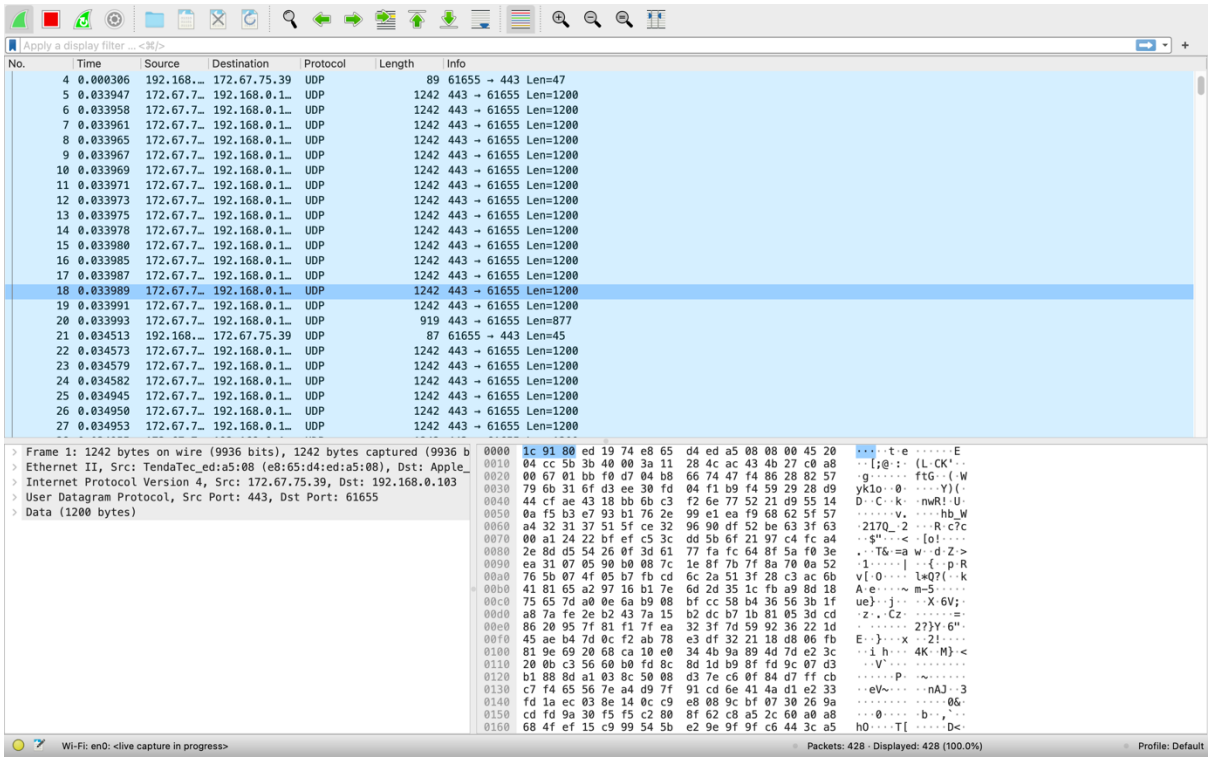
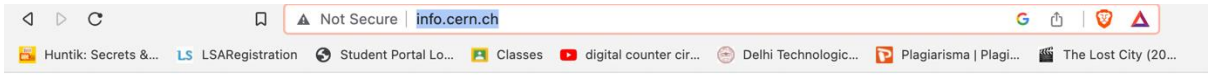
CN ASSIGNMENT 2

