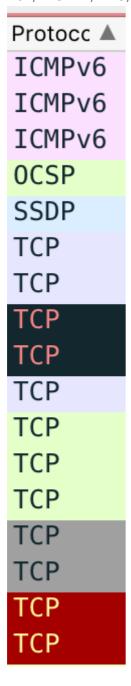# Communication – Services and Networks
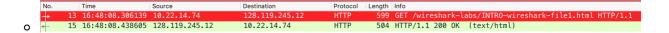
Wireshark Lab: Intro

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

   - TCP, TLSv1.2, DNS, ICMP, GQUIC, ICMPv6, 0CSP.

     -

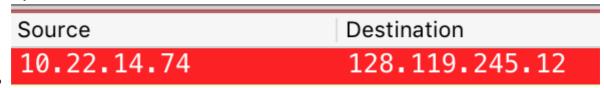 | Protocc ▲ |
       |---|
       | ICMPv6 |
       | ICMPv6 |
       | ICMPv6 |
       | 0CSP |
       | SSDP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |
       | TCP |

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.)***

   - Det tok litt over et tidels sekund fra requesten ble sendt til OK var returnert.

No.	Time	Source	Destination	Protocol	Length	Info
13	16:48:08.306139	10.22.14.74	128.119.245.12	HTTP	599	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
15	16:48:08.438605	128.119.245.12	10.22.14.74	HTTP	504	HTTP/1.1 200 OK (text/html)

3. ***What is the Internet address of the gaia.cs.umass.edu (also known as www.net.cs.umass.edu)? What is the Internet address of your computer?***

   - Address to gaia.cs.umass.edu: 128.119.245.12
   - My local address: 10.22.14.74

Source	Destination
10.22.14.74	128.119.245.12

4. ***Take screenshots of the two HTTP messages (GET and OK) referred to in question 2 above. The screenshots should include the packet-header window for these messages and the packet list window (see the beginning of this tutorial for the descriptions of the different windows).***