TryHackMe Report: Intro to Offensive Security CTF

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Platform: TryHackMe

Room Name: Intro to Offensive Security

CTF Type: Learning-based, Beginner-friendly, Fake bank account hacking

🔍 Objective:

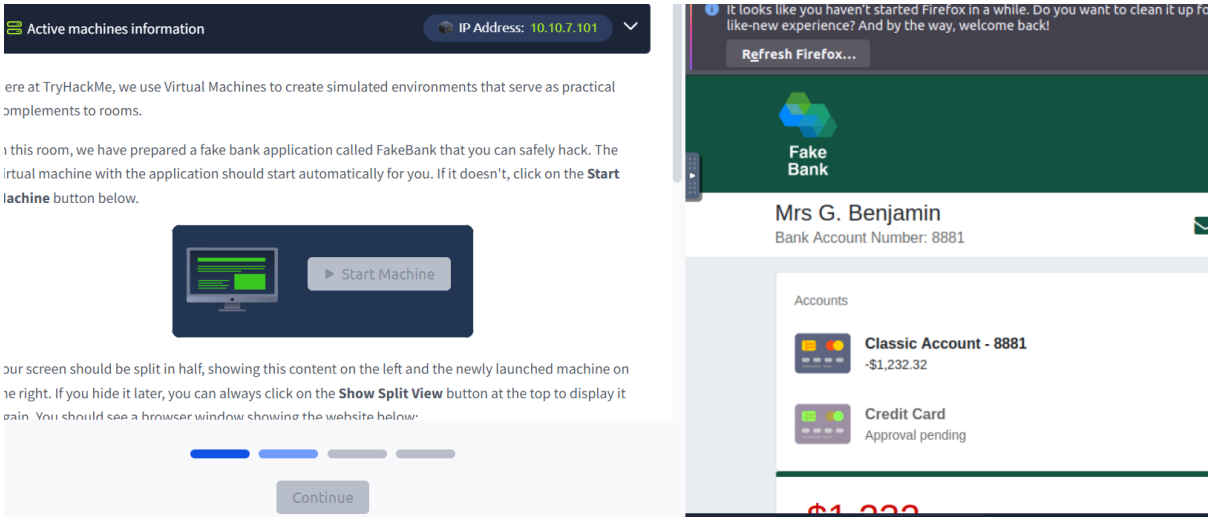
The goal of the "Intro to Offensive Security" CTF was to introduce participants to the basics of offensive security, ethical hacking principles, and key tools used by penetration testers. The room covers theoretical knowledge as well as hands-on tasks to simulate real-world scenarios.