1. Add & run Wire-shark and capture traffic in order to access a remote server using HTTP.

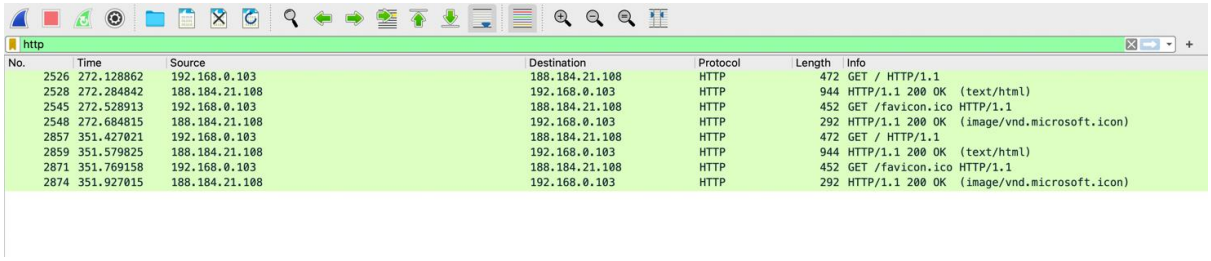


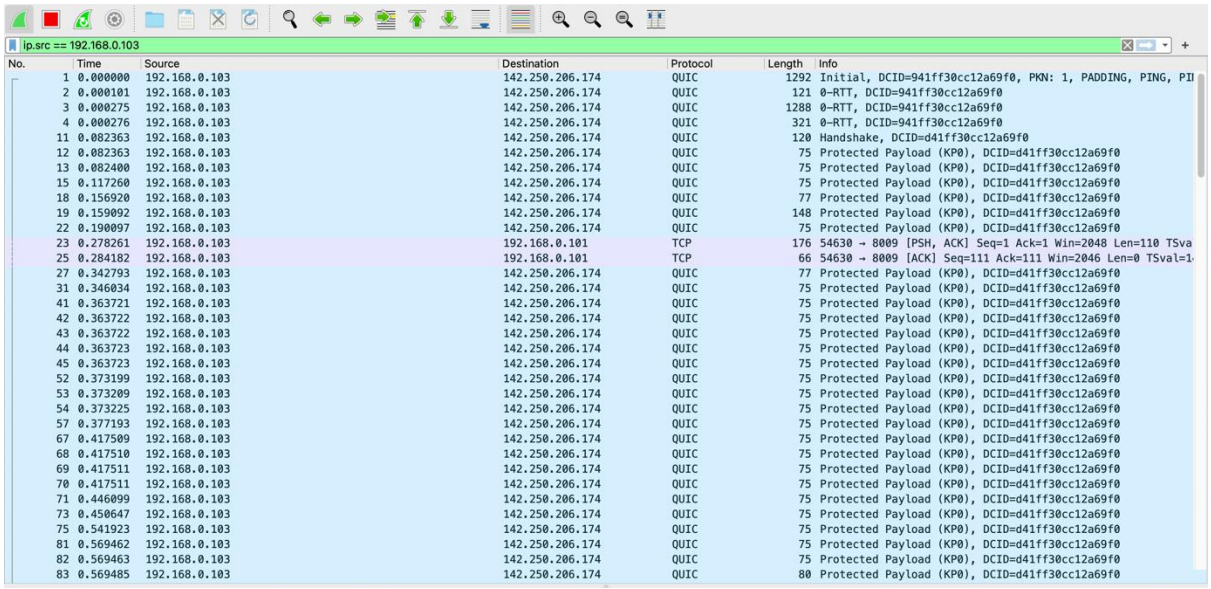


http://info.cern.ch - home of the first website

From here you can:

- Browse the first website
- Browse the first website using the line-mode browser simulator
- Learn about the birth of the web
- Learn about CERN, the physics laboratory where the web was born





