

Challenge Name: The Silent Listener — 100pts (Forensics)

Challenge

24 Solves


×

The Silent Listener

100

verified

You're connected to a simulated internal company network. Rumor has it that an intern accidentally left a sensitive data exposed.

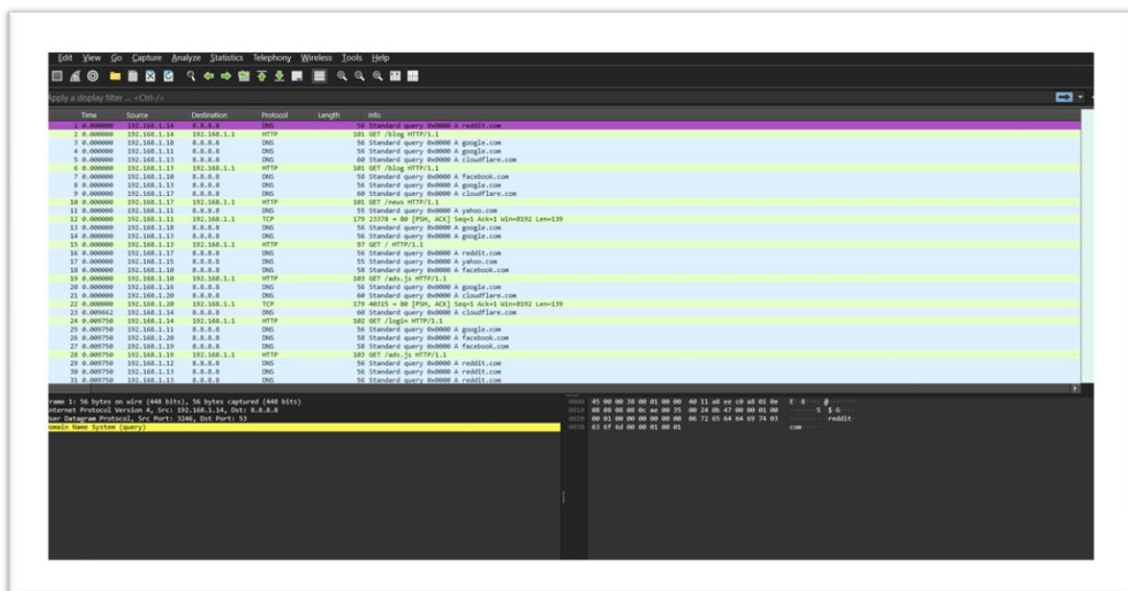
 Data.pcap

1/5 attempts

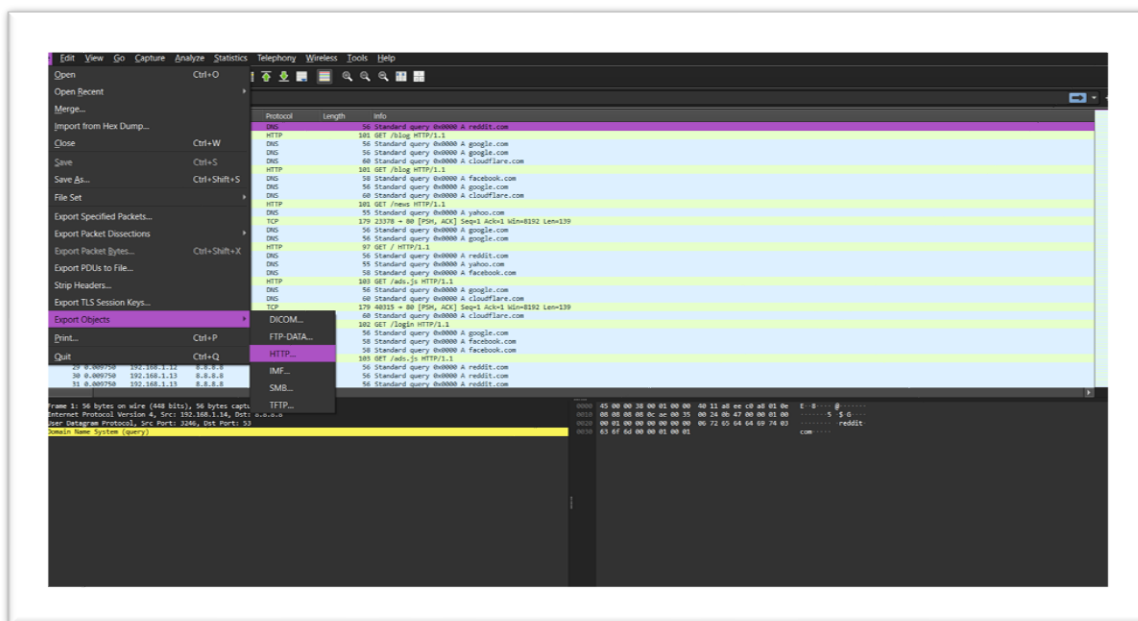
Flag

Submit

Here I got the pcap file, I downloaded that and start investigating it.



