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

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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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