EC-Council
Certified Ethical Hacker
(CEH) Version 11

CEH
Certified Ethical Hacker
V11

EC-Council
Accredited
Training Center

Certified Ethical Hacker (CEH) Version 11

A Certified Ethical Hacker is a specialist typically working in a red team environment, focused on attacking computer systems and gaining access to networks, applications, databases, and other critical data on secured systems. A CEH understands attack strategies, the use of creative attack vectors, and mimics the skills and creativity of malicious hackers. Unlike malicious hackers and actors, Certified Ethical Hackers operate with permission from the system owners and take all precautions to ensure the outcomes remain confidential. Bug bounty researchers are expert ethical hackers who use their attack skills to uncover vulnerabilities in the systems.

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.

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 and OT Hacking
Module 19 Cloud Computing
Module 20 Cryptography

Recommended Skills :

Networking
Linux
patching of ESXi, virtual machines, and vApps

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