BOUNTY HACKER

To access the challenge, click on the link given below:

https://tryhackme.com/room/cowboyhacker

SCANNING

I scanned the target using **nmap** and found 3 services running:

- FTP
- SSH
- HTTP

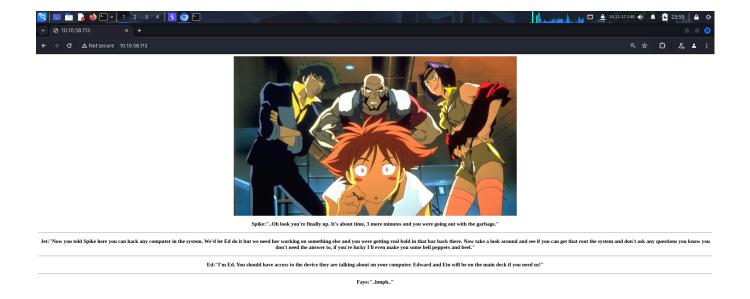
```
Ties Actions Edit View Help

Troot@kali. |-ftmm/bountyhacker | root@kali.-ftmm/bountyhacker |
```

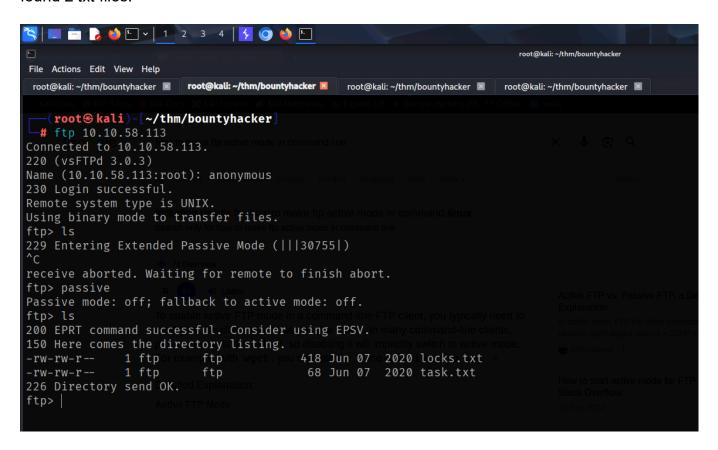
The default script scan also found that the FTP server allowed anonymous access.

FOOTHOLD

I visited the website and found potential usernames. Besides that, I found nothing special. Even directory and file fuzzing yielded no results.



I then moved onto FTP and logged in as an *anonymous* user. I then listed the contents and found 2 *txt* files.

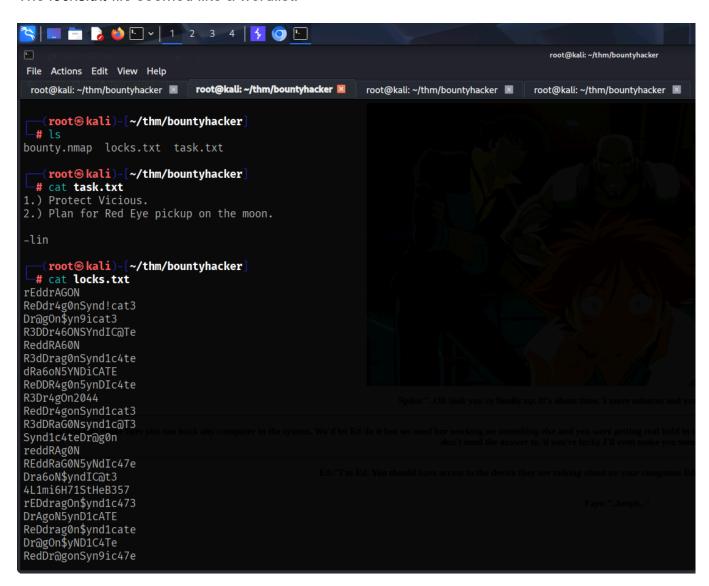


I downloaded both the files on my local system to view what's inside them.

The 'task.txt' file revealed 2 potential usernames:

- Vicious
- lin

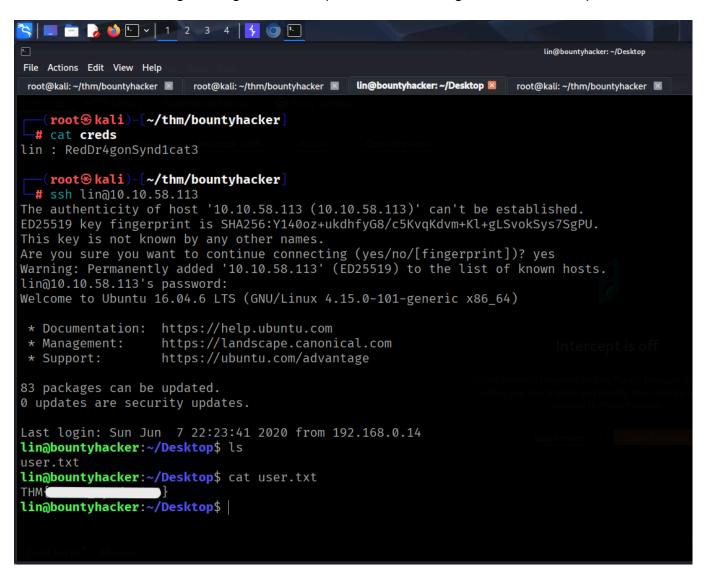
The *locks.txt* file seemed like a wordlist.



I then used **hydra** and found a valid **ssh** password from the 'locks.txt' wordlist for the user lin.

```
root@kali-/hhm/bountyhacker ro
```

I then accessed the target using **ssh** and captured the user flag from *lin*'s Desktop.



PRIVILEGE ESCALATION

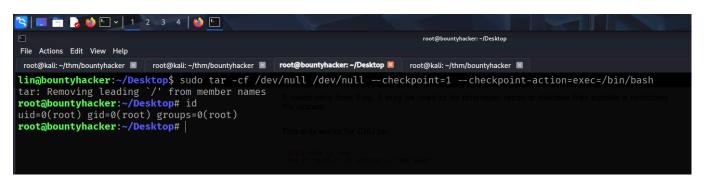
Since I had the password, I looked at *lin*'s **sudo** privileges. Here, I found *lin* was allowed to execute **tar** as root.

```
| Im@bountyhacker:~/Desktop | Im@bountyhacker: | I
```

I checked **GTFObins** to see if this binary could be directly exploited and found a way to spawn a **bash** shell.



I referred to the command in **GTFObins** to spawn a **bash** shell as *root*.



Finally, I captured the root flag from /root directory.



That's it from my side!
Until next time:)