

Lab 8 – Saptarshi Ganguly, Gordon Tsang, Dani Reil, Joseph Gonzales

1. HTTP version 1.1
2. Accept-Language: en-US,en;q=0.5 or US English
3. My IP address: 10.0.1.23      gaia.cs.umass.edu server: 128.119.245.12
4. Code returned is 200 or an OK response
5. Last-Modified: Fri, 20 Nov 2020 06:59:01 GMT
6. File Data: 128 bytes
7. Yes, Connection: Keep-Alive
8. There is no IF-MODIFIED-SINCE line in the HTTP GET request from my browser to the server.
9. The server explicitly returns the contents of the file. There is a new section called Line-based text data: text/html (10 lines) that includes the contents of the file that the server returned.
10. If-Modified-Since: Fri, 20 Nov 2020 06:59:01 GMT
11. Code returned is 304 or Not Modified response. The server did not explicitly return the contents of the file because the IF-MODIFIED-SINCE field was included in my browser's HTTP GET request to the server. Thus, it realized that the same HTTP GET request was performed twice on the same file and the server decided that since it has not been modified it doesn't need to send the file again.
12. The browser sent only one GET request. By default, this packet, frame 86, must contain the GET for the Bill of Rights.
13. Packet 92 contains the status code and phrase associated with the response to the HTTP GET request
14. The status code is 200, and the response is OK.
15. The server needed to send three TCP segments to carry the HTTP response and the Bill of Rights text.
16. The browser sent 4 GET requests in total. The requests were sent to 128.119.245.12.
17. The images were downloaded in parallel. You can tell because one GET request was sent before the other was finished.