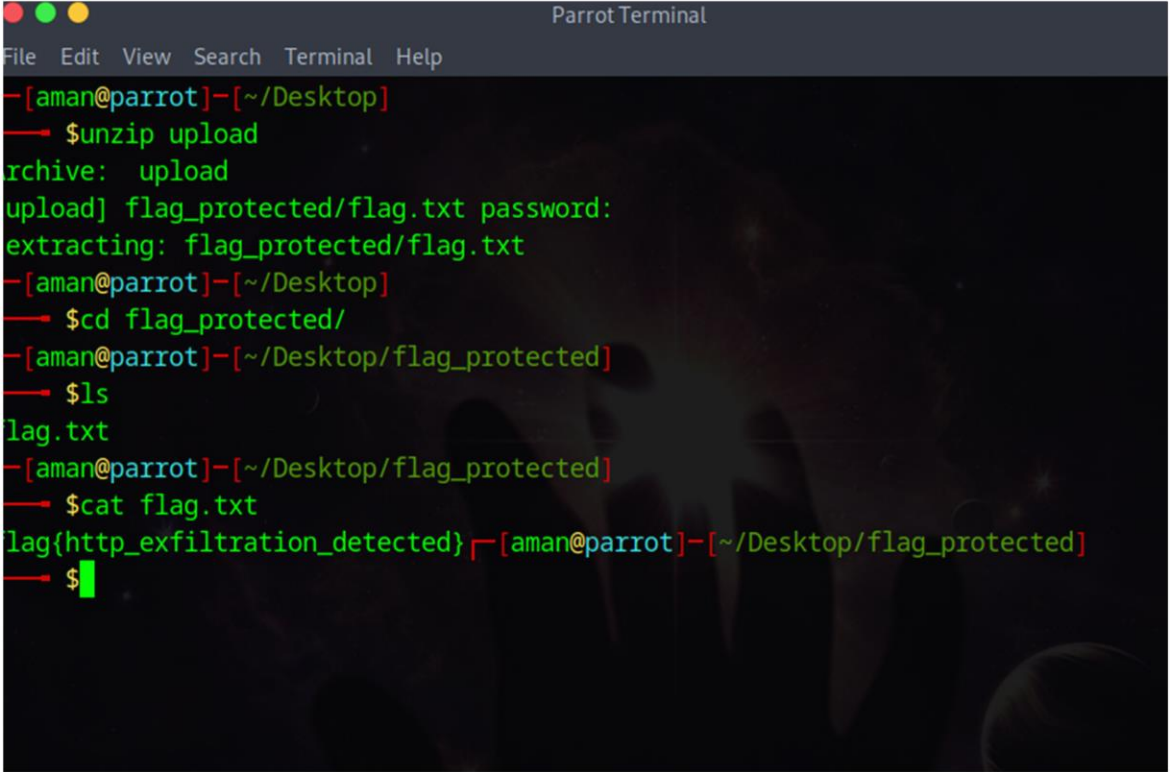
My observation sees its as a most of the used protocols are http so I start to check for the http objects to export that.



When I export the http object, I got the zip archive file which was password protected. I tried to crack the zip password using zip2john, zip password cracker.

```
File Edit View Search Terminal Help
[aman@parrot]--[~/Desktop]
$file upload
upload: Zip archive data, at least v2.0 to extract, compression method=store
[aman@parrot]--[~/Desktop]
$unzip upload
archive: upload
upload] flag_protected/flag.txt password:
password incorrect--reenter:
skipping: flag_protected/flag.txt incorrect password
[x]--[aman@parrot]--[~/Desktop]
$zip2john upload > zip_hash.txt
er 2.0 upload/flag_protected/ is not encrypted, or stored with non-handled compression type
er 2.0 upload/flag_protected/flag.txt PKZIP Encr: cmplen=44, decmplen=32, crc=C73B1D ts=B8F7 cs=54c7 type=0
[aman@parrot]--[~/Desktop]
$john --wordlist=/usr/share/wordlists/rockyou.txt zip_hash.txt
sing default input encoding: UTF-8
oaded 1 password hash (PKZIP [32/64])
ill run 2 OpenMP threads
ress 'q' or Ctrl-C to abort, almost any other key for status
etmein (upload/flag_protected/flag.txt)
q 0:00:00:00 DONE (2025-06-10 14:20) 2.439n/s 9990n/s 9990c/s 9990C/s 123456...
```

I got the password in the Rocky.txt by using zip2john as **letmein**. So now I used that password to get the zip file open and I got flag.txt inside the zip that contains the flag.



```
Parrot Terminal
File Edit View Search Terminal Help
~[aman@parrot]~[~/Desktop]
$ unzip upload
Archive:  upload
  upload] flag_protected/flag.txt password:
  extracting: flag_protected/flag.txt
~[aman@parrot]~[~/Desktop]
$ cd flag_protected/
~[aman@parrot]~[~/Desktop/flag_protected]
$ ls
flag.txt
~[aman@parrot]~[~/Desktop/flag_protected]
$ cat flag.txt
flag{http_exfiltration_detected} ~[aman@parrot]~[~/Desktop/flag_protected]
$
```

The flag.txt contains that what we want as a flag for the solution.

FLAG: {http_exfiltration_detected}

~By Team justahacker