Cyber Hunterz
Art of Being Secure

Penetration Testing

Learn Ethical hacking and Cyber Security with real time hands-on practical on live targets in guidance of most experienced and certified mentors of Cyber Hunterz

www.cyberhunterz.com

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Details for Penetration Testing:

Overview

In this course, students will learn multiple attacking techniques to find out vulnerabilities and how to exploit them. Like: Scanning, Wi-Fi Hacking, Website Hacking, Mobile Hacking, etc. participants learn to use Kali Linux.

Pre-Requisites

Students should already be familiar with any operating system (Like: Windows OR Linux).

Who We Are?

Cyber Siksha is India's most credible sources of real time trainings in Cyber security domain, providing wold class practical knowledge to individuals and corporate professionals around the globe. We have brilliant mentors with real time industry exposure, training from years and helping students achieving excellence with their sheer determination

Why Choose Cyber Hunterz?

Cyber Hunterz is completely specialised to Cyber Security domain only, which is our USP.All our trainings are delivered withreal time Practical which makes you ready to complete the actual job, not just a theoretical syllabus with some tool-based approach. All our trainers are highly experienced and certified practitioners. The course material is intelligently designed with most recent requirement of the industry and updated timely with new concept.

Training with experts

Not just a theoretical syllabus.We emphasis more on real time hands-on experience about the concept taught.

Training beyond syllabus is the factor which we deliver as an additional perk as all trainers possess good knowledge and experience to share as open book

Strong grasp of methodology behind a concept rather than teaching just tools and techniquet

Skill assessment and improvement plan for every course we offer to makestudent a true professional

Features:

- Penetration Testing Toolkit
- 24x7 Online Classes Available
- Penetration Testing Certificate
- Interview Preparation
- 1 Year Membership
- Training by experienced trainers
- Live hacking
- Checkpoint based training
- Class recording
- 24x7 Support

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Penetration Testing. Course Content:

Module 01 > Introduction to penetration testing

- Phases of penetration testing
- Various Types of Penetration Testing
- Building a lab for Penetration Testing
- Penetration Testing Check Lists (Very Important)

Module 02 > Scoping your penetration testing

- Latest reconnaissance tool
- Online tools
- Google advance search

Module 03 > Network and web application scanning techniques

- What is Scanning?
- Types and technique of scanning
- What are the Best Tool sets for Scanning- Network Scanning Tool
- What are the Best Tool sets for Scanning- Web Application Scanning Tool
- Nmap Scripting Engine (Using them in your Pentest)
- Nmap : Version Scanning/ OS Scanning/ Services Scanning
- Finding Vulnerability in Network : GFI / Nessus/acunitix
- Network monitoring using wireshark, cain & abel and ettercap

Module 04 > Advance social engineering offensive methodology and email security

- Fake mail analysis
- Impersonation using phishing
- Analysis of phishing

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Module 05 > In-depth password attacks

- Generation your own wordlist using crunch
- Attacking Passwords using word-list and Brute force
- Retrieving and Manipulating Hashes from Windows, Linux, and Other Systems
- Automated Password Guessing with John the ripper
- Using Rainbow Tables to Maximum Effectiveness

Module 06 > System & network exploitation

- Physical threats of getting unauthorized access to unsecured system
  - Password cracking
  - Backdoor creation
  - Authentication bypass
- Introduction to metasploit framework
- Hands on for cracking vulnerable system using metasploit
- Using Nc as a backdoor
- Windows Hidden Commands
- Generating malicious payload and antivirus evading techniques for getting remote access of mobile and desktop

Module 07 > Wireless and browser exploitation

- Tools for WPS cracking
- Manual methodology for cracking WPA/WPA2
- Cracking with evil twin
- Introduction to beef-xxs framework

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Module 08 > Web application penetration testing

- Finding and Exploiting Cross-Site Scripting
- Cross-Site Request Forgery
- SQL Injection
- Leveraging SQL Injection to Perform Command Injection
- Maximizing Effectiveness of Command Injection Testing
- Web Application Exploitation Using w3af/Acunetix Burpsuite/Proxy application
- How to use Burp Suite?
- Capturing and replaying request and responses
- Various Modules in Burp like /sequencer/repeater/ Dir scanning/splitting response
- Source Code Disclosure attack
- Hidden form Field Exploitation Attacks

Module 09 > CTF of a vulnerable machine

Module 10 > Report generation best practices

Advance Networking Training Program

Weekday Classes	Weekend Classes	Delivery Method
Monday To Friday Duration: 2 to 3 Hours No. Of Classes: 60 hours 8:2 Practical Ratio	Saturday & Sunday Duration: 4 to 8 Hours Number Of Classes: 60 hours 8:2 Practical Ratio	Classroom Training Online Training Free Demo Class English/Hindi