Faisal Alwayli

Lab 1

IT-520

For each of these question, take a screen shot and add attach it to your answer. Also, save your

Wireshark lab file. We would use it later in the class.

The goal of this first lab was primarily to introduce you to Wireshark. The following questions will demonstrate that you've been able to get Wireshark up and running, and have explored some of its capabilities. Answer the following questions, based on your Wireshark experimentation:

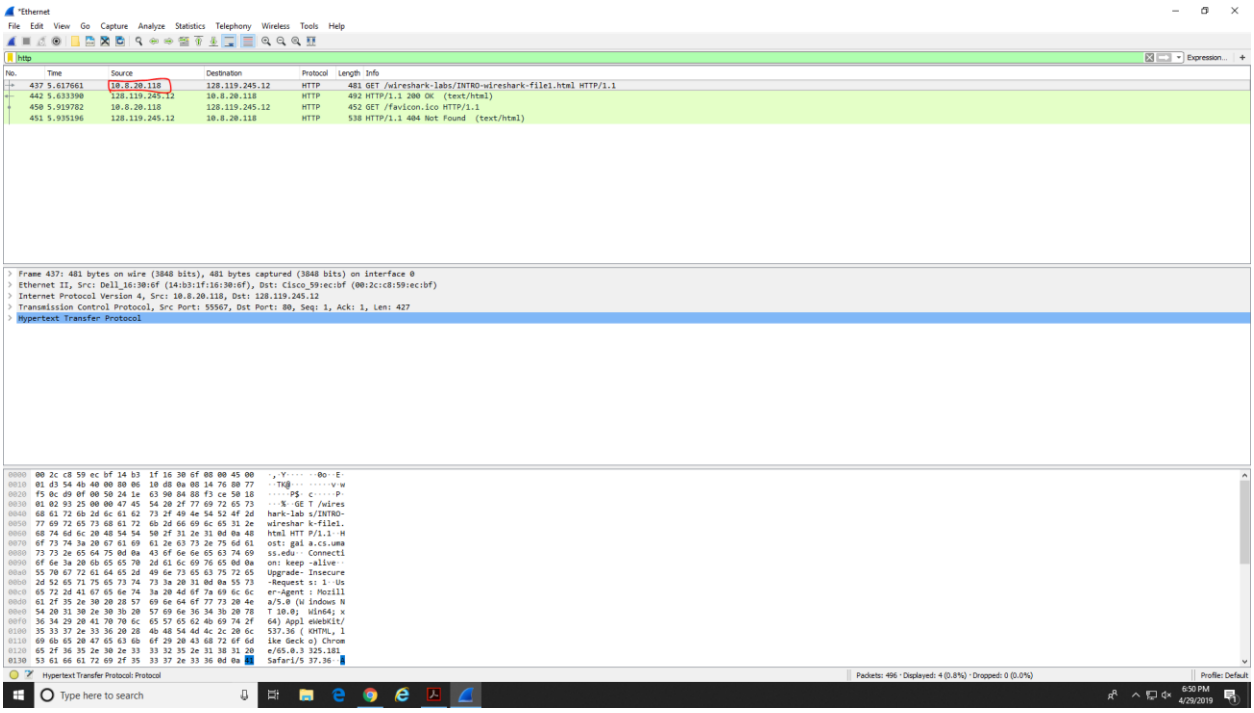
• (For each of these questions, take a screenshot of Wireshark, and attach it to your answer) - Questions without Full Screenshot will not be graded. A lab submission template is available on canvas. Your screenshot should indicate the time and date on your computer.

• Include a terminal screenshot showing computer IP address on the front page before Question 1, and a full PRINT of the HTTP OK message as the last page.

Labs will NOT be graded if either of these two is missing.

