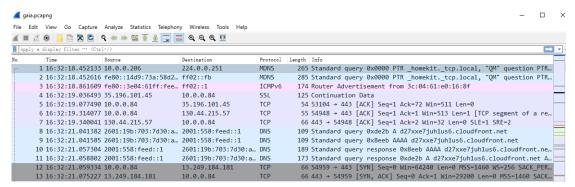
CS 655 Computer Network -- Lab1 Introduction to Wireshark

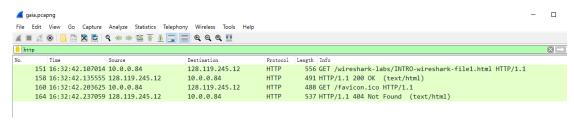
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1. List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.



As we can see, MDNS, ICMP, SSL, TCP, DNS and TCP are shown in the screenshot.

2. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received?



It takes 0.028541 second.

3. What is the Internet address of the gaia.cs.umass.edu? What is the Internet address of your computer? gaia.cs.umass.edu: 128.119.245.12

My computer: 10.0.0.84

4. Print the two HTTP messages (GET and OK) referred to in question 2 above.

```
Time
                             Source
                                                    Destination
                                                                           Protocol Length Info
    151 16:32:42.107014
                                                                                            GET /wireshark-labs/INTRO-
                                                    128.119.245.12
                                                                           HTTP
                            10.0.0.84
                                                                                     556
wireshark-file1.html HTTP/1.1
Frame 151: 556 bytes on wire (4448 bits), 556 bytes captured (4448 bits) on interface \Device\NPF_{1055BE5B-8099-4BA2-
B549-CE934C3E04AA}, id 0
Ethernet II, Src: IntelCor_99:d0:59 (98:3b:8f:99:d0:59), Dst: ARRISGro_e0:16:8f (3c:04:61:e0:16:8f)
Internet Protocol Version 4, Src: 10.0.0.84, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 54961, Dst Port: 80, Seq: 1, Ack: 1, Len: 502
Hypertext Transfer Protocol
                                                                           Protocol Length Info
No.
       Time
                            Source
                                                    Destination
   158 16:32:42.135555
                            128.119.245.12
                                                                                            HTTP/1.1 200 OK (text/html)
                                                    10.0.0.84
                                                                           HTTP
                                                                                    491
Frame 158: 491 bytes on wire (3928 bits), 491 bytes captured (3928 bits) on interface \Device\NPF_(1055BE5B-8099-4BA2-
B549-CE934C3E04AA}, id 0
Ethernet II, Src: ARRISGro_e0:16:8f (3c:04:61:e0:16:8f), Dst: IntelCor_99:d0:59 (98:3b:8f:99:d0:59)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.0.0.84
Transmission Control Protocol, Src Port: 80, Dst Port: 54961, Seq: 1, Ack: 503, Len: 437
Hypertext Transfer Protocol
Line-based text data: text/html (3 lines)
```