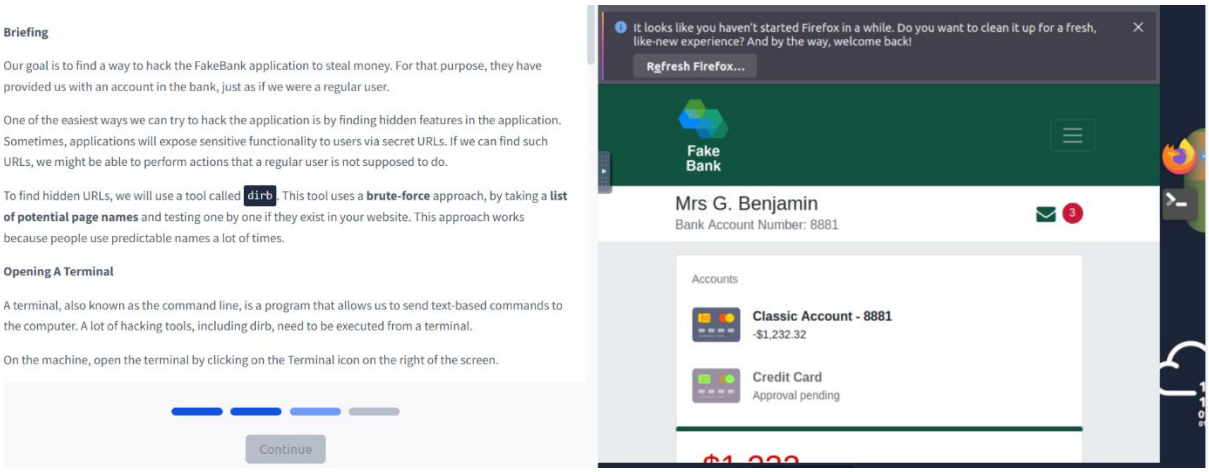
Skills and Tools Used

Reconnaissance – Scanning the target for open ports and services

Web Directory Enumeration – Finding hidden paths using dirb

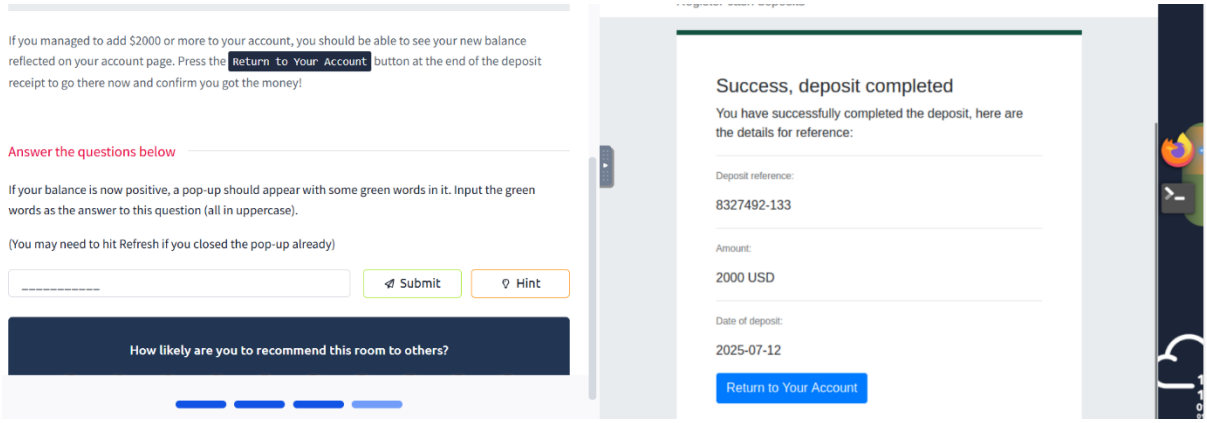
- nmap – Network scanner
- dirb – Web directory brute-forcing
- hydra – Login brute-force tool
- Web Browser – For manual inspection
- TryHackMe Attack Box – Cloud attack environment