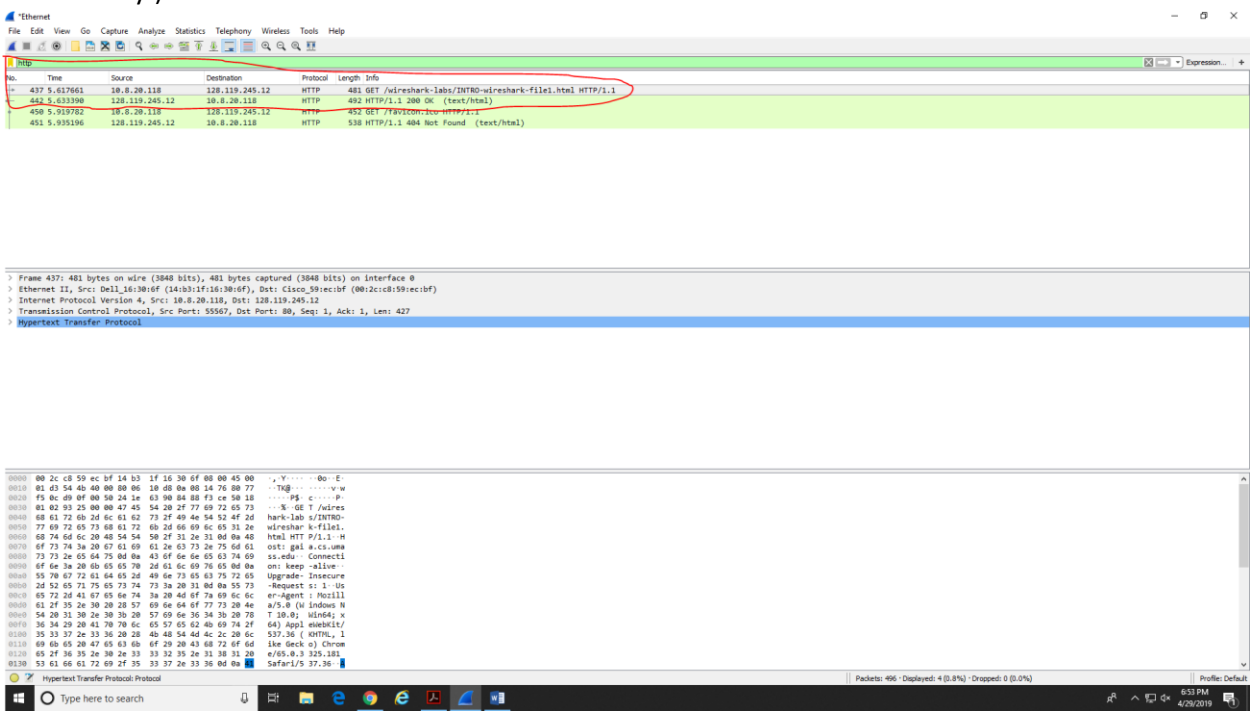
Questions:

