

Certified Ethical Hacker (CEH) Training

Duration: 5 Days · **Training format:** Virtual Classroom / Online

Description

CEH (Certified Ethical Hacker) is a certification for ethical hackers, also known as "white hat hackers". A white hat hacker legally discovers and helps fix security vulnerabilities in computer systems. White hat hackers are authorized to find weak points in networks and computer systems and to close those gaps. The CEH certification is an important credential for professionals who want to build expertise in computer security. Certificate holders learn the tools and techniques used to test computer systems within a legal framework, identify weaknesses and remediate security vulnerabilities. CEH training and certification are valuable for professionals working in computer security and are sought after by many employers. Holding this certification demonstrates your ability to use ethical hacking techniques to detect and fix security vulnerabilities. The Certified Ethical Hacker course is suitable for staff working in network or information security departments who want to gain an attacker's perspective, and for those who want to become penetration testers. The course also prepares you for the EC-Council Certified Ethical Hacker 312-50 exam. **What will you learn in this course?**

- Footprinting
- Network scanning
- Enumeration
- Packet sniffing
- Social engineering
- DoS/DDoS
- Session hijacking
- Attacks on web servers and web applications, and countermeasures
- SQL injection attacks
- Wireless encryption
- Cloud computing threats
- Cryptography ciphers
- Penetration testing

Who should attend? Security officers Auditors Security professionals Website administrators Penetration testers Anyone concerned about the integrity of the network infrastructure

Outline

Introduction to Ethical Hacking Footprinting and Reconnaissance Scanning Networks

Enumeration and Vulnerability Analysis System Hacking Malware Threats Sniffing Social Engineering Session Hijacking Evading IDS, Firewalls and Honeypots Hacking Web Servers and Web Applications Hacking Wireless Networks Hacking Mobile Platforms IoT Hacking Cloud Computing

Prerequisites

Knowledge of TCP/IP