

Certified Ethical Hacker - CEH v9

Course Code: CEHv9

Duration : 5 Days

Course Description

The Certified Ethical Hacker (CEH) program is the core of the most desired information security training system any information security professional will ever want to be in. The CEH, is the first part of a 3 part EC-Council Information Security Track which helps you master hacking technologies. You will become a hacker, but an ethical one!

As the security mindset in any organization must not be limited to the silos of a certain vendor, technologies or pieces of equipment,

This course was designed to provide you with the tools and techniques used by hackers and information security professionals alike to break into an organization. As we put it, “To beat a hacker, you need to think like a hacker”. This course will immerse you into the Hacker Mindset so that you will be able to defend against future attacks. It puts you in the driver’s seat of a hands-on environment with a systematic ethical hacking process.

Here, you will be exposed to an entirely different way of achieving optimal information security posture in their organization; by hacking it! You will scan, test, hack and secure your own systems. You will be thought the Five Phases of Ethical Hacking and thought how you can approach your target and succeed at breaking in every time! The five phases include 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 to help you identify when an attack has been used against your own targets. Why then is this training called the Certified Ethical Hacker Course? This is because by using the same techniques as the bad guys, you can assess the security posture of an organization with the same approach these malicious hackers use, identify weaknesses and fix the problems before they are identified by the enemy, causing what could potentially be a catastrophic damage to your respective organization.

Throughout the CEH course, you will be immersed in a hacker's mindset, evaluating not just logical, but physical security

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What is New in the CEH V9?

This is the worlds most advanced ethical hacking course with 18 of the most current security domains any ethical hacker will ever want to know when they are planning to beef up the information security posture of their organization. In 18 comprehensive modules, the course covers over 270 attack technologies, commonly used by hackers.

The CEH v9 contains over 140 labs which mimic real time scenarios in the course to help you “live” through an attack as if it were real and provide you with access to over 2200 commonly used hacking tools to immerse you into the hacker world.

As “a picture tells a thousand words”, the developers of the CEH v9 have all this and more for you in over 2200 graphically rich, specially designed slides to help you grasp complex security concepts in depth which will be presented to you in 5 day hands on class by our Certified Instructor.

The goal of this course is to help you master an ethical hacking methodology that can be used in a penetration testing or ethical hacking situation. You walk out the door with ethical hacking skills that are highly in demand, as well as the globally recognized Certified Ethical Hacker certification! This course prepares you for EC-Council Certified Ethical Hacker exam 312-50.

In short, you walk out the door with hacking skills that are highly in demand, as well as the internationally recognized Certified Ethical Hacker certification!

Prerequisites

- Strong knowledge of TCP/IP
- Information systems and security background
- Minimum of 12 months of experience in networking technologies

Who would benefit

- Security Officers
- Auditors
- Network Administrators
- Firewall Administrators

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- Security Professionals
- Anyone who is concerned about the integrity of the network infrastructure

Course Outline

1. Introduction to Ethical Hacking
2. Foot printing and Reconnaissance
3. Scanning Networks
4. Enumeration
5. System Hacking
6. Malware Threats
7. Sniffing
8. Social Engineering
9. Denial of Service
10. Session Hijacking
11. Hacking Web Servers
12. Hacking Web Applications
13. SQL Injection
14. Hacking Wireless Networks
15. Hacking Mobile Platforms
16. Evading IDS, Firewalls, and Honeypots
17. Cloud Computing
18. Cryptography