

Certified Ethical Hacker v10 Masterclass

Learn via: **Classroom / Virtual Classroom**

Duration: **5 Days**

Overview

A Certified Ethical Hacker (CEH) is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner to assess the security posture of a target system(s). The CEH credential certifies individuals in the specific network security discipline of Ethical Hacking from a vendor-neutral perspective.

The Purpose of the CEH credential is to:

- Establish and govern minimum standards for credentialing professional information security specialists in ethical hacking measures.
- Inform the public that credentialed individuals meet or exceed the minimum standards.
- Reinforce ethical hacking as a unique and self-regulating profession.

The CEHv10 course is now accredited under the GCHQ Certified Training (GCT) Scheme.

What's Included?

Included in our CEHv10 Masterclass:

- CEHv10 (ANSI) Exam Voucher
- CEHv10 (Practical) Exam Voucher
- CEHv10 iLabs (Post Course Lab Access)

Prerequisites

Before attending this accelerated ethical hacking course, you should hold two years' IT work experience and possess a basic familiarity of Linux and/or Unix. We also recommend you possess a strong working knowledge of:

- TCP/IP
- Windows Server

Delegates will not be able to access the EC Council CEH course material until they receive their login details, which they are given on the first day of the course.

What You Will Learn

Here's what's new in the CEHv10:

- A module on the Internet of Things (IoT) security
- Upgraded vulnerability assessment material
- A focus on cloud attack vectors, AI and Machine Learning
- International ANSI accreditation
- Introduction of the CEHv10 (Practical) exam

In response to the escalating threat of unsecured IoT devices – like 2017's Mirai botnet attack - CEHv10 will introduce a new module focusing on Internet of Things (IoT) security. This module will provide professionals with the knowledge they need to test, deploy and manage the security of IoT devices.

EC-Council CEHv10 (ANSI) exam:

Number of Questions: 125

Passing Score: 70%

Test Duration: 4 hours

Delegates receive an EC Council Exam Voucher

CEHv10 (Practical)

This is the next step after you have attained the highly acclaimed Certified Ethical Hacker certification. The CEHv10 (Practical) is a 6 hours practical exam built to exacting specifications by subject matter experts in the EH field. Professionals that possess the CEHv10 credential will be able to sit for exam that will test their limits in unearthing vulnerabilities across major operating systems, databases, and networks. To those who meet and exceed the skills level set, they will earn the new industry required certification – the CEHv10 (Practical) certification. Professionals that possess the C|EH credential will be able to sit for exam that will test them to their limits in unearthing vulnerabilities across major operating systems, databases, and networks.

You will be given limited time, just like in the real world. The exam was developed by a panel of experienced SMEs and includes 20 real-life scenarios with questions designed to validate essential skills required in the ethical hacking domains as outlined in the CEHv10 program.

It is not a simulated exam but rather, it mimics a real corporate network through the use of live virtual machines, networks, and applications, designed to test your skills. You will be presented with scenarios and will be asked to demonstrate the application of the knowledge acquired in the CEHv10 course to find solutions to real-life challenges.

Exam Eligibility:

- Be a CEH member in good standing
- or Have a minimum of 3 years working experience in InfoSec domain
- or Have any other industry equivalent certifications

CEHv10 (Practical) is available fully proctored, online, with remote facilities globally. The combined benefit of a practical exam that is fully proctored anywhere in the world will provide individuals with a skills-validated and trusted credentials.

CEHv10 (iLabs)

Delegates will dynamically access a host of Virtual Machines preconfigured with vulnerabilities, exploits, tools, and scripts from anywhere with an internet connection. This is a cloud based subscription service from EC-Council designed to deliver serious hands on practice for the information security professional.

The cloud portal enables a course participant to launch an entire range of target machines and access them remotely with just a few clicks. It is the most cost effective, easy to use, live range lab solution available globally today. This product consists of 6 months access to EC-Council virtual lab environment for CEHv10.

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

Plus;

- Post course access to EC Council CEHv10 (iLabs) to prepare you for the CEHv10 (ANSI) exam and the CEHv10 (Practical) exam
- Exam Vouchers for both CEHv10 (ANSI) exam and the CEHv10 (Practical) exam