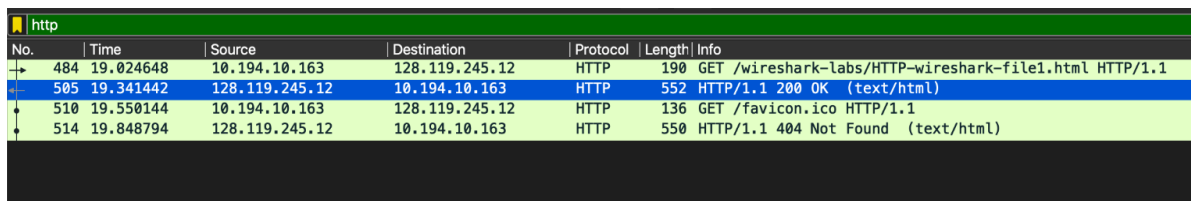


# Assignment 1 Evaluation

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2020CS10869

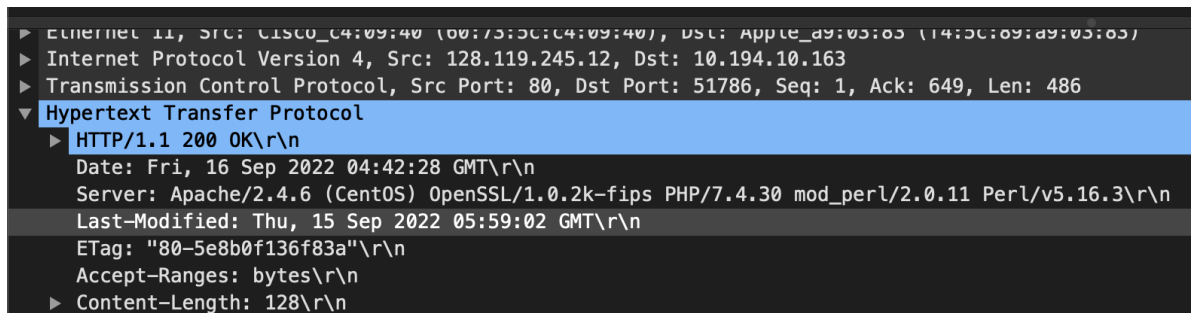
## Answers:

- (a) **Four** packets are captured: one get request to the file, one response, one get request for the page's favicon (sent by the browser for rendering) and one 404 not found response for the favicon



No.	Time	Source	Destination	Protocol	Length	Info
484	19.024648	10.194.10.163	128.119.245.12	HTTP	190	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
505	19.341442	128.119.245.12	10.194.10.163	HTTP	552	HTTP/1.1 200 OK (text/html)
510	19.550144	10.194.10.163	128.119.245.12	HTTP	136	GET /favicon.ico HTTP/1.1
514	19.848794	128.119.245.12	10.194.10.163	HTTP	550	HTTP/1.1 404 Not Found (text/html)

- (b) The version used is **HTTP/1.1**, as can be seen from the above screenshot
- (c) The IP address of our computer is **10.194.10.163**: this is the source IP in the above screenshot, that is, the machine from where the requests originate.
- (d) The IP address of the gaia.cs.umass.edu server is **128.119.245.12**: This is the destination IP, that is, the machine we send our requests to/get our responses from
- (e) We are returned a status code of **200 OK** for the wireshark file, and **404 Not found** for the favicon
- (f) The file was last modified on **Thursday, 15 Sep 2022 at 05:59:02 GMT**. This can be inferred from the HTTP headers in the response.



```
▶ Ethernet II, Src: Cisco_C4:09:40 (00:15:5C:C4:09:40), Dst: Apple_a9:03:03 (14:5C:09:a9:03:03)
▶ Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.194.10.163
▶ Transmission Control Protocol, Src Port: 80, Dst Port: 51786, Seq: 1, Ack: 649, Len: 486
▼ Hypertext Transfer Protocol
  ▶ HTTP/1.1 200 OK\r\n
    Date: Fri, 16 Sep 2022 04:42:28 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.30 mod_perl/2.0.11 Perl/v5.16.3\r\n
    Last-Modified: Thu, 15 Sep 2022 05:59:02 GMT\r\n
    ETag: "80-5e8b0f136f83a"\r\n
    Accept-Ranges: bytes\r\n
    ▶ Content-Length: 128\r\n
```