Pentest "Kungfu" - Advanced Cyber Security Exploit Workshop

Course Fee: HK$6,600 (May apply up to HK$4,400 subsidy)

*Maximum saving, with the final grant subjects to approval.

RTTP Approved

We always hear about the term of “Pentest”, what is it about? What is it used for? How do we carry out penetration test against various servers and systems?

In this advanced workshop, we shall share our “Kung Fu” with you such that you can apply the techniques learnt to uncover system vulnerabilities before attackers do.

Programme code	10010930
Date and time	25-26 March 2021 09:30 – 17:00
Venue	1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
Medium	Cantonese with English terminology
Fee	**Early Bird Price (deadline on 25 February 2021):** - Non-member: HK$6,500 per person - Member of Organiser/Supporting Organisations: HK$6,400 per person **Regular Price**: - Non-member: HK$6,600 per person - Member of Organiser/Supporting Organisations: HK$6,500 per person
Remarks	The application deadline is **11 March 2021**. Late submission will NOT be considered.

Course Objectives

Penetration test (pentest) is used to uncover the vulnerabilities of the system and the tester can carry out further exploitation to see whether he/she could gain any confidential information and restricted access.

During the workshop, students will work in groups to dig out vulnerabilities and report their findings. Participants are required to complete assigned mission through hands-on exploration and creative thinking.

We will use BackTrack which is a free live CD with various penetration test tools to carry out all the hands-on exercises.

Hands-on missions experience real-world penetration test techniques.

This course is an approved Reindustrialisation and Technology Training Programme (RTTP), which offers up to 2/3 course fee reimbursement upon successful applications. For details: https://rttp.vtc.edu.hk.

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Course Content

Penetration Test Process

- Penetration test framework, process, methodology and ethics
- OWASP top 10 vulnerabilities reload
- Common vulnerabilities and misconfiguration of web application and network
- Web application and network penetration test as well as Scripting Kungfu
- Get to know a vulnerability
- Further Attack: Metasploit - An exploit framework and post-exploitation with Meterpreter scripting
- More on scripting stuff in Python, NMap Script Engine and Meterpreter Scripting

Prerequisite

- Basic Linux and Win32 commands
- Basic knowledge in TCP/IP and networking concepts
- Programming and scripting experience but not mandatory
- Interested in offensive techniques to dig some flaws out

Target Trainees

- ✓ Anyone with an interest in penetration testing
- ✓ IT auditors, system administrator, software developers

Certificate of Training

Participants who have attained 75% or more attendance will be awarded Attendance Certificate.

RTTP Training Grant Application

Companies should submit their RTTP training grant application for their employee(s) via https://rttp.vtc.edu.hk/rttp/login at least two weeks before course commencement. Alternatively, application form could be submitted by email to rttp@vtc.edu.hk along with supporting documents.

Inquiry Ms Judy LIU | +852 2788 5704 | judysmliu@hkpc.org

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Trainer

Mr Anthony LAI

Founder & Security Researcher, VX Research Limited

Anthony LAI who has hybrid experience in application development, code security, penetration test, threat analysis and audit areas for 14 years. He has done vulnerability assessment, penetration, IT audit and training for government and various corporates. He is now a lead consultant and threat advisor of several MNCs. He acts as a researcher in Knownsec for Web security.

Anthony has spoken in Blackhat USA 2010, DEFCON 18-20, AVTokyo 2011-2012, 2013.5, HITCON 2010-2011 as well as Codegate 2011. He has set up a security research group called VXRL (www.vxrl.org) in Hong Kong, which connects various whitehats and security researchers.

He is a SANS GWAPT, GREM and GCFA holder.

Enrolment Methods

1. Scan the QR code to complete the enrolment and payment online.
2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK dollar) and the application form should be mailed to Hong Kong Productivity Council, 2/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Judy LIU). Please indicate the course name and course code on the envelope.

(Only receipt printed with receipt printers at HKPC is valid. Receipt of cheque payment is subject to bank clearance.)

https://www.hkpcacademy.org/en/programmeDetail.jspx/10010930

Supporting Organisations (In arbitrary Order)

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