

Offensive Security

Wednesday, July 9, 2025 5:48 PM

What is Offensive security?



"To outsmart a hacker, you need to think like one."

- Breaking into computer systems
- exploiting software bugs
- finding loopholes in application to gain unauthorized access

Goal=To understand hacker tactics and enhance our system defense.

- use a command-line application called "Gobuster"
- Brute-force fakebanks website to find hidden directories and pages.

Hacking your first machine

Step 1. Open Terminal

- allows us to interact with a computer without using a graphical user interface. On the machine, open the terminal by clicking on the Terminal icon on the right of the screen

Step 2. Use Gobuster to find hidden website pages

- Websites may have admin portal page giving their staff access to basic admin controls for day to day operations.
- type the following command into the terminal to find potentially hidden pages on the fakebanks website
 - `gobuster -u http://fakebank.thm -w wordlist.txt dir`
 - The command will run and show the results
 - -u
 - used to state the website we're scanning
 - -w
 - takes a list of words to iterate through to find hidden pages.

```
ubuntu@tryhackme:~/Desktop$ gobuster -u http://fakebank.thm -w wordlist.txt
dir

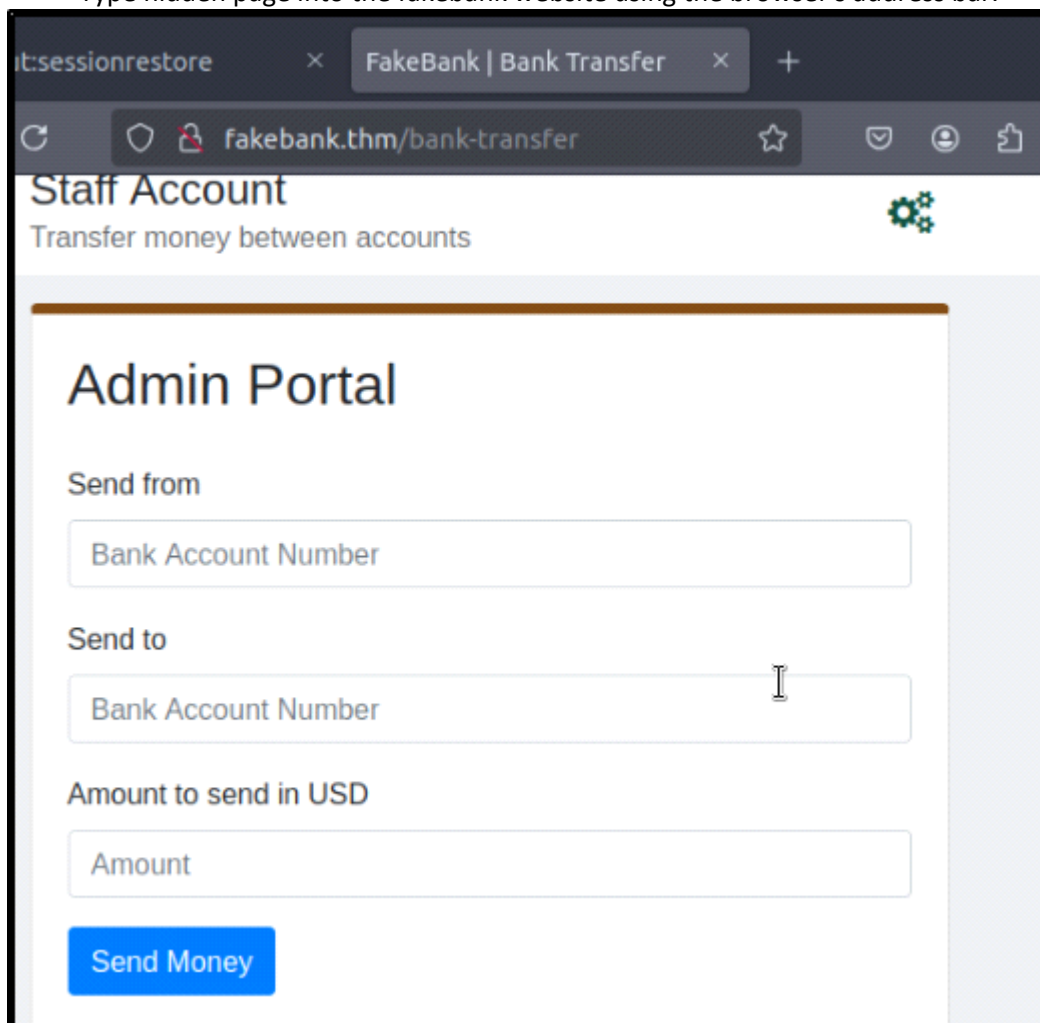
=====
Gobuster v2.0.1                OJ Reeves (@TheColonial)
=====
[+] Mode          : dir
[+] Url/Domain    : http://fakebank.thm/
[+] Threads      : 10
[+] Wordlist      : wordlist.txt
[+] Status codes  : 200,204,301,302,307,403
[+] Timeout      : 10s
```

```
ubuntu@tryhackme:~/Desktop$ gobuster -u http://fakebank.thm -w wordlist.txt
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=====
2025/07/09 22:02:03 Starting gobuster
=====
/images (Status: 301)
/bank-transfer (Status: 200)
=====
2025/07/09 22:02:15 Finished
=====
ubuntu@tryhackme:~/Desktop$
```

Step 3. Hack the Bank

- We found a secret transfer page that allows you to transfer money between bank accounts /bank-transfer.
- Type hidden page into the fakebank website using the browser's address bar.



Success, transfer completed

You have successfully completed the transfer, here are the details for reference:

Transfer reference:

123

Amount:

2000 USD

Date of transfer:

2025-07-09

[Return to Your Account](#)



Congratulations - you hacked the bank!
The answer to the TryHackMe question is
BANK-HACKED