SysCloudeTech
Empowering Future with Tech

Certified Ethical Hacker (CEH v11)

Introduction

CEH is the leading ethical hacking training and certification program in cybersecurity. Students audit a system for weaknesses and vulnerabilities using the same tools and exploits as malicious hackers, but under proper legal circumstances and in the best interest of assessing the security posture of a target system and organization. It teaches how hackers think and act maliciously so you can learn to better position your organization's security infrastructure and defend against future attacks.

Key Outcomes

- A 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

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 Hacking
Module 19: Cloud Computing
Module 20: Cryptography

Prerequisites

Knowledge of networking and operating systems

Target Audience

- Information Security Analyst/Administrator
- Information Assurance (IA) Security Officer
- Information Security Manager/Specialist
- Information Systems Security Engineer/Manager
- Information Security Professionals/Officers
- Information Security/IT Auditors

- Risk/Threat/Vulnerability Analyst
- System Administrators
- Network Administrators and Engineers

Duration

40 hours training course