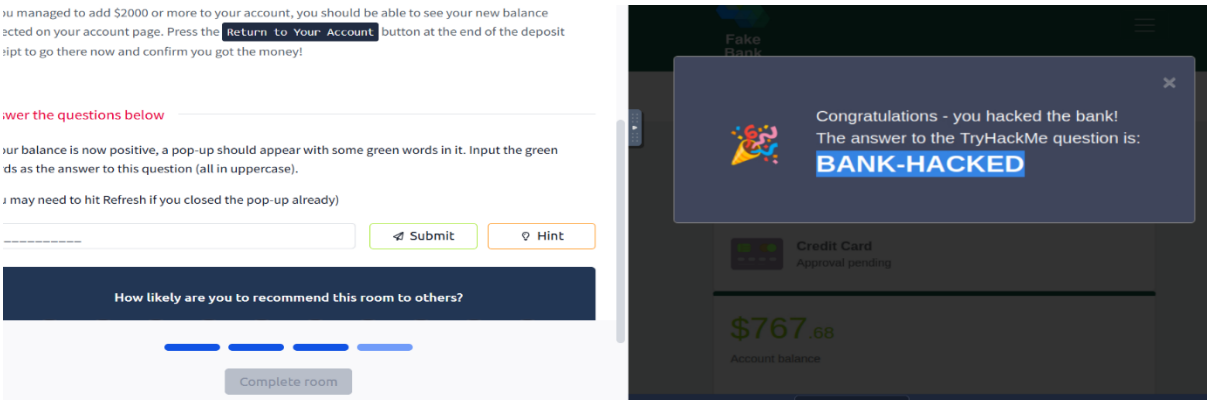


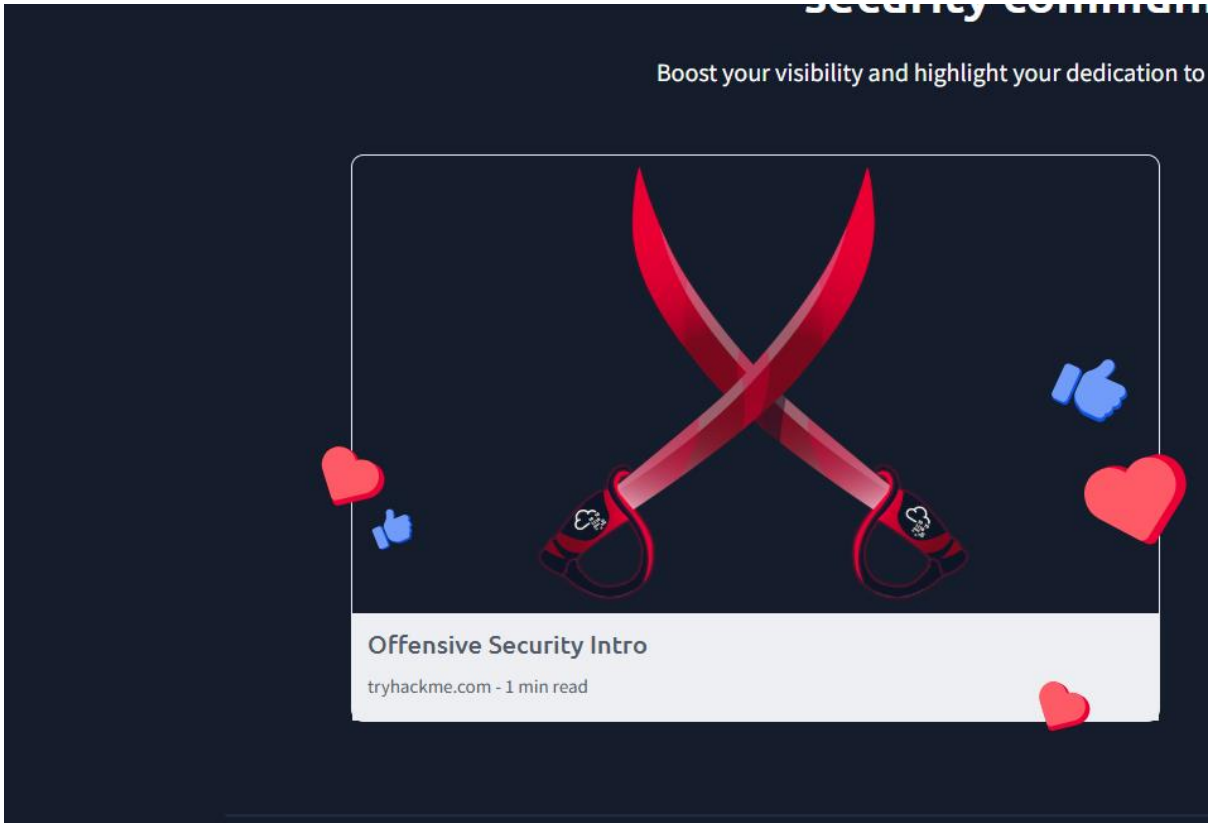


The output of the command might look a bit intimidating, but here's a simple breakdown of what is reported:

- The first section of the output tells us the URL_BASE we scanned, which is just the URL we gave the tool. It also shows the location of the wordlist file used by the tool, which contains common page names that will be tested during the brute-force attack. In this case, the tool uses the default wordlist included with the tool, located at `/usr/share/dirb/wordlists/common.txt`. There's a copy of the `common.txt` file in your desktop as well, if you want to explore it.
- The lines starting with a `+` sign are the results of the scan. In this case, dirb was able to find two URLs for you. Try opening them in the machine's browser! You might find something interesting.







Task 1: Discover Given URL

The first part of the challenge provided the initial URL of a fake bank application running on HTTP (http://[Target IP]/bank).
Exploring this URL led to a login page with user input fields.

◈ Task 2: Find the Hidden Second URL

Used **dirb** to enumerate hidden paths:

bash

Copyedit

dirb http://[Target IP] /usr/share/wordlists/dirb/common.txt

Result:

- Discovered a **second hidden URL** such as:
  http://[Target IP]/secure

This new URL revealed another protected section of the application that was not publicly linked.

◈ Task 3: Hack the Bank Account

I need to make sure that new balance is a positive number. If balance still shows negative value, need to transfer more money. Deposit money was $2000.

Finally completed that ctf room. Fake Bank account hacked.