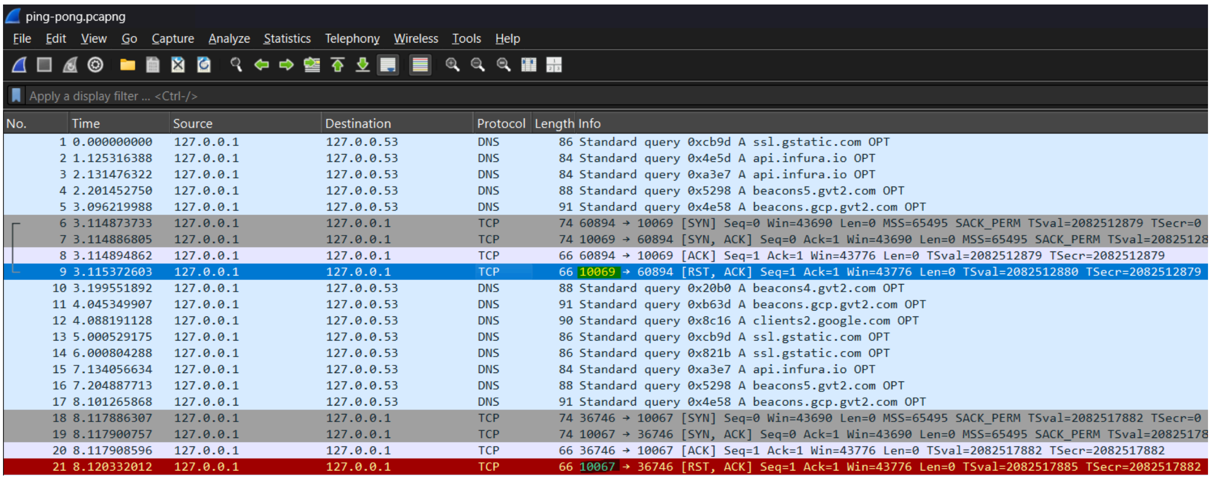
# If we export HTTp objects and cat the files, we can see this message :

```
# ECSC{ ..... lol ... nope.. Try Harder! It is all about ports!
```

# So, looking through the capture, I saw those packets and I noticed the port. I knew **69** (from 10069) in ASCII in **E** and **67** (from 10067) is **C** :


ping-pong.pcapng
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.53	DNS	86	Standard query 0xcb9d A ssl.gstatic.com OPT
2	1.125316388	127.0.0.1	127.0.0.53	DNS	84	Standard query 0x4e5d A api.infura.io OPT
3	2.131476322	127.0.0.1	127.0.0.53	DNS	84	Standard query 0xa3e7 A api.infura.io OPT
4	2.201452750	127.0.0.1	127.0.0.53	DNS	88	Standard query 0x5298 A beacons5.gvt2.com OPT
5	3.096219988	127.0.0.1	127.0.0.53	DNS	91	Standard query 0x4e58 A beacons.gcp.gvt2.com OPT
6	3.114873733	127.0.0.1	127.0.0.1	TCP	74	60894 → 10069 [SYN] Seq=0 Win=43690 Len=0 MSS=65495 SACK_PERM TSval=2082512879 TSecr=0
7	3.114886805	127.0.0.1	127.0.0.1	TCP	74	10069 → 60894 [SYN, ACK] Seq=0 Ack=1 Win=43690 Len=0 MSS=65495 SACK_PERM TSval=20825128
8	3.114894862	127.0.0.1	127.0.0.1	TCP	66	60894 → 10069 [ACK] Seq=1 Ack=1 Win=43776 Len=0 TSval=2082512879 TSecr=2082512879
9	3.115372603	127.0.0.1	127.0.0.1	TCP	66	10069 → 60894 [RST, ACK] Seq=1 Ack=1 Win=43776 Len=0 TSval=2082512880 TSecr=2082512879
10	3.199551892	127.0.0.1	127.0.0.53	DNS	88	Standard query 0x20b0 A beacons4.gvt2.com OPT
11	4.045349907	127.0.0.1	127.0.0.53	DNS	91	Standard query 0xb63d A beacons.gcp.gvt2.com OPT
12	4.088191128	127.0.0.1	127.0.0.53	DNS	90	Standard query 0x8c16 A clients2.google.com OPT
13	5.000529175	127.0.0.1	127.0.0.53	DNS	86	Standard query 0xcb9d A ssl.gstatic.com OPT
14	6.000804288	127.0.0.1	127.0.0.53	DNS	86	Standard query 0x821b A ssl.gstatic.com OPT
15	7.134056634	127.0.0.1	127.0.0.53	DNS	84	Standard query 0xa3e7 A api.infura.io OPT
16	7.204887713	127.0.0.1	127.0.0.53	DNS	88	Standard query 0x5298 A beacons5.gvt2.com OPT
17	8.101265868	127.0.0.1	127.0.0.53	DNS	91	Standard query 0x4e58 A beacons.gcp.gvt2.com OPT
18	8.117886307	127.0.0.1	127.0.0.1	TCP	74	36746 → 10067 [SYN] Seq=0 Win=43690 Len=0 MSS=65495 SACK_PERM TSval=2082517882 TSecr=0
19	8.117900757	127.0.0.1	127.0.0.1	TCP	74	10067 → 36746 [SYN, ACK] Seq=0 Ack=1 Win=43690 Len=0 MSS=65495 SACK_PERM TSval=20825178
20	8.117908596	127.0.0.1	127.0.0.1	TCP	66	36746 → 10067 [ACK] Seq=1 Ack=1 Win=43776 Len=0 TSval=2082517882 TSecr=2082517882
21	8.120332012	127.0.0.1	127.0.0.1	TCP	66	10067 → 36746 [RST, ACK] Seq=1 Ack=1 Win=43776 Len=0 TSval=2082517885 TSecr=2082517882

# So I ran this command to echo all the TCP RST packets :

```
tshark -r ping-pong.pcapng -Y "tcp.flags.reset == 1" -T fields -e tcp.srcport

# 10069
# 10067
# 10083
# 10067
# 10123
# 10057
# 10056
# 10055
.
.
.
```

# We have to extract 10000 from each port and convert it to ASCII. Command :

```
tshark -r ping-pong.pcapng -Y "tcp.flags.reset == 1" -T fields -e tcp.srcport | awk '{printf "%c", $1-10000}'
```

THE FLAG :
ECSC{98705764809c4f565d791511fd3a9e7e21236000d4fe92db871a28ff384650b5}
~Z4que