Orange
Cyberdefense

orange™

SensePost Training

Tactical Hacking
Essentials

INTERMEDIATE LEVEL

Tactical
SENSEPOST TRAINING

Overview

This extremely hands-on course is designed to provide you with a complete overview and methodology to start a career in penetration testing. Our core methodologies are instilled throughout this course. You'll be taken on an immersive journey into the day-to-day tactical operations of a penetration tester.

The course starts off with fundamental security knowledge to provide you with a solid technical base to build upon. The attack model starts from an external perspective with the main objective of taking over an organisation. You'll be exposed to open-source intelligence gathering techniques, external and web application hacking skills and working your way into an organisation, ending with advanced internal network compromises and objective completion. Throughout the course you will gain actual attacker skills and knowledge to apply in real-world scenarios.

This course is highly practical and will provide you with tools and techniques to achieve objectives through the course in our immersive online lab environment.

Who should attend

This course is for anyone who wants to understand how to attack and defend organisational infrastructure. This course is also ideal for any security focused person looking to move into the penetration testing field.

Skills you'll learn

Attacker Methodology   Vulnerability Identification

Exploitation Techniques   Attacking Infrastructure

Training in a glance

8   core training modules

47   sub-modules and learning objectives

23   hands-on practicals

32   hours of training

Why our training is great

✓ Our training is provided by active penetration testers and security analyst

✓ Our training is hands-on with a course spilt of 40% theory and 60% practical

✓ We teach offensive methodologies to proactively enhance defensive thinking

✓ Each student gets their own lab environment during the course to practice real-world attacks

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Course Modules

1. History and Introduction
2. Fundamental Base
3. External Infrastructure Hacking
4. Web Application Hacking
5. Internal Infrastructure Hacking
6. Advanced Internal Hacking
7. Organisational Take Over
8. Conclusions and Future Learning

All modules contains several sub-modules and practical exercises.

The above provides a summarised course outline, full course outline available on request.

Key take-aways

Complete understanding of methodologies to conduct general penetration tests

A good understanding of the tools and techniques for attacking organisational networks and infrastructure

Fundamentals to continue a career in the security testing/ethical hacking field

Prerequisites

A strong familiarity with Linux command line usage and basic security concepts.
A base understanding of networks and technology is a must.

What you'll need

A laptop with a modern browser (Chrome or Firefox)

Zoom and/or Microsoft Teams installed

A Discord account

What you'll get

Access to our online class portal with lifetime access to the course resources and practical answer guides

Access to our realistic lab environment and attack network during the training

Value for your organisation

Understanding the potential risks associated to internal networks and infrastructure, and the threats your organization may be susceptible to.

Practical exposure to exploitation of common issues leading to faster identification and mitigation in organizational network administration and infrastructure management.