

I applied the length filter, in ascending order, and I found these packets :

Apply a display filter ... <Ctrl-/>						
No.	Time	Source	Destination	Protocol	Length	Info
174	0.0019412	192.168.184.128	192.168.184.128	TCP	221	80 → 50576 [PSH, ACK] Seq=1
186	0.0020618	192.168.184.128	192.168.184.128	TCP	221	80 → 50584 [PSH, ACK] Seq=1
198	0.0021774	192.168.184.128	192.168.184.128	TCP	221	80 → 50586 [PSH, ACK] Seq=1
210	0.0023320	192.168.184.128	192.168.184.128	TCP	221	80 → 50592 [PSH, ACK] Seq=1
222	0.0024429	192.168.184.128	192.168.184.128	TCP	221	80 → 50598 [PSH, ACK] Seq=1
234	0.0025507	192.168.184.128	192.168.184.128	TCP	221	80 → 50608 [PSH, ACK] Seq=1
246	0.0026599	192.168.184.128	192.168.184.128	TCP	221	80 → 50620 [PSH, ACK] Seq=1
258	0.0027666	192.168.184.128	192.168.184.128	TCP	221	80 → 50630 [PSH, ACK] Seq=1
270	0.0028720	192.168.184.128	192.168.184.128	TCP	221	80 → 50634 [PSH, ACK] Seq=1
4	0.000240	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
40	0.005618	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
52	0.007083	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
100	0.011965	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
124	0.014240	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
158	0.017840	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
172	0.019052	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
196	0.021437	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
244	0.026283	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
268	0.028421	192.168.184.128	192.168.184.128	HTTP	244	GET / HTTP/1.1
16	0.002087	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
28	0.004208	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
64	0.008249	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
76	0.009561	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
88	0.010759	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
112	0.013126	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
136	0.015455	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
148	0.016636	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
184	0.020261	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
208	0.022966	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
220	0.024105	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
232	0.025203	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
256	0.027342	192.168.184.128	192.168.184.128	HTTP	245	GET / HTTP/1.1
8	0.000747	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
20	0.003100	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
32	0.004699	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
44	0.006292	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
56	0.007425	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
68	0.008695	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
80	0.009912	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
92	0.011261	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
104	0.012338	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
116	0.013493	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
128	0.014721	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
140	0.015938	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
152	0.017191	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)
164	0.018304	192.168.184.128	192.168.184.128	HTTP	376	HTTP/1.0 200 OK (text/html)

Because the name of the challenge is biscuiti (cookies in romanian) I looked up at the cookies in these packets. And I found this hint :

```
Wireshark · Packet 4 · task.pcap

▶ Frame 4: 244 bytes on wire (1952 bits), 244 bytes captured (1952 bits)
▶ Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
▶ Internet Protocol Version 4, Src: 192.168.184.128, Dst: 192.168.184.128
▶ Transmission Control Protocol, Src Port: 50438, Dst Port: 80, Seq: 1, Ack: 1, Len: 178
▼ Hypertext Transfer Protocol
  ▶ GET / HTTP/1.1\r\n
    Host: biscuiti.local\r\n
    User-Agent: python-requests/2.32.3\r\n
    Accept-Encoding: gzip, deflate, br\r\n
    Accept: */*\r\n
    Connection: keep-alive\r\n
  ▶ Cookie: index=1; piece=e2Fk\r\n
    \r\n
  [Response in frame: 8]
  [Full request URI: http://biscuiti.local/]
```

```
00 00 00 00 00 00 00 00 00 00 00 00 08 00 45 00 .....E.
00 e6 31 b7 40 00 40 06 16 09 c0 a8 b8 80 c0 a8 ..1.@.@.....
b8 80 c5 06 00 50 02 6d b5 58 34 d8 c7 36 80 18 .....P.m.X4.6..
02 00 f3 2a 00 00 01 01 08 0a 71 15 bd 46 71 15 ...*.....q.Fq.
bd 46 47 45 54 20 2f 20 48 54 54 50 2f 31 2e 31 ..FGET / HTTP/1.1
0d 0a 48 6f 73 74 3a 20 62 69 73 63 75 69 74 69 ..Host: biscuiti
2e 6c 6f 63 61 6c 0d 0a 55 73 65 72 2d 41 67 65 ..local.. User-Age
6e 74 3a 20 70 79 74 68 6f 6e 2d 72 65 71 75 65 nt: pyth on-reque
73 74 73 2f 32 2e 33 32 2e 33 0d 0a 41 63 63 65 sts/2.32 .3. Acce
70 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a 69 pt-Encod ing: gzi
70 2c 20 64 65 66 6c 61 74 65 2c 20 62 72 0d 0a p, defla te, br..
41 63 63 65 70 74 3a 20 2a 2f 2a 0d 0a 43 6f 6e Accept: /*..Con
6e 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c nection: keep-al
69 76 65 0d 0a 43 6f 6f 6b 69 65 3a 20 69 6e 64 ive..Coo kie: ind
65 78 3d 31 3b 20 70 69 65 63 65 3d 65 32 46 6b ex=1; pi ece=e2Fk
0d 0a 0d 0a .....
```

And I used the following command :
strings task.pcap | grep piece

The output :

```
Cookie: index=1; piece=e2Fk
Cookie: index=19; piece=ZDAX
Cookie: index=21; piece=MTQz
Cookie: index=9; piece=NTk3
Cookie: index=3; piece=YmZk
Cookie: index=17; piece=ZmVh
Cookie: index=13; piece=MDYx
Cookie: index=12; piece=MWNh
Cookie: index=4; piece=NDRh
Cookie: index=22; piece=ZjV9
Cookie: index=6; piece=M2M3
Cookie: index=16; piece=YmFj
Cookie: index=10; piece=MGY5
Cookie: index=5; piece=MTYx
Cookie: index=8; piece=MzM0
Cookie: index=18; piece=MGVi
Cookie: index=7; piece=YWI5
Cookie: index=11; piece=ZjYw
Cookie: index=14; piece=YmE5
Cookie: index=15; piece=NjFk
Cookie: index=2; piece=YTaw
Cookie: index=20; piece=ZGUz
Cookie: index=0; piece=Y3Rm
```

Order each piece to get the flag a string, which can be decoded on CyberChef
(Y3Rme2FkYTawYmZkNDRhMTYxM2M3YWI5MzM0NTk3MGY5ZjYwMWNhMDYxYmE5NjFkYmFjZmVhMGViZDAXZGUzMTQzZjV9).

THE FLAG :

ctf{ada00bfd44a1613c7ab93345970f9f601ca061ba961dbacfea0ebd01de3143f5}

~Z4que