



HEROTEC

NETWORK PROFESSIONAL TRAINING

EC- Council: Certified Ethical Hacker v.9

Related Certificate	Ec-Council
Course ID	CEH v.9
Related Exams	312-50
Audience	IT Professional
Hours	48

Overview:

This class will immerse the students into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students will begin by understanding how perimeter defenses work and then be lead into scanning and attacking their own networks, no real network is harmed. Students then learn how intruders escalate privileges and what steps can be taken to secure a system. Students will also learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation. When a student leaves this intensive 5 day class they will have hands on understanding and experience in Ethical Hacking. This course prepares you for EC-Council ANSI accredited Certified Ethical Hacker exam 312-50.

Objective:

- Students will begin by understanding how perimeter defenses work and then be lead into scanning and attacking their own networks, no real network is harmed.
- learn how intruders escalate privileges and what steps can be taken to secure a system.
- learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation.

Outlines:

CEHv9 Curriculum consists of instructor-led training and self-study. The Instructor will provide the details of self-study modules to the students beginning of the class.

- Module 01: Introduction to Ethical Hacking
- Module 02: Footprinting and Reconnaissance
- Module 03: Scanning Networks
- Module 04: Enumeration
- Module 05: System Hacking
- Module 06: Malware Threats
- Module 07: Sniffing
- Module 08: Social Engineering
- Module 09: Denial of Service
- Module 10: Session Hijacking
- Module 11: Hacking Webservers
- Module 12: Hacking Web Applications
- Module 13: SQL Injection
- Module 14: Hacking Wireless Networks
- Module 15: Hacking Mobile Platforms
- Module 16: Evading IDS, Firewalls, and Honeypots
- Module 17: Cloud Computing
- Module 18: Cryptography

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