1. What is the Internet address of your computer?

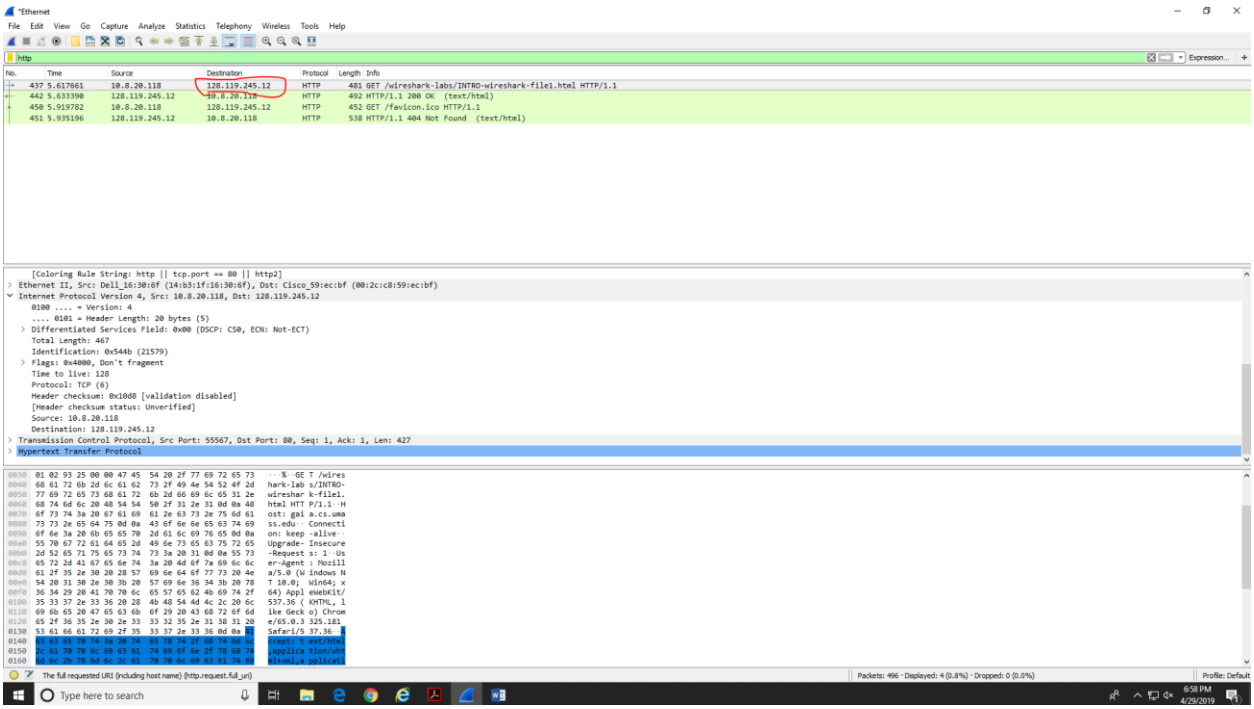


2. List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.
   1.http
   2tcp . 3. arp
3. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet-listing 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

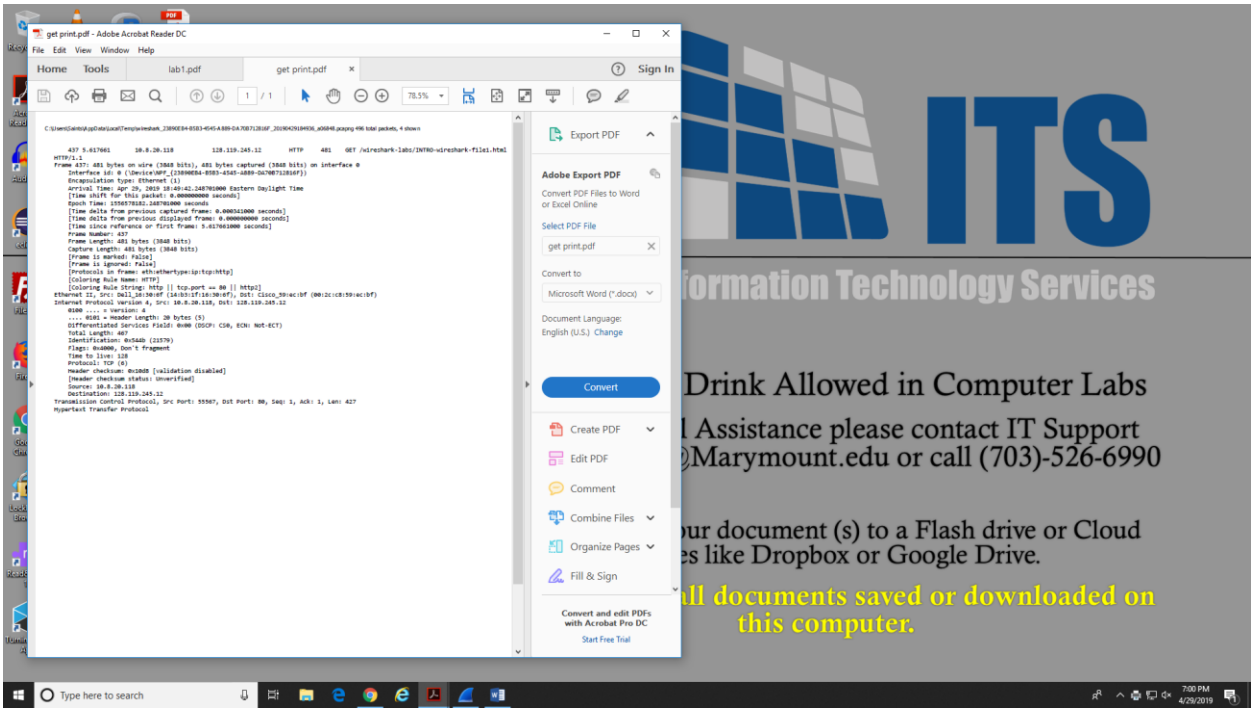
Time-of-day.)



