

Introduction to Ethical Hacking



Security • Durasi: **3 Hari** • Course Code: **SC-1101**

Deskripsi

Training ini mengenalkan konsep dasar ethical hacking pada peserta. Ethical hacking adalah suatu bentuk kegiatan dari hacking namun dengan status legal yang bertujuan untuk meningkatkan kepedulian terhadap keamanan dalam suatu sistem. Materi training disajikan dalam bentuk pengenalan konsep dan teori serta beberapa labs dalam porsi yang seimbang.

Tujuan Training

- ▶ Peserta mengenal dunia ethical hacking.
- ▶ Peserta mengenal beberapa kegiatan ethical hacking.
- ▶ Peserta dapat lebih meningkatkan kepedulian terhadap keamanan sistem komputer.

Prasyarat

- ▶ Terbiasa menggunakan komputer berbasis Windows.
- ▶ Mengetahui konsep dasar jaringan komputer berbasis Windows.

Target Peserta

Semua pengguna komputer yang peduli terhadap keamanan sistem komputer.

Tinjauan Materi

- ▶ Security Fundamentals:
Goals of Security ; Assets, Threats, and Vulnerabilities ; Defining an Exploit
- ▶ Security Testing:
No Knowledge Tests (Blackbox) ; Full Knowledge Testing (Whitebox) ; Partial Knowledge Testing (Graybox)
- ▶ Hacker and Cracker Descriptions
- ▶ Ethical Hackers:
Required Skills of an Ethical Hacker ; Modes of Ethical Hacking ; Rules of Engagement
- ▶ Five Stages of Ethical Hacking:
Passive and Active Reconnaissance ; Scanning ; Gaining Access ; Maintaining Access ; Covering Tracks
- ▶ Legal Implications of Hacking:
Real-life Examples of Hackers are Crackers ; The Hackers ; The Crackers
- ▶ Introduction to IT Security Certifications
- ▶ Labs:
Preparation ; Banner Identification ; Target Enumeration ; Scanning ; Sniffing Traffic ; Spoofing ; Brute Force ; Vulnerability Scanning ; Denial-of-Service (DoS)

Training Lanjutan yang Disarankan

- ▶ NT-1401: Interconnecting Cisco Network Devices - Part 1 (ICND1)
- ▶ NT-1402: Interconnecting Cisco Network Devices - Part 2 (ICND2)
- ▶ NT-1403: Designing Cisco Network
- ▶ NT-1501: CompTIA Network+
- ▶ SC-1501: CompTIA Security+
- ▶ SC-1201: Implementing & Administering Security in Windows Server 2003 Networks