

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

■ HTTP, TCP, and DNS

49	18:01:16.038948	192.168.86.1	192.168.86.249	DNS
50	18:01:16.040425	192.168.86.249	128.119.245.12	TCP
51	18:01:16.087363	128.119.245.12	192.168.86.249	TCP
52	18:01:16.087487	192.168.86.249	128.119.245.12	TCP
53	18:01:16.088117	192.168.86.249	128.119.245.12	HTTP

2. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet-listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark *View* pull down menu, then select *Time Display Format*, then select *Time-of-day*.)

■ .0743078 ms

Time
18:01:16.088117
18:01:16.138092

3. What is the Internet Protocol (IP) address of the gaia.cs.umass.edu? What is the Internet Protocol (IP) address of your computer?

■ IP Address 1: 128.119.245.12

■ IP Address 2: 192.168.86.249

No.	Time	Source	Destination
53	18:01:16.088117	192.168.86.249	128.119.245.12
55	18:01:16.138092	128.119.245.12	192.168.86.249

4. Include screenshots of the two HTTP messages (GET and OK) referred to in question 2 above. Make sure to include at least: Arrival Time, Total Length, Protocol, Source IP address, and Destination IP address.

No.	Time	Source	Destination	Protocol	Length	Info
53	18:01:16.088117	192.168.86.249	128.119.245.12	HTTP	466	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
55	18:01:16.138092	128.119.245.12	192.168.86.249	HTTP	504	HTTP/1.1 200 OK (text/html)

No.	Time	Source	Destination
53	18:01:16.088117	192.168.86.249	128.119.245.12
55	18:01:16.138092	128.119.245.12	192.168.86.249

Protocol	Length	Info
HTTP	466	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
HTTP	504	HTTP/1.1 200 OK (text/html)