



# Learn Hard. Hack Harder!

Offensive Security Course Brochure

# Introduction.

## We are SensePost Training.

A team within Orange Cyberdefense focused on ethical hacking specialised in offensive tactics, learnings and research.

Our team has been delivering security related trainings all over the planet for the last two decades; teaching real-world adversarial and industry leading techniques, tactics, procedures and methodologies to thousands of delegates at world renowned conferences and events.

Our trainings are developed from the work we perform as penetration testers and red team members further supplemented by in-depth research. This allows our trainings to be relevant, real-world centric and effective.

We are proud to say our trainings are delivered by active security analysts, researchers and penetration testers and are aimed at teaching through hands-on practice.

Explore our training courses and packages and find the solutions that could benefit yourself, team or organisation.

Have fun, hack hard and make a difference.

## SensePost Training

# Mobile Application Hacking

BEGINNER TO INTERMEDIATE LEVEL



### Overview

Learn the essentials of mobile application security in this intensive two-day course. Designed by the creators of the renowned tool Objection, this hands-on training focuses on both iOS and Android platforms.

You'll learn to perform comprehensive mobile assessments using emulators, explore tools like Frida, and understand techniques for tampering, debugging, and bypassing security measures.

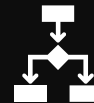
With 60% practical exercises, this course equips you with the skills to enhance mobile app security for you or your clients.

### Who should attend

People wanting to get started with penetration testing against mobile application including, developers or app designers looking to better understand how attacks work to better defend their solutions.

This is also very useful for managers of technical teams looking to up-skill in security.

### Skills you'll learn



Assess Mobile Apps



Configure Testing Labs



Bypass Security Controls



Find Vulnerabilities

### Training in a glance

**21** core training modules

**85** sub-modules and learning objectives

**17** hands-on practicals with multiple tasks

**16** 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 split 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. Introduction
2. Testing Devices
3. Android
  1. Background Theory
  2. Preparations
  3. Testing Network Communications
  4. Intercepting Proxies
  5. Frida
  6. Objection
  7. Tampering Techniques
  8. Testing Operations and Techniques
  9. Findings to Expect
4. iOS
  1. Background Theory
  2. Preparations
  3. Jailbreaks
  4. Objection
  5. Databases
  6. Certificate Pinning
  7. Findings to Expect
  8. Other Testing Techniques
5. Wrap-up

All modules contain several sub-modules and practical exercises.

### What you'll need

- A laptop with a modern browser (Chrome or Firefox)
- Zoom and/or Microsoft Teams installed
- A Discord account

### Key take-aways

Form a base understanding of the mobile application hacking industry

Build up a solid methodology and skill-set to assess and break mobile applications built for iOS and Android.

Understand the required testing environment and tools required to make mobile app hacking fun and exciting.

### Prerequisites

Basic experience working with the Linux command line will enhance your learning experience.

### What you'll get

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

Access to our realistic lab environment during the training

### Value for your organisation

Understand the potential risks associated with modern mobile application development and the threats your solutions may face.

Gain practical exposure to attack mobile applications, understand the risk they may be susceptible to and formulate a defensive approach to mobile app development.

# Contact.

## Reach out to train with us!

Contact our training team for more information or to setup a detailed discussion to learn more about our trainings.

Training packages are available on request.

SensePost Training:

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