

SECUROZEN

2026 - 2027

CEH

CERTIFIED ETHICAL HACKER

The Certified Ethical Hacker (CEH) course is a globally recognized program that teaches ethical hacking techniques to identify and fix cybersecurity vulnerabilities using real-world hacker tools and methods.

Prepared By

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Program Description

The Certified Ethical Hacker (CEH) program is a globally recognized and industry-leading certification in the field of cybersecurity, offered by the EC-Council. This program is designed to train individuals in the art of ethical hacking – the practice of legally breaking into computers and networks to test and improve security. CEH provides in-depth knowledge of hacking tools, techniques, and methodologies used by malicious hackers, but teaches them from an ethical and defensive perspective. The goal is to equip cybersecurity professionals with the skills needed to proactively identify, assess, and fix security vulnerabilities in systems before attackers can exploit them.

What you'll learn

Possess a strong background knowledge of networking, telecommunications, web and computer systems.

- Hack into an organization's network/systems - with its permission - to assess weaknesses and vulnerabilities.
- Hands-On Hacking - Use tools like Metasploit, Nmap, and Burp Suite to break and fix systems.
- Have the ability to identify and crack multiple types of passwords, and effectively counter password attacks
- Understand the current security protocols for popular operating environments, e.g., Linux, Windows & Mac OS.
- Find & Fix Vulnerabilities - Secure websites, networks, and devices before the bad guys do.
- Understand cryptography & encryption techniques, and private/public key infrastructure
- Get Certified and Shine: Earn a globally recognized certification that puts you ahead in the cybersecurity world – your dream job is waiting!

Course Content

Module 1 : Introduction to Ethical Hacking

In this module, you'll learn about information security basics, types of hackers, the CIA triad, and common cyber threats. We'll also set up your lab environment for upcoming modules.

Module 2: Footprinting and Reconnaissance

This module focuses on collecting publicly available information about a target using tools like Whois, DNS lookups, Google Dorks, and Maltego through OSINT techniques.

Module 3 : Scanning Networks

You'll learn to identify active devices and services within a network using tools like Nmap, Angry IP Scanner, and Hping3.

Module 4 : Enumeration

Once scanning is done, you'll dive deeper to extract system details like usernames and shares from services such as FTP, SSH, and HTTP.

Module 5 : Vulnerability Analysis

We'll use tools like Acunetix, Nessus, and Nikto to scan systems for weaknesses and understand how to assess vulnerabilities in a network.

Module 6 : System Hacking

This module teaches password cracking techniques, buffer overflow concepts, and methods to gain access and cover your tracks on a system.

Module 7 : Malware Threats

You'll learn about common malware types like trojans, viruses, worms, and ransomware, along with how attackers create and use them for access.

Course Content

Module 8 : Sniffing

We'll cover network sniffing attacks like ARP poisoning and MAC flooding, using tools like Wireshark and Bettercap to capture sensitive data.

Module 9: Social Engineering

Learn about human-based hacking techniques such as phishing, fake login pages, and social manipulation, along with basic defenses.

Module 10 : Denial-of-Service (DoS)

Understand what DoS/DDoS attacks are, how they overwhelm systems or websites, and explore basic tools and ways to prevent such attacks.

Module 11 : Session Hijacking

This module teaches how attackers take over active sessions using techniques like session ID theft, fixation, and replay attacks—and how to prevent them.

Module 12 : Evading IDS, Firewalls, and Honeypots

You'll explore how hackers bypass security systems using methods like tunneling, encryption, and fragmentation, and how to detect such evasion.

Module 13 : Hacking Web Servers

Understand how web servers like Apache and IIS are attacked through techniques such as directory traversal and brute force, and how to secure them.

Module 14 : Hacking Web Applications

This module covers web-based attacks including SQL Injection, XSS, and CSRF based on the OWASP Top 10 vulnerabilities list.

Course Content

Module 15 : SQL Injection

You'll learn how attackers use SQL queries to manipulate databases, steal data, or bypass logins, and how to defend against such threats.

Module 16: Hacking Wireless Networks

Understand how Wi-Fi networks are attacked using methods like WPA2 cracking, rogue access points, and Evil Twin attacks.

Module 17 : Hacking Mobile Platforms

This module explores how Android and iOS devices are targeted using malicious apps and tools to gain unauthorized access.

Module 18 : IoT Hacking

Learn about vulnerabilities in smart devices like smart TVs, cameras, and speakers—and how attackers exploit them using specialized tools.

Module 19 : Cloud Computing

We'll cover common cloud platform threats like misconfigured storage (e.g., S3 buckets), IAM role abuse, and data exposure.

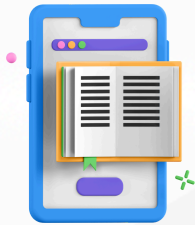
Module 20 : Cryptography

You'll understand basic encryption, hashing, and digital certificates—and how cryptographic weaknesses can lead to security breaches.

What You Will Get

LIVE

This is fully **Live Training** where the training duration is **2-3 Months** with expert guidance throughout the course.



E-Books

Free access to essential cybersecurity and hacking e-books for extra learning and practice.

REC

Get access to all **recorded** sessions after the live classes for easy revision anytime.



Access to all professional **hacking tools** and software needed during the training.



24x7 direct **call support** to solve your queries and assist you throughout the course.



Certification

Receive a Certified Ethical Hacker (CEH) course completion certificate after successfully finishing the training.

Career Opportunities

Become a Certified Ethical Hacker

Get recognized as a CEH and stand out in the cybersecurity industry.

Top Companies Want You

Join leading MNCs like Google, TCS, Wipro, Infosys and more.

Work with Government Agencies

Help solve cyber crimes and support digital security operations.

Attractive Salary Packages

Average salary in cybersecurity is around ₹10.2 LPA in India.

Earn from Global Bug Bounty Programs

Hackers earn millions by reporting bugs to companies worldwide.

Global Recognition

Get recognized worldwide with strong online credibility.

Be a Digital Star

Become the expert who can ethically hack websites, apps, and systems.

Why Choose Secura?

- **Industry-Recognized Training:**

Get trained with the latest ethical hacking techniques aligned with top cybersecurity standards.

- **Practical, Hands-On Learning:**

Focus 80% on real-world ethical hacking, penetration testing, and live cyber labs.

- **Experienced Trainers:**

Learn directly from certified ethical hackers and cybersecurity experts with real-world experience.

- **Career Support Beyond Training:**

Receive full guidance for interviews, resume building, internships, and career placements.

- **Affordable & Flexible Learning:**

Learn from anywhere with flexible payment plans and online classes designed for your convenience.

- **Free Access to Premium Tools:**

Get hands-on with industry-grade hacking and cybersecurity tools during and after training.

- **Personalized Mentorship:**

Benefit from one-on-one mentorship and direct feedback to fast-track your cybersecurity skills.

- **Globally Recognized Certification:**

Earn a Secura CEH Certification that adds weight to your resume and opens global career opportunities.

- **Networking & Job Opportunities:**

Connect with a growing community of hackers, attend networking events, and grab internship/job offers.

- **Real-Time Threat Training:**

Stay updated with live cyber threat analysis and learn how to defend against modern attacks.

Contact Us

For Further Information



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Be the
Hacker with
Purpose

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