Course Introduction

This 2-day intensive course is designed for beginners, providing a thorough introduction to the fundamental principles of network security challenges and penetration testing techniques. Participants will engage in hands-on labs, simulations, and real-world scenarios to enhance their practical skills. During the course, participants will acquire the essential skills necessary to assess and secure networks against potential cyber threats.

Course Objectives

• To understand the basic network security concepts and protocols and learn about common network vulnerabilities.

• To learn how to use various penetration testing tools and techniques essential for assessing network security.

• To gain the knowledge of network vulnerabilities such as misconfigurations, open ports, and weak authentication protocols.

• To acquire skills in network scanning and enumeration techniques to identify active hosts and services on a network.

Learning Level

• Fundamental

Course Duration

• 2 Days

Target Group

• Junior penetration tester

• IT auditor

• Developer

• IT operation

• General attendees (ผู้สนใจทั่วไป)

For More Information & Registration, Please Contact Training Division
Tel:(66) 2253-4736, Fax:(66) 2253-4737, Hotline:(66) 86-325-7129, E-mail: registration@acisonline.net

NPT - Network Penetration testing: A Beginner is Guide: Course Outline

Course Outline

Day 1

- Introduction to Network Penetration Test

- Types of penetration test

- Scoping

- Penetration test report

- Network Penetration Test Methodology

- Performing basic OSINT and reconnaissance

  - Subdomains

  - Google hacking

  - Leak Credentials

  - Sensitive information

- Scanning and performing vulnerability assessments

  - Nmap

  - Nessus

Day 2

- Performing basic exploitation

  - Metasploit

  - Exploit-db

- Performing privileged escalation

  - Password attacks

  - Cracking

  - Pass-the-hash

  - Pivot

- Capture The Flag (CTF)

Official Training Partner

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