C|EH

Certified   Ethical   Hacker

C|EH v13
Powered by AI Capabilities

Hacker are here. **Where are you ?**

The Ultimate
Ethical Hacking Certification

CEH v13 AI
Certified Ethical Hacker

COURSE MODULES

Get the AI edge with
20 Power-packed
Modules of the CEH v13

CRAW
Security

Introduction to Ethical Hacking

01 In this module we will learn about Information security, types of hackers, types of testing, CIA triat, Security Standards, Deep web and Dark web, and will finish up the lab setup for upcomming modules.

Footprinting and Reconnaissance

02 In this particular module we will collect Open/public information about the target throuth Whois records, DNS Records, Google Dorks, Github tools, Maltego. We will be purly focused on Open Source Information Gathering techniques through OSINT (Opensource Inteligence) Tools.

Scanning Networks

03 In this module we will Collect information about Network like, active machines, active services, Operating Systems, and we cover tools like Nmap, Hping3, angryip-scanner, MSF, etc.

Enumeration

04 After collecting information about Active Machines in the network, we will test each and every service like FTP, SSH, Telnet, HTTP, VNC, etc. as per its security posture.

Vulnerability Analysis

05 In this module, we will use excellent Vulnerability scanners like Acunetix, Nessus, Qualys, Crashtest, Nikto, MSF-Pro, Nmap, etc. In this module we'll use these tools to test Network Services.

System Hacking

06 In this module, we will learn cracking Password techniques for windows as well as Linux, Buffer Overflow, Privilage Escalation techniques, and we will learn techniques to clear our footprints/logs from the system.

Malware Threats

07 In this module, we will learn about different types of malwares like Trojans, VIRUS, Worms, Malwares, Rootkits, RAT's, Ransomwares. and we learn how they are created and can be used to access Victim Device and how they can be used for Backdoors. We also learn techniques to prevent our system or network from these malwares.

Sniffing

08 In this module, we will cover-up attack for network services like ARP, DHCP, MAC Flooding, etc and how to Analyse network traffic to detect intrusions and how to Analyse to extract juicy information like Username/password using some Sniffing tools like Wireshark, Ettercap, Bettercap, Xerosploit, etc.

Social Engineering

09 In this module, we will cover techniqes different social engineering attacks like Phishing Emails, Smishing, Phishing web-pages, Mirroring websites, etc. we will also learn preventive measures for these Social Engineering Attacks.

Denial-of-Service

10 In this module, we will learn about DoS/DDoS, different types of Dos/DDoS, different tools & techniques used for Dos/DDos. we will also learn perventive measures for DoS/DDoS.

Course Description

The CEH v13 is a specialized, one-of-a-kind training program that helps you gain expertise in ethical hacking,AI, and machine learning. With hands-on training labs, knowledge-based and practical exams, a mock ethical hacking engagement on live networks, and a global hacking competition, this program ensures you master the most in -demand skills needed to excel and stand out in the cybersecurity industry.

This learning framework offers not only a comprehensive training program to prepare you for the certification exam but also the industry's most robust, in-depth, hands-on lab and practice range experience.

Sample Ethical Hacking Certification

Session Hijacking

11 In this module, we will coverup Attacks related to Authentication and Sessions created after Login like Cookie stealing, Cookie replay, IDOR, Session fixation, etc. and how these attacks can be fixed.

12 Evading IDS, Firewalls & Honeypots

In this module, we will learn about the working architecture of Firewall, IDS/IPS. What are the different types of Firewall and IDS/IPS, how they work, how attacks are able to bypass those security checks, how to write your own Firewall and IDS/IPS rules. Then we start with Honeypots which are used to trap Hackers.

Hacking Web Servers

13 In this moudle, we will coverup direct attacks for web-server and what security an admin can apply to prevent direct attacks on web-server.

14 Hacking Web Applications

This module covers attacks related to website like OWASP Top 10 2017, OWASP Top 10 2021 and SANS 25. We will be using best in industry tools like Burp-Suite Professional, OWASP Zap, etc.

SQL Injection

15 This module covers different types of SQL Injection like Error Based, Union Based, Blind Based. we will test target website manually and then use automated tools like SQLmap, SQLNinja, etc.

16 Hacking Wireless Networks

This module covers different techniques used to attack wireless network authentication mecha- nisms used in WEP, WPA-1, WPA-2, and WPA-3 to gain access to any wireless network and a lot more.

Hacking Mobile Platforms

17 This module covers techniques used by attackers to gain access to android and IOS devices through malicious applications and Malwares. How to test mobile applications for authenticity and security.

18 IoT Hacking

This module covers attacks related to IOT (Internet of Things) and OT (Operational Technology) like your smart Watch, smart Televisions, Smart LED's, Smart Speakers, etc. This module covers firmware analysis techniques.

Cloud Computing

19 This module covers attacks and Use case for different Cloud Computing services like EC2 instances, S3 Bucktes, IAM Policies and a lot more.

20 Cryptography

This module covers security algorithms used to maintain CIA with help of different Encryption Ciphers, Hashing Algorithms, Digital Certificates, etc. This module also helps us understand trust chain followed by our Operating Systems and software.

CRAW
Security

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Craw Security's High-End CEHv13 AI Labs

BECOME
CERTIFIED ETHICAL HACKER
UNDER THE GUIDANCE OF

Mr Mohit Yadav

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📤 Key Outcomes

- Thorough introduction to ethical hacking
- Exposure to threat vectors and countermeasures
- Addresses emerging areas of IoT, cloud and mobile hacking
- Prepares you to combat Trojans, malware, backdoors, and more
- Enables you to hack using mobile

✏️ Exam Information

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

🏠 HEAD OFFICE ADDRESS

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