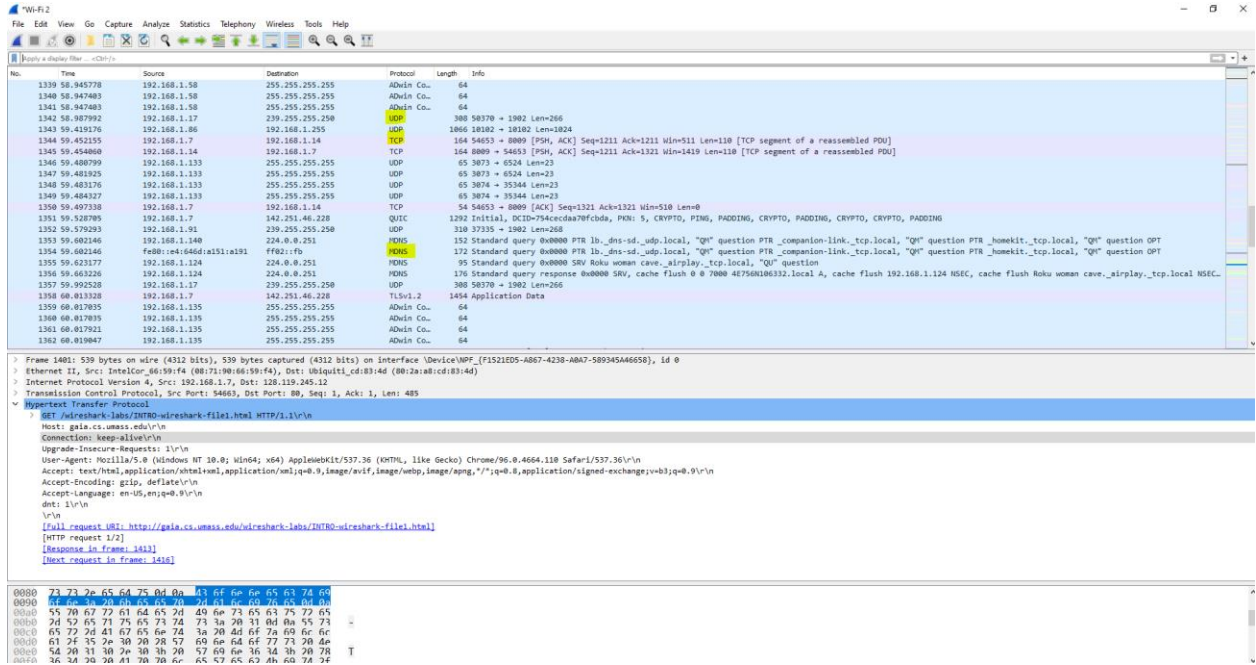


Lab 1 – Wireshark

Student – Timur Guner

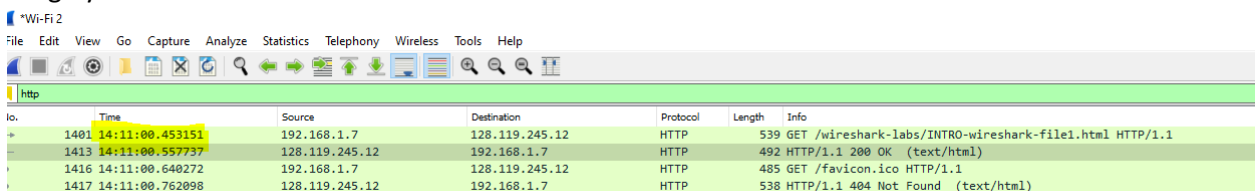
1. List 3 different protocols that appear in the protocol column in the unfiltered packet listing pane in step 7 above.

- UDP, TCP, MDNS



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.)

- The GET request was sent at 14:11:00.453151 and the OK was received at 14:11:00.557737, which is roughly 10~ milliseconds.



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

- The IP address of gaia.cs.umass.edu is 128.119.245.12 and my IP address is 192.168.1.7

Wi-Fi 2

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
1401	14:11:00.453151	192.168.1.7	128.119.245.12	HTTP	539	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
1413	14:11:00.557737	128.119.245.12	192.168.1.7	HTTP	492	HTTP/1.1 200 OK (text/html)
1416	14:11:00.640272	192.168.1.7	128.119.245.12	HTTP	485	GET /favicon.ico HTTP/1.1
1417	14:11:00.762098	128.119.245.12	192.168.1.7	HTTP	538	HTTP/1.1 404 Not Found (text/html)

> Frame 1401: 539 bytes on wire (4312 bits), 539 bytes captured (4312 bits) on interface \Device\NPF_{F1521ED5-A867-4238-A0A7-589345A46658}, id 0

> Ethernet II, Src: IntelCor_66:59:f4 (08:71:90:66:59:f4), Dst: Ubiquiti_cd:83:4d (80:2a:a8:cd:83:4d)

> Internet Protocol Version 4, Src: 192.168.1.7, Dst: 128.119.245.12

> Transmission Control Protocol, Src Port: 54663, Dst Port: 80, Seq: 1, Ack: 1, Len: 485

> Hypertext Transfer Protocol

○

4.All screenshots are provided