

1) Yes.

- It takes to resolve the domain name 1 DNS query
- Destination IP for the first DNS query is 144.122.199.90
- Transaction ID for my query is 0xe94a, and also its response is 0xe94a

2)

33 - 1.876578941

60 - 2.415710175

79 - 2.443743594

80 - 2.443859147

81 - 2.443889956

3)

User-Agent = Mozilla/5.0 (X11; Linux x86\_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3729.157 Safari/537.36 (Chrome)

Languages = tr-TR,tr;q=0.9,en-US;q=0.8,en;q=0.7 (Turkish and American English)

4) Yes. The Cookie is:

\_APP\_LOCALE=EN; \_ga=GA1.3.89845877.1551086404; experimentation\_subject\_id=IjU1MzY2OTZiLTUzZTI0NDVjMC05MGQ4LWFmYjMxNDFiMzc3NyI%3D--792416aa4c2a75c77ca4fe3e6aa03580194cbb59

5) If the selected packet is a response, request of this packet is specified on the details part of it. Otherwise, response of the packet is specified.

6) Browsers limit the number of HTTP connections that have the same domain name, because of the HTTP specifications. So, Chrome can make at most 6 parallel connections. Moreover, when I analyzed Wireshark, I saw that at most 6 HTTP requests can be sent in succession without any response in Chrome. Otherwise, the main purpose of the parallel connections is to load pages faster.

Bonus:)

Username = Palpatine

Password = Order66

The message is:

ceng435{This-is-why-https-is-important}