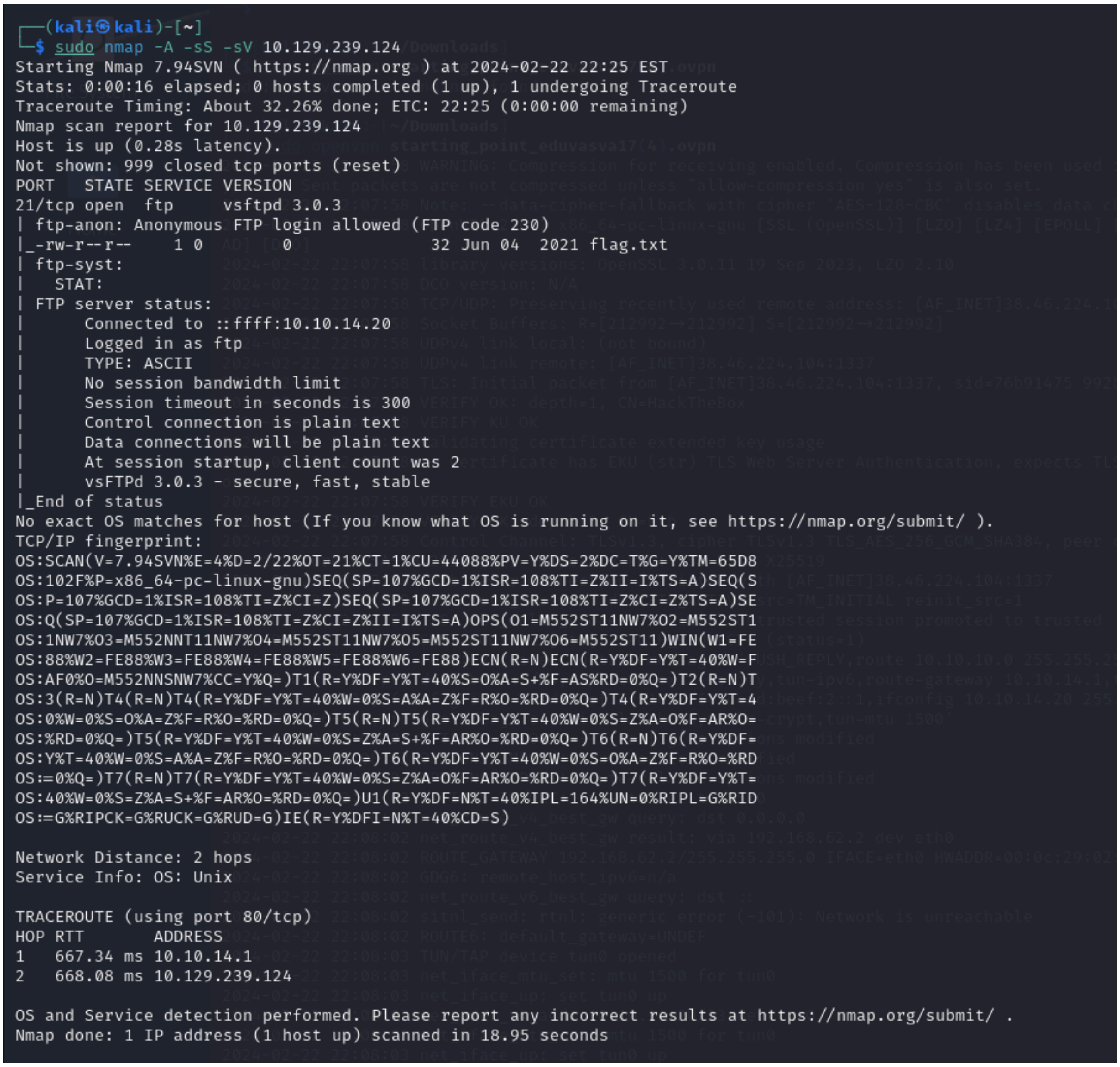
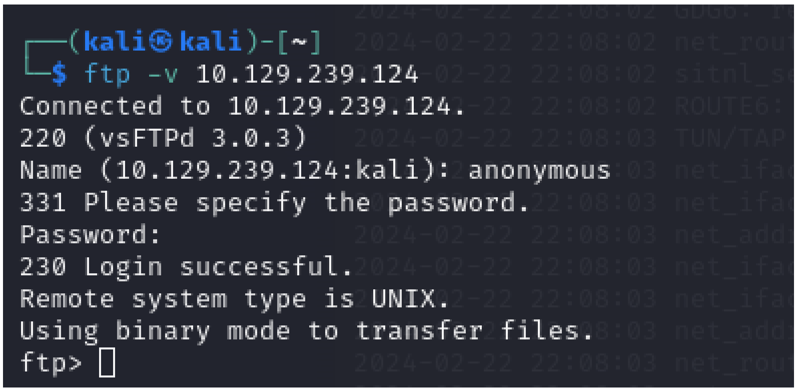
Realizamos el nmap a la máquina fawn



