



EC-COUNCIL TRAINING

Certified Ethical Hacker v13 (CEH)

Master CEH v13 – learn how to think like a hacker to defeat threats. Includes 20 core domains enhanced with AI threat modeling and exploit techniques.

DURATION

40 hours (5 Days)

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

The world's #1 ethical hacking certification. CEH v13 incorporates AI-driven hacking methodologies, 20 comprehensive modules, and over 220 hands-on labs.

Duration	40 hours (5 Days)
Level	Intermediate
Vendor	EC-Council
Exam Code	312-50

COURSE CURRICULUM

01 Introduction to Ethical Hacking

- Information Security Controls
- Ethical Hacking Concepts
- Cyber Kill Chain & AI Hacking

02 Footprinting and Reconnaissance

- OSINT Techniques
- Search Engine Hacking
- WHOIS & DNS Footprinting

03 Scanning Networks

- Host Discovery
- Port & Service Scanning
- Nmap & Hping Strategies

04 Enumeration

- NetBIOS & SNMP Enumeration
- LDAP & SMB Enumeration
- SMTP & RPC Enumeration

05 Vulnerability Analysis

- Vulnerability Assessment Lifecycle
- Scanning Tools (Nessus, OpenVAS)
- Vulnerability Scoring (CVSS)

06 System Hacking

- Password Cracking & Escalation
- Buffer Overflow Concepts
- Hiding Files & Clearing Logs

07 Malware Threats

- Trojan & Ransomware Analysis
- Fileless Malware
- Antivirus Evasion

08 Sniffing

- MAC Flooding & ARP Poisoning
- Wireshark Packet Analysis
- DHCP Starvation

09 Social Engineering

- Phishing & Spear Phishing
- Credential Harvesting
- Insider Threats

10 Denial-of-Service

- DoS & DDoS Attack Vectors
- Botnets & Amplification Attacks
- DDoS Countermeasures

11 Session Hijacking

- Application & Network Session Hijacking
- Cookie Tampering
- Hijacking Countermeasures

12 Evading IDS, Firewalls, and Honeypots

- IDS Evasion Techniques
- Firewall Bypass
- Honeypot Detection

13 Hacking Web Servers

- Web Server Architecture
- Web Server Attacks
- Security Hardening

14 Hacking Web Applications

- OWASP Top 10
- XSS & CSRF Attacks
- Web API Security

15 SQL Injection

- SQLi Types & Blind SQLi
- SQLMap Exploitation
- Prepared Statements Defense

16 Hacking Wireless Networks

- WPA2/WPA3 Cracking
- Rogue Access Points
- Bluetooth Hacking

17 Hacking Mobile Platforms

- Android & iOS Exploitation
- Mobile App Reverse Engineering
- MDM Security

18 IoT and OT Hacking

- IoT Architecture & Vulnerabilities
- OT & SCADA Exploitation
- IoT Defenses

19 Cloud Computing

- Cloud Threat Vectors
- Container & Kubernetes Hacking
- Cloud IAM Misconfigurations

20 Cryptography

- Encryption Algorithms
- PKI & Digital Certificates
- Cryptanalysis

FREQUENTLY ASKED QUESTIONS

Q: What is the duration of the CEH v13 course?

CEH v13 is an intensive 40-hour course delivered over 5 days.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

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Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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