CS 420

Computer Networks

Assignment 3

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1. My browser is running on HTTP version 1.1 . The Server is also running on HTTP version 1.1 .
2. The IP address of the computer is 10.0.0.147. The IP address of the [www.wiu.edu](http://www.wiu.edu) server is 10.10.221.130.
3. The physical address of the computer is 00:1b:21:80:48:c6 . The physical address of [www.wiu.edu](http://www.wiu.edu) server is 00:1e:13:0c:70:a8 .
4. FIELDS:

Host : Tells the server name.

User-Agent : Describer the Browser used.

Accept language : Language accepted.

Connection : Is connection established or not

1. 348 bytes are returned to the browser.
2. No. I do not see any “IF-MOIFIED- SINCE” in HTTP GET.
3. Yes, By seeing the phase we can tell that the server explicitly return the contents of the file.
4. Yes. It displays date and time. Fri 14 Oct 2011 02:02:52 GMT
5. Status code is 304 and Phase is use local. No the server do not run explicitly because it is retrieved from the cache.
6. 2 HTTP Get Request messages were sent by the browser.
7. 5 TCP segments were needed to carry the single HTTP response.
8. The status code is 200 and the phase is ok.
9. 4 HTTP GET request messages were sent by the browser.

10.0.0.147 – 10.10.221.130

10.0.0.147 – 69.32.208.74

10.0.0.147 – 69.32.208.74

10.0.0.147 – 10.10.221.130

1. Yes it is downloaded serially. The port numbers of one image is 2484 and the port number of another image is 2485.

1. 3 TCP connections are opened. I can tell by the Steam lines.