Skills Assessment

You are a consultant from a private infosec firm, and have been contracted to conduct a full-scope penetration test for `MyBank`, a rapidly growing fintech startup known for its flashy app and lax security policies. The scope includes social engineering, physical intrusion, network assessment, and dynamic analysis of in-scope mobile applications.

During the physical assessment phase, one of your team members successfully accessed a back-office break room at a local MyBank branch. In a drawer next to the microwave, they discovered an unlocked Android device—allegedly belonging to a junior developer who uses the phone to test internal app builds. As the device falls within the scope of the engagement, a full forensic image of the file system was taken before the phone was returned to its drawer, completely untouched.

Currently, we know the following:

- `The phone contains multiple apps, some of which are unreleased or internal versions.`
- `One app is a note-taking utility, used by the developer for daily tasks and test data.`
- `Another is a banking application, assumed to be the current staging build of MyBank's own mobile platform.`

Your task is to simulate a real-world adversary who has gained access to internal applications via a compromised device. Using the dynamic analysis techniques covered earlier, analyze the provided apps to identify vulnerabilities, abuuse intended workflows, and explore the overall attack surface.

Connect to Pwnbox

Your own web-based Parrot Linux instance to play our labs.

Pwnbox Location

UK 32ms

Terminate Pwnbox to switch location

Start Instance

∞ / 1 spawns left

Waiting to start...

Enable step-by-step solutions for all questions

Questions

Cheat Sheet

Answer the question(s) below to complete this Section and earn cubes!

Target(s): Click here to spawn the target system!

+ 20 Enumerate and bypass any detection mechanisms in the apps, and try to exploit the "Premium mode" feature of the bank application.

Submit your answer here...

+10 Streak pts | Submit | skills_assessment.zip

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Cheat Sheet

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My Workstation

OFFLINE

Start Instance

∞ / 1 spawns left