CYBER A1

ETHICAL HACKING

Certification | Hands-on Exposure

Research Project | LiveTasks

45 + Hour Training
Currently Online

Who is this Training For?

- For individuals who wants to pursue their career in cybersecurity and gain professional hands on experience of the industry needs.

- This program is specially designed for beginner as well as intermediate cyber security enthusiast.

- This Training- is for individuals, who wants to learn and explore real world Ethical Hacking skills.

- This is not just a certification course, but also a Training-Internship program which will help you transfer skills to CEH, Security+, OSCP, and other hands-on certifications.

Description

CyberSecurity, one of the fastest-growing and highest-paying careers, with over 1 Million cybersecurity job openings available this year. This Ethical -Training is packed with real- world practical examples guided by Industry professionals. It also includes Live Practical, Research Project & Challenges.

which will be mentored by experts at CYBER A1 Security.
Working on Live Projects will help you sharpen your skills.
After the completion of this Ethical Hacking Training you will be capable enough to pursue a career in the field of Cyber Security.

Prerequisites

- Basic IT Skills

- No Linux, programming or hacking knowledge required.

- Computer with a minimum of 4GB ram/memory.

- Operating System: Windows / OS X / Linux.

- For WiFi cracking Wireless adapter that supports monitor mode (more info provided in the course).

What does this Ethical Hacking-Training include?

Module 1:

- Introduction:
  - What is Ethical Hacking
  - What are the different types of hackers
  - Five phases of hacking
  - Scope of Ethical Hacking
- Brush up Linux (Optional)
- Brush up networking (Optional)

Module 2:

- Information Gathering:
  - Passive Information Gathering
  - Active Information Gathering
  - Five phases of hacking
  - Scope of Ethical Hacking
- Brush up Linux (Optional)
- Brush up networking (Optional)

Module 3:

- Scanning
- Theory Behind Scanning
- Netdiscover
- Nmap
  - Nmap Basics
  - nmap scan Techniques
  - Nmap Port Specification
  - Nmap Service and Version Detection
  - Nmap OS Detection
  - Nmap Scripting Engine
  - Nmap Output
  - etc..
- Nessus

What does this Ethical Hacking-Training include?

Module 4:

- System Hacking:

  - Introduction to Metasploit Framework
  - Exploit MS17-010 Vulnerability
  - Reverse TCP Connection

Module 5:

- System Hacking (Cont.):

  - Privilege escalation using post exploit bypass uac and getsystem
  - Reverse connection in different network using port forwarding
  - Android hacking using reverse TCP connection

Module 6:

- System Hacking (Cont)
  - Show software based vulnerabilities (Badblue/iceblaster)

Module 7:

- sniffing using Wireshark
- Man In the Middle Attack using the concept of ARP poisoning

Module 8:

- Cryptography
  - Symmetric Encryption Algorithm
  - Asymmetric Encryption Algorithm
  - Hash Algorithm
- Steganography

What does this Ethical Hacking-Training include?

Module 9:

Wireless Attacks
- Explain Wifi attacks (Deauth packets)
- Explain Wifi 4 way handshake
- Explain the attack scenario and procedure
- Explain fake access point attacks

Module 10:

- Website Attacks
    - Explain sql injection attacks
    - Explain different kinds of sql injection attacks
        - error based
        - boolean based
        - union based
        - Mention: blind/time based
- Prevention

Module 11:

- Website Attacks (cont)
    - Explain CSRF attacks and prevention
    - Explain cookie stealing, session hijacking
    - Show a login brute force example
    - Talk about how to prevent such attacks

Module 12:

- Website Attacks (cont)
    - Show data tampering attacks
    - Fishing Attack
    - File upload vulnerability

What does this Ethical Hacking-Training include?

Module 13:

- IOT Hacking
  - Explain various attack vectors in IOT hacking

Module 14:

- IDS
- IPS

Module 15 (BONUS):

- Wifi Jamming
- CTF SOLVING
- LIVE PROJECT
- INTERNSHIP OPPORTUNITY
- JOB GUIDANCE

ALL TOPIC PRACTICAL BASE ON LIVE TARGET

What is the career path after doing this course?

The top organizations like such as Infosys, Wipro, TCS, Tech Mahindra, IBM etc. are seeking good ethical hackers. The profiles that are on offer include Security Executive, Web Security Manager/Administrator, Network Security Administrator, Network Security Systems Manager and much more.

What is the next step after Ethical Hacking?

The courses are Advance Ethical Hacking or Penetration Testing, Cyber A1 Internship which can be followed after this course.

Online Interactive Classroom with dedicated Faculty

The course fee is Rs.18,500/- for classroom
- Rs.14,500/- for online

LIMITED TIME OFFER

Secure The Digital