

Course Introduction

Establishing and maintaining the security of a wireless network can be challenging, and discovering weaknesses before a wireless attacker does is part of that challenge. To meet the needs of IT professionals who want the capability to discover and demonstrate weaknesses in Wi-Fi networks, “Hacking and Hardening your Wireless Network” is the ideal course.

Two days of certified expert instruction and rigorous hands-on, step-by-step labs will prepare students to successfully perform wireless penetration testing for any site or organization. From initial stealth discovery and traffic analysis to defeating standard wireless network protection mechanisms and testing susceptibility to denial-of-service, this thorough course is one-stop shopping in wireless attack training. The latest and greatest wireless hacking tools are discussed in detail by our highly certified instructors.

Course Objectives

- To demonstrate latest tools and technique used by hacker to penetrate wireless system
- To demonstrate how all popular security schemes such as ESSID (Disable Broadcast SSID), MAC Address Filtering, WEP, WPA can be easily broken
- To demonstrate the latest state of the art wireless penetration techniques

Learning Level

- Intermediate

Course Duration

- 2 Days

Target Group

- Network Administrators
- Network Consultant

Course Outline

Day 1

- Introduction to Wireless LAN

For More Information & Registration, Please Contact Training Division

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Wireless LAN organization and standard

Understanding the wireless threat

Wireless LAN Security

Wireless LAN Hacking

Lab: Wireless Sniffing

Lab: MAC Address Spoofing

Day 2

- Lab: Hacking Wi-Fi Hotspot (Evil Twin Technique)
- Lab: WEP cracking
- Lab: WPA Personal mode cracking
- Lab: WPS Hacking
- Wireless Denial of Service
- Wireless Security Strategies and Implementation

Official Training Partner



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