4. What is the Internet address of the gaia.cs.umass.edu (also known as www-net.cs.umass.edu)?



5. 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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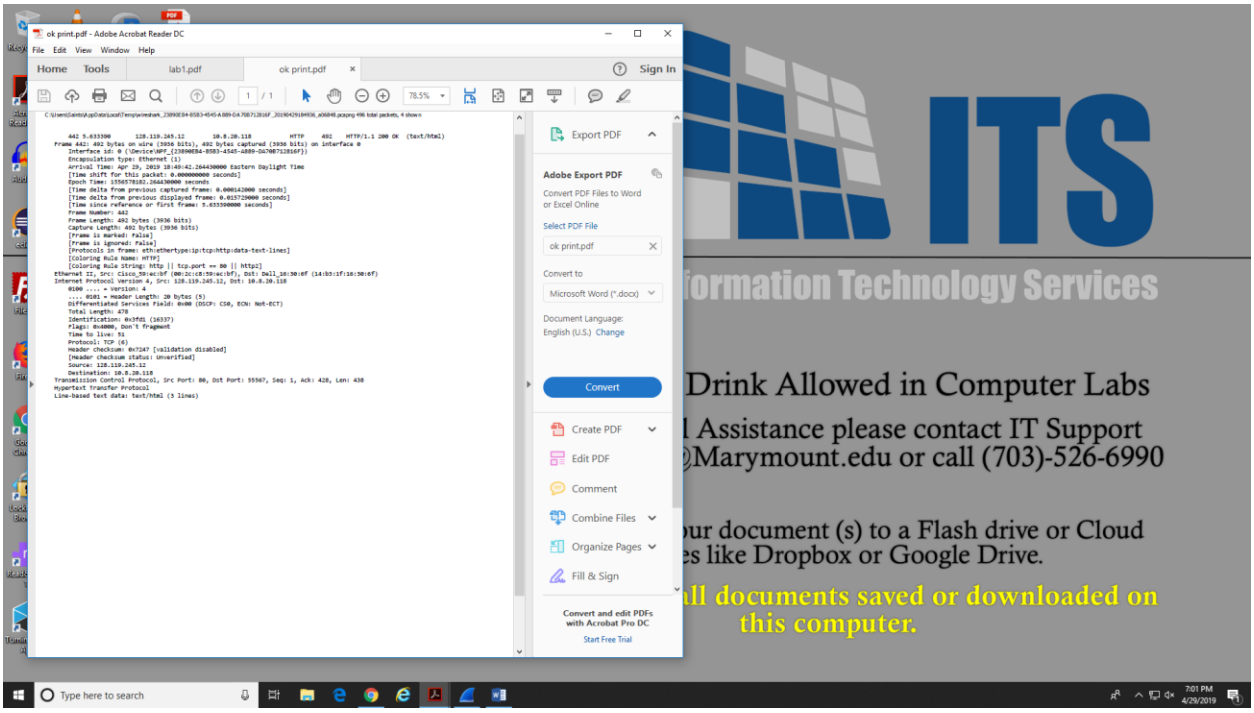
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