



Certified Ethical Hacker (CEH)



Course Overview

The Certified Ethical Hacker (CEH) credential is the most trusted ethical hacking certification and accomplishment recommended by employers globally. It is the most desired information security certification and represents one of the fastest-growing cyber credentials required by critical infrastructure and essential service providers. Since the introduction of CEH in 2003, it is recognized as a standard within the information security community. CEH v11 continues to introduce the latest hacking techniques and the most advanced hacking tools and exploits used by hackers and information security professionals today. The Five Phases of Ethical Hacking and the original core mission of CEH remain valid and relevant today: "To beat a hacker, you need to think like a hacker."

Target Audience

Cyber Security Analyst

Cyber Security Engineer

Security Consultant

Chief Information Security Officer (CISO)

Penetration Tester

Course Objectives

CEH provides an in-depth understanding of ethical hacking phases, various attack vectors, and preventative countermeasures. It will teach you how hackers think and act maliciously so that you will be better positioned to set up your security infrastructure and defend future attacks. Understanding system weaknesses and vulnerabilities help organizations strengthen their system security controls to minimize the risk of an incident. CEH was built to incorporate a hands-on environment and systematic process across every ethical hacking domain and methodology, giving you the opportunity to work towards proving the required knowledge and skills needed to perform the job of an ethical hacker. You will be exposed to an entirely different posture towards the responsibilities and measures required to be secure.

- Information Security Analyst/Administrator
- Information Assurance (IA) Security Officer
- Information Security Manager/Specialist
- Information Systems Security Engineer/Manager
- Information Security Professionals/Officers
- Information Security/IT Auditors
- Risk/Threat/Vulnerability Analyst
- System Administrators
- Network Administrators and Engineers

Duration

5 Days

Certifications

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Contact Us

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Course Outline

- **Module 01:** Introduction to Ethical Hacking
- **Module 02:** Footprinting and Reconnaissance
- **Module 03:** Scanning Networks
- **Module 04:** Enumeration
- **Module 05:** Vulnerability Analysis
- **Module 06:** System Hacking
- **Module 07:** Malware Threats
- **Module 08:** Sniffing
- **Module 09:** Social Engineering
- **Module 10:** Denial-of-Service
- **Module 11:** Session Hijacking
- **Module 12:** Evading IDS, Firewalls, and Honeypots
- **Module 13:** Hacking Web Servers
- **Module 14:** Hacking Web Applications
- **Module 15:** SQL Injection
- **Module 16:** Hacking Wireless Networks
- **Module 17:** Hacking Mobile Platforms
- **Module 18:** IoT Hacking
- **Module 19:** Cloud Computing
- **Module 20:** Cryptography

Prerequisites

- At least two years of IT security experience
- A strong working knowledge of TCP/IP
- Security+ Prep Course is highly recommended

Intended Audience

- Information Security Analyst/Administrator
- Information Assurance (IA) Security Officer
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