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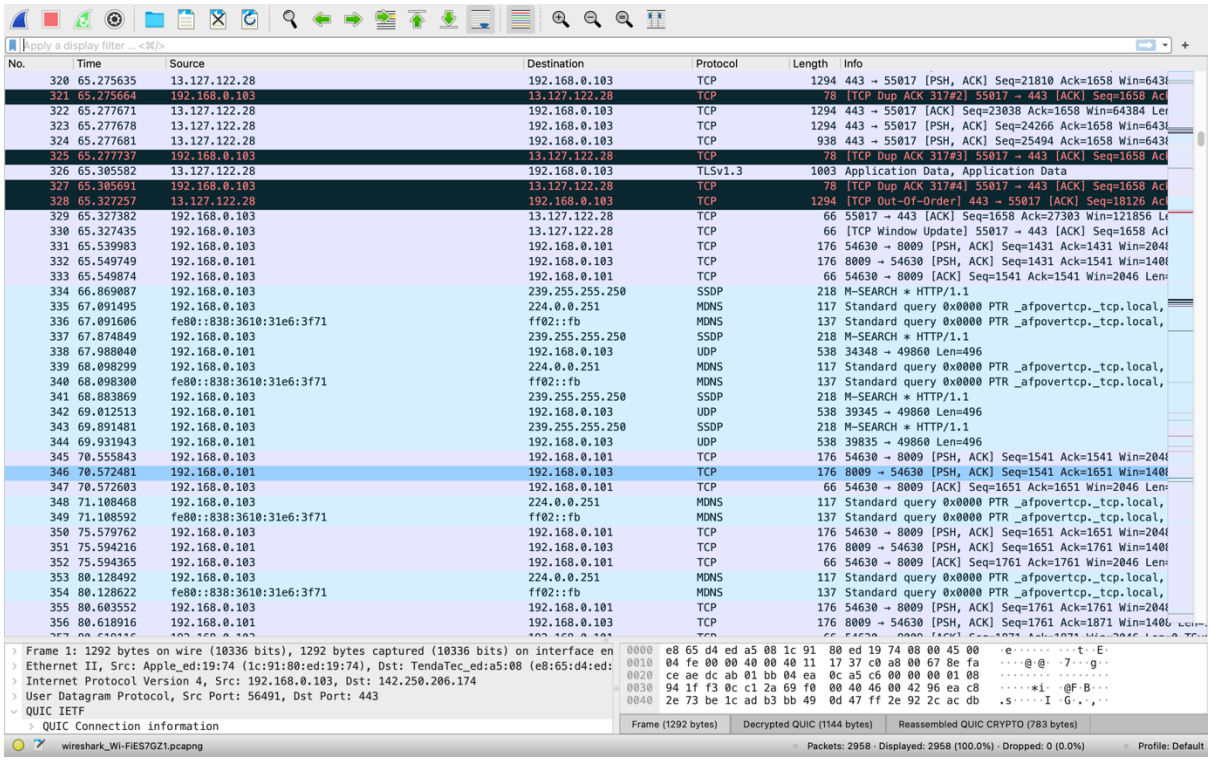
2. Monitor Different packets captured for access.



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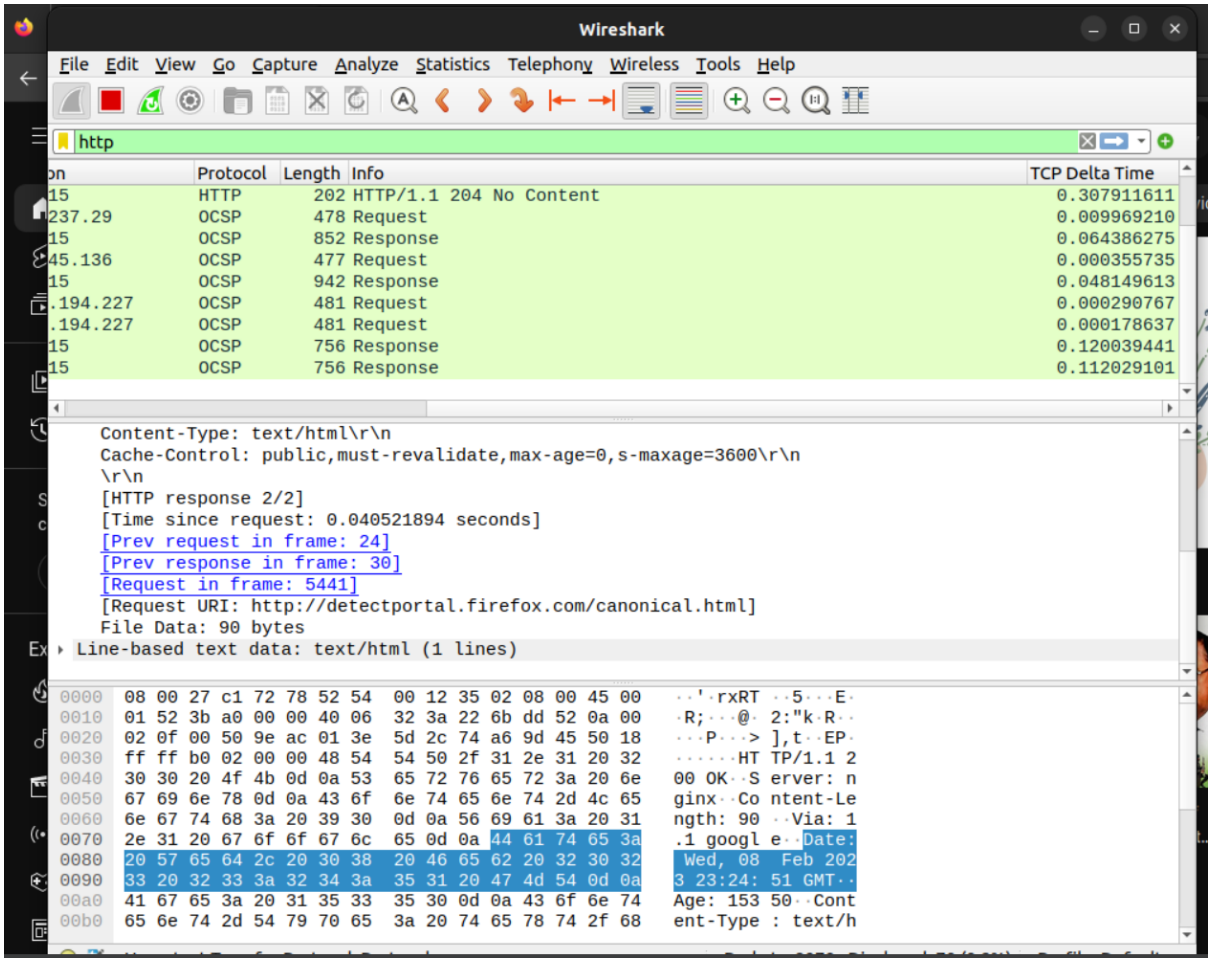
3. Capture Time between HTTP get and OK.


