Cyberdefense

Training Catalogue

Knowledge is power

HA 3.01 | Attacking Mobile Applications Android Edition

Overview

This mobile training (designed for mobile developers or security engineers) covers common vulnerabilities that can be discovered in Android mobile applications. The participants will discover the methodology, and the tools used to attack and exploit mobile applications as well as apply them in diverse lab scenarios. This includes reverse engineering vulnerable applications and crafting malicious applications that exploit security vulnerabilities.

Who should attend

- Developers
- Ethical hackers, incident responders

Skills you'll learn

- **Comfortable with command line (Linux)**
- **Some experience with reverse engineering**
- **A computer with SSH and RDP access**

Level 3

1 day

French or English

Course Modules

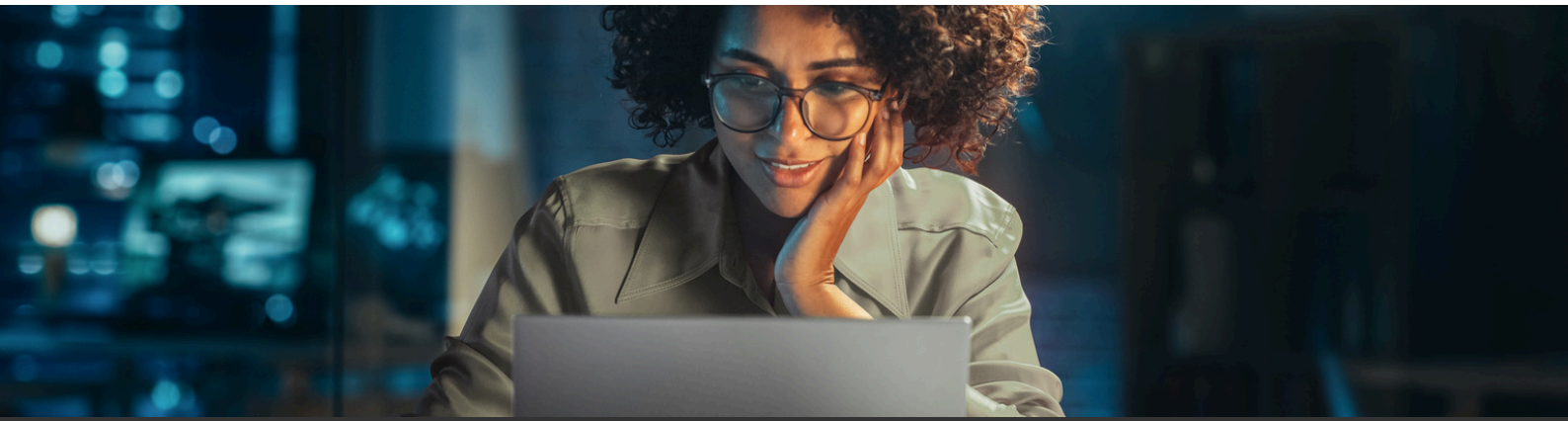
Module 01 – Android testing methodology

- Part 1: Creating an Android application testing environment
- Part 2: Attack surface and testing methodology

Module 02 – Exploiting vulnerabilities in Mobile Applications

- Part 1: High-level IPC issues.
- Part 2: Common permission issues.
- Part 3: Accessing Content providers.
- Part 4: Attacking Webviews.

Bonus 1: Memory corruptions bugs.



For more information check
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