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Course: IT 120-B

Lab 4

1. What is the Internet address of your computer?

Answer: 192.168.1.165

Graphical user interface, text, application

Description automatically generated

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

Answer: UDP, ARP, DNS

Graphical user interface, text

Description automatically generated

1. 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 packetlisting 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.)

Arrival time of GET request is: Feb 9, 2021 11:08:56.852195000 Eastern Standard Time

Arrival time of HTTP OK is: Feb 9, 2021 11:08:56.856243000 Eastern Standard Time

Difference: 0.856243000 - 0.852195000 = 0.004048000 sec.

Graphical user interface, text

Description automatically generated with medium confidence

1. What is the Internet address of the gaia.cs.umass.edu (also known as wwwnet.cs.umass.edu)?

Answer: 192.168.1.213

Graphical user interface, text

Description automatically generated

1. Print the two HTTP messages (GET and OK) referred to in question 2 above. To do so, select Print from the Wireshark File command menu, and select the “Selected Packet Only” and “Print as displayed” radial buttons, and then click OK.

Graphical user interface, text, application

Description automatically generatedText

Description automatically generated