Wireshark
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
on Protocol Length Info TCP Delta Time
15 HTTP 202 HTTP/1.1 204 No Content 0.307911611
237.29 OCSP 478 Request 0.009969210
15 OCSP 852 Response 0.064386275
45.136 OCSP 477 Request 0.000355735
15 OCSP 942 Response 0.048149613
.194.227 OCSP 481 Request 0.000290767
.194.227 OCSP 481 Request 0.000178637
15 OCSP 756 Response 0.120039441
15 OCSP 756 Response 0.112029101
Content-Type: text/html\r\n
Cache-Control: public,must-revalidate,max-age=0,s-maxage=3600\r\n
\r\n
[HTTP response 2/2]
[Time since request: 0.040521894 seconds]
[Prev request in frame: 24]
[Prev response in frame: 30]
[Request in frame: 5441]
[Request URI: http://detectportal.firefox.com/canonical.html]
File Data: 90 bytes
Line-based text data: text/html (1 lines)
0000 08 00 27 c1 72 78 52 54 00 12 35 02 08 00 45 00 ··'·rxRT ··5···E·
0010 01 52 3b a0 00 00 40 06 32 3a 22 6b dd 52 0a 00 ·R;···@· 2:"k·R··
0020 02 0f 00 50 9e ac 01 3e 5d 2c 74 a6 9d 45 50 18 ···P···>],t··EP·
0030 ff ff b0 02 00 00 48 54 54 50 2f 31 2e 31 20 32 ·····HT TP/1.1 2
0040 30 30 20 4f 4b 0d 0a 53 65 72 76 65 72 3a 20 6e 00 OK··S erver: n
0050 67 69 6e 78 0d 0a 43 6f 6e 74 65 6e 74 2d 4c 65 ginx··Co ntent-Le
0060 6e 67 74 68 3a 20 39 30 0d 0a 56 69 61 3a 20 31 ngth: 90 ··Via: 1
0070 2e 31 20 67 6f 6f 67 6c 65 0d 0a 44 61 74 65 3a .1 googl e··Date:
0080 20 57 65 64 2c 20 30 38 20 46 65 62 20 32 30 32 Wed, 08 Feb 202
0090 33 20 32 33 3a 32 34 3a 35 31 20 47 4d 54 0d 0a 3 23:24: 51 GMT··
00a0 41 67 65 3a 20 31 35 33 35 30 0d 0a 43 6f 6e 74 Age: 153 50··Cont
00b0 65 6e 74 2d 54 79 70 65 3a 20 74 65 78 74 2f 68 ent-Type : text/h

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