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Csc 138
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Lab 1

1. 3 different protocols shown in the packets list are HTTP, TCP, and DNS.
2. It took approximately 0.11 seconds from HTTP GET to HTTP OK.
3. Internet address of gaia.cs.umass.edu is 128.119.245.12. My PC is 10.0.0.84.
4. Printed in the next two pages.

| No. | Time | Source | Destination | Protocol | Length | Info |
|------|-----------|----------------|-------------|----------|--------|-----------------------------|
| 2964 | 87.115892 | 128.119.245.12 | 10.0.0.84 | HTTP | 492 | HTTP/1.1 200 OK (text/html) |

Frame 2964: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface 0
Ethernet II, Src: Technico_4e:89:fa (a4:56:cc:4e:89:fa), Dst: Shenzhen_c3:58:32 (bc:ec:23:c3:58:32)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.0.0.84
Transmission Control Protocol, Src Port: 80, Dst Port: 50685, Seq: 1, Ack: 461, Len: 438
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n\r\n]
Response Version: HTTP/1.1
Status Code: 200
[Status Code Description: OK]
Response Phrase: OK
Date: Fri, 13 Sep 2019 02:33:30 GMT\r\n\r\nServer: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n\r\nLast-Modified: Thu, 12 Sep 2019 05:59:01 GMT\r\n\r\nETag: "51-59254d59804e8"\r\n\r\nAccept-Ranges: bytes\r\n\r\nContent-Length: 81\r\n\r\nKeep-Alive: timeout=5, max=100\r\n\r\nConnection: Keep-Alive\r\n\r\nContent-Type: text/html; charset=UTF-8\r\n\r\n\r\n\r\n[HTTP response 1/2]
[Time since request: 0.110217000 seconds]
[Request in frame: 2961]
[Next request in frame: 2985]
[Next response in frame: 2986]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]
File Data: 81 bytes
Line-based text data: text/html (3 lines)