

[CEH]: Certified Ethical Hacker (CEHv10)

Length : 5 days
Delivery Method : Instructor-led (Classroom)

Course Overview

The Certified Ethical Hacker (C|EH v10) program is a trusted and respected ethical hacking training Program that any information security professional will need.

Since its inception in 2003, the Certified Ethical Hacker has been the absolute choice of the industry globally. It is a respected certification in the industry and is listed as a baseline certification on the United States Department of Defense Directive 8570. The C|EH exam is ANSI 17024 compliant adding credibility and value to credential members.

C|EH is used as a hiring standard and is a core sought after certification by many of the Fortune 500 organizations, governments, cybersecurity practices, and a cyber staple in education across many of the most prominent degree programs in top Universities around the globe.

Hundreds of Thousands of InfoSec Professionals as well as Career Starters have challenged the exam and for those who passed, nearly all are gainfully employed with successful careers, but the landscape is changing. Cyber Security as a profession is evolving, the barrier to entry is rising, the demand for Skilled Cyber professionals continues to grow, but it is being refined, demanding a higher level of skill and ability.

EC-Council raises the bar again for ethical hacking training and certification programs with the all new C|EH v10!

This course in its 10th iteration, is updated to provide you with the tools and techniques used by hackers and information security professionals alike to break into any computer system. This course will immerse you into a "Hacker Mindset" in order to teach you how to think like a hacker and better defend against future attacks. It puts you in the driver's seat with a hands-on training environment employing a systematic ethical hacking process.

You are constantly exposed to creative techniques of achieving optimal information security posture in the target organization; by hacking it! You will learn how to scan, test, hack and secure target systems. The course covers the Five Phases of Ethical Hacking, diving into Reconnaissance, Gaining Access, Enumeration, Maintaining Access, and covering your tracks.

The tools and techniques in each of these five phases are provided in detail in an encyclopedic approach and absolutely no other program offers you the breadth of learning resources, labs, tools and techniques than the C|EH v10 program

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Audience Profile

- Ethical Hackers
- System Administrators
- Network Administrators
- Engineers
- Webmanagers
- Auditors
- Security Professionals in general

At Course Completion

C|EH is the world's most advanced ethical hacking course covering 20 of the most important security domains any individual will need when they are planning to beef-up the information security posture of their organization. The course provides hacking techniques and tools used by hackers and information security professionals.

To provide employers with the confidence that you not only know your stuff, but can do the job, challenge the C|EH (Practical) exam to proof your skills.

Certification

The C|EH exam can be challenged post the completion of attending the complete official C|EH course. Candidates that successfully passes the exam will receive their C|EH certificate and membership privileges. Members are expected to adhere to recertification requirements through EC-Council's Continuing Education Requirements.

As a powerful addition to the C|EH exam, the new C|EH (Practical) exam is now available adding even more value to the C|EH certification through practical validation of skills and abilities.

Examination

Exam Title:	Certified Ethical Hacker (ANSI)
Exam Code:	312-50 ECC EXAM, 312-50 (VUE)
Number of Questions:	125
Duration:	4 hours
Availability:	ECCEXAM / VUE
Test Format:	Multiple Choice

Exam Title:	Certified Ethical Hacker (Practical)
Number of Practical Challenges:	20
Duration	6 hours

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Availability:	Aspen - iLabs
Test Format:	Ilabs cyber range
Passing Score:	70%

Pre-Requisites

- Candidates require CEH or CEH (ANSI) credential in good standing as a prerequisite to receiving the CEH (Practical) credential. This is regardless of them challenging the CEH (Practical) exam.
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Course Outline**Module 1: Introduction to Ethical Hacking****Module 2: Footprinting and Reconnaissance****Module 3: Scanning Networks****Module 4: Enumeration****Module 5: Vulnerability Analysis****Module 6: System Hacking****Module 7: Malware Threats****Module 8: Sniffing****Module 9: 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****AVANTUS TRAINING PTE LTD**

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Module 15: SQL Injection

Module 16: Hacking Wireless Network

Module 17: Hacking Mobile Platforms

Module 18: IoT Hacking

Module 19: Cloud Computing

Module 20: Cryptography

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