years of hands-on experience on cybersecurity assessments and related areas such as:
  - Penetration tests on networks, web apps or mobile apps;
  - Cybersecurity vulnerability research on Windows, Unix, Linux security and administration; and/or
  - The usage of security tools and scripting languages for conducting cybersecurity assessments.
- Participants will be required to submit a description of the relevant work experience and certification certificates and will be assessed by CREST independently for fulfilling the entry requirements upon registration.

- Participants MUST bring a laptop suitable for use on the course or they will not be able to join in the group exercises. This means:

- At least 8GB RAM and 30GB HDD space;
- Ability to connect to 802.11n wireless networks;
- Kali Linux OS -OR- VMware Player virtualization software installed and working and able to plug in and read from a USB HDD.

## Speaker

### Ryan Siu

Ryan has achieved both CREST Certified Web application and infrastructure qualifications and has over 10 years experience in information security. He also has a large variety of penetration testing experience ranging from red teaming, infrastructure, application, mobile penetration testing having been continuously CCT certified for 6 years. He has developed training courses and delivers web application training to junior members of the team.

## Programme Details

Language	: English
Date	: 15 – 17 April 2019
Time	: 09:00 – 13:00, 14:00 – 18:00
Duration	: 3 Days
Venue	Hong Kong Applied Science and Technology Research Institute Company Limited : 3 <sup>rd</sup> Floor, Photonics Centre, 2 Science Park East Avenue Hong Kong Science Park, New Territories, Shatin, HK
Fee	: HK\$ 25,000 per participant
Enrollment	: By fax at 2544 9946/ Email to: <a href="mailto:programme@hkib.org">programme@hkib.org</a> / Submit to our Institute in person
Enquiries	: <a href="mailto:programme@hkib.org">programme@hkib.org</a> (Enrollment Enquiries) ; <a href="mailto:pdp-enquiry@astri.org">pdp-enquiry@astri.org</a> (Technical & Syllabus Enquiries)

### Note

HKMA announced on 10 Jan 2019 that CCT INFRA is one of the recognized certificates of ECF on Cybersecurity (Professional Level).

## Registration Form

Training on CREST Certified Infrastructure Tester (CCT INFRA) (HV-CCASP-190401)

Full Name : Mr / Ms _____ <small>(In English as on ID Card)</small>	Full Name : _____ <small>(In Chinese)</small>
Membership No : _____	Organization : _____
Department : _____	Position : _____
E-mail : _____ <small>(Confirmation will be sent via e-mail one week before programme commences)</small>	Mobile / Phone No : _____
Mailing Address : _____ <small>(Please provide a mailing address if you want to receive the official receipt)</small>	

Payment Method :	<input type="checkbox"/> A cheque / e-Cheque* made payable to "The Hong Kong Institute of Bankers" (Cheque no. _____) <small>* For e-Cheque, please state the programme code under 'remarks' and email together with the completed enrolment form to <a href="mailto:programme@hkib.org">programme@hkib.org</a></small>	
	<input type="checkbox"/> Credit Card : <input type="checkbox"/> VISA <input type="checkbox"/> Master	Amount : HK\$ _____
	Cardholder's Name : _____	Signature : _____
	Card No. : _____	Expiry Date : _____ <small>(mm/yy)</small>

How did you know about this programme? ☐ Website    ☐ E-News    ☐ HR Department    ☐ HKIB Counter    ☐ Banking Today  
☐ Friends / Colleagues    ☐ Others (Please specify) \_\_\_\_\_

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