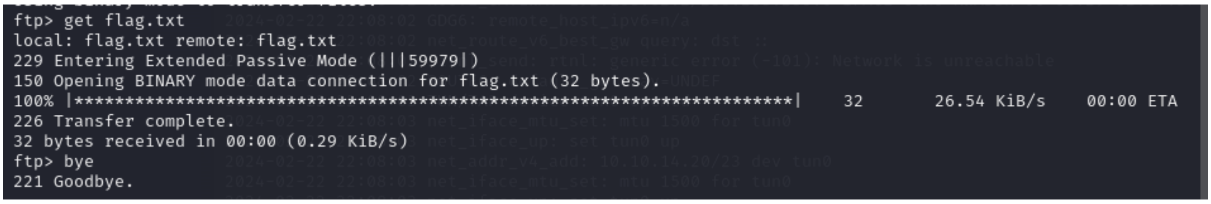
```
┌──(kali㉿kali)-[~]
└─$ sudo nmap -A -sS -sV 10.129.239.124
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-02-22 22:25 EST
Stats: 0:00:16 elapsed; 0 hosts completed (1 up), 1 undergoing Traceroute
Traceroute Timing: About 32.26% done; ETC: 22:25 (0:00:00 remaining)
Nmap scan report for 10.129.239.124
Host is up (0.28s latency).
Not shown: 999 closed tcp ports (reset)
PORT   STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 3.0.3
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_-rw-r--r--    1 0        0              32 Jun 04  2021 flag.txt
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to ::ffff:10.10.14.20
|      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
No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).
TCP/IP fingerprint:
OS:SCAN(V=7.94SVN%E=4%D=2/22%OT=21%CT=1%CU=44088%PV=Y%DS=2%DC=T%G=Y%TM=65D8
OS:102F%P=x86_64-pc-linux-gnu)SEQ(SP=107%GCD=1%ISR=108%TI=Z%II=I%TS=A)SEQ(S
OS:P=107%GCD=1%ISR=108%TI=Z%CI=Z)SEQ(SP=107%GCD=1%ISR=108%TI=Z%CI=Z%TS=A)SE
OS:Q(SP=107%GCD=1%ISR=108%TI=Z%CI=Z%II=I%TS=A)OPS(O1=M552ST11NW7%O2=M552ST1
OS:1NW7%O3=M552NNT11NW7%O4=M552ST11NW7%O5=M552ST11NW7%O6=M552ST11)WIN(W1=FE
OS:88%W2=FE88%W3=FE88%W4=FE88%W5=FE88%W6=FE88)ECN(R=N)ECN(R=Y%DF=Y%T=40%W=F
OS:AF0%O=M552NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y%T=40%S=O%A=S+%F=AS%RD=0%Q=)T2(R=N)T
OS:3(R=N)T4(R=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T4(R=Y%DF=Y%T=4
OS:0%W=0%S=O%A=Z%F=R%O=%RD=0%Q=)T5(R=N)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=O%F=AR%O=
OS:%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)T6(R=N)T6(R=Y%DF=
OS:Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T6(R=Y%DF=Y%T=40%W=0%S=O%A=Z%F=R%O=%RD
OS:=0%Q=)T7(R=N)T7(R=Y%DF=Y%T=40%W=0%S=Z%A=O%F=AR%O=%RD=0%Q=)T7(R=Y%DF=Y%T=
OS:40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIPL=G%RID
OS:=G%RIPCK=G%RUCK=G%RUD=G)IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 2 hops
Service Info: OS: Unix

TRACEROUTE (using port 80/tcp)
HOP RTT       ADDRESS
1   667.34 ms 10.10.14.1
2   668.08 ms 10.129.239.124

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 18.95 seconds
```

podemos ver el puerto 21 abierto y podemos intentar ingresar con el ftp usando el usuario anonymous y la contraseña anon123



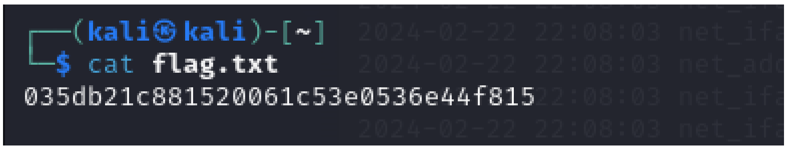
```
┌──(kali㉿kali)-[~]
└─$ ftp -v 10.129.239.124
Connected to 10.129.239.124.
220 (vsFTPd 3.0.3)
Name (10.129.239.124:kali): anonymous
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> 
```

Descargamos la bandera con el comando get flag.txt y salimos del ftp



```
ftp> get flag.txt
local: flag.txt remote: flag.txt
229 Entering Extended Passive Mode (|||59979|)
150 Opening BINARY mode data connection for flag.txt (32 bytes).
100% |*********************************************************************|    32       26.54 KiB/s    00:00 ETA
226 Transfer complete.
32 bytes received in 00:00 (0.29 KiB/s)
ftp> bye
221 Goodbye.
```

Ahora miramos cual es nuestra flag con el comando cat flag.txt



```
┌──(kali㉿kali)-[~]
└─$ cat flag.txt
035db21c881520061c53e0536e44f815
```

Las respuestas sobre la maquina en la pagina son:
File transfer protocol
21
SFTP
ping
vsFTPd 3.0.3
unix
ftp -h
anonymous
230
ls
get
035db21c881520061c53e0536e44f815