

[CEH]: Certified Ethical Hacker (CEHv9)

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

Course Overview

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 270 attack technologies, commonly used by hackers.

Real Life Scenario

Our security experts have designed 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”, our developers have all this and more for you in over 1685 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.

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

Audience Profile

The Certified Ethical Hacking training course will significantly benefit security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of the network infrastructure.

At Course Completion

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 internationally recognized Certified Ethical Hacker certification! This course prepares you for EC-Council Certified Ethical Hacker exam 312-50.

Certification

The Certified Ethical Hacker exam 312-50 may be taken on the last day of the training (optional). Students need to pass the online exam to receive CEH certification.

AVANTUS TRAINING PTE LTD

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Examination

Exam Title	Certified Ethical Hacker v9 (ANSI)
Number of Questions	125
Passing Score	70%
Test Duration	4 Hours
Test Format	Multiple Choice
Test Delivery	ECC EXAM, VUE
Exam Prefix	312-50 (ECC EXAM), 312-50 (VUE)

Course Outline

Module 1: Introduction to Ethical Hacking

Lessons

- Key issues plaguing the information security world, incident management process, and penetration testing

Module 2: Footprinting and Reconnaissance

Lessons

- Various types of footprinting, footprinting tools, and countermeasures

Module 3: Scanning Networks

Lessons

- Network scanning techniques and scanning countermeasures

Module 4: Enumeration

Lessons

- Enumeration techniques and enumeration countermeasures

Module 5: System Hacking

Lessons

- System hacking methodology, steganography, steganalysis attacks, and covering tracks

Module 6: Malware Threats

Lessons

- Different types of Trojans, Trojan analysis, and Trojan countermeasures
- Working of viruses, virus analysis, computer worms, malware analysis procedure, and countermeasures

Module 7: Sniffing

Lessons

- Packet sniffing techniques and how to defend against sniffing

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Module 8: Social Engineering

Lessons

- Social Engineering techniques, identify theft, and social engineering countermeasures

Module 9: Denial-of-Service

Lessons

- DoS/DDoS attack techniques, botnets, DDoS attack tools, and DoS/DDoS countermeasures

Module 10: Session Hijacking

Lessons

- Session hijacking techniques and countermeasures

Module 11: Hacking Webservers

Lessons

- Different types of webserver attacks, attack methodology, and countermeasures

Module 12: Hacking Web Applications

Lessons

- Different types of web application attacks, web application hacking methodology, and countermeasures

Module 13: SQL Injection

Lessons

- SQL injection attacks and injection detection tools

Module 14: Hacking Wireless Networks

Lessons

- Wireless Encryption, wireless hacking methodology, wireless hacking tools, and wi-fi security tools

Module 15: Hacking Mobile Platforms

Lessons

- Mobile platform attack vector, android vulnerabilities, jailbreaking iOS, windows phone 8 vulnerabilities, mobile security guidelines, and tools

Module 16: Evading IDS, Firewalls, and Honeypots

Lessons

- Firewall, IDS and honeypot evasion techniques, evasion tools, and countermeasures

Module 17: Cloud Computing

Lessons

- Various cloud computing concepts, threats, attacks, and security techniques and tools

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Module 18: Cryptography

Lessons

- Different types of cryptography ciphers, Public Key Infrastructure (PKI), cryptography attacks, and cryptanalysis tools

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