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Wireshark Lab 4 - IP

IT 520-A – Enterprise Infrastructure & Networks

Instructions:

• Follow the instructions in Lab 2 and expand the IP detail section.

• Pay attention to the text in bold. I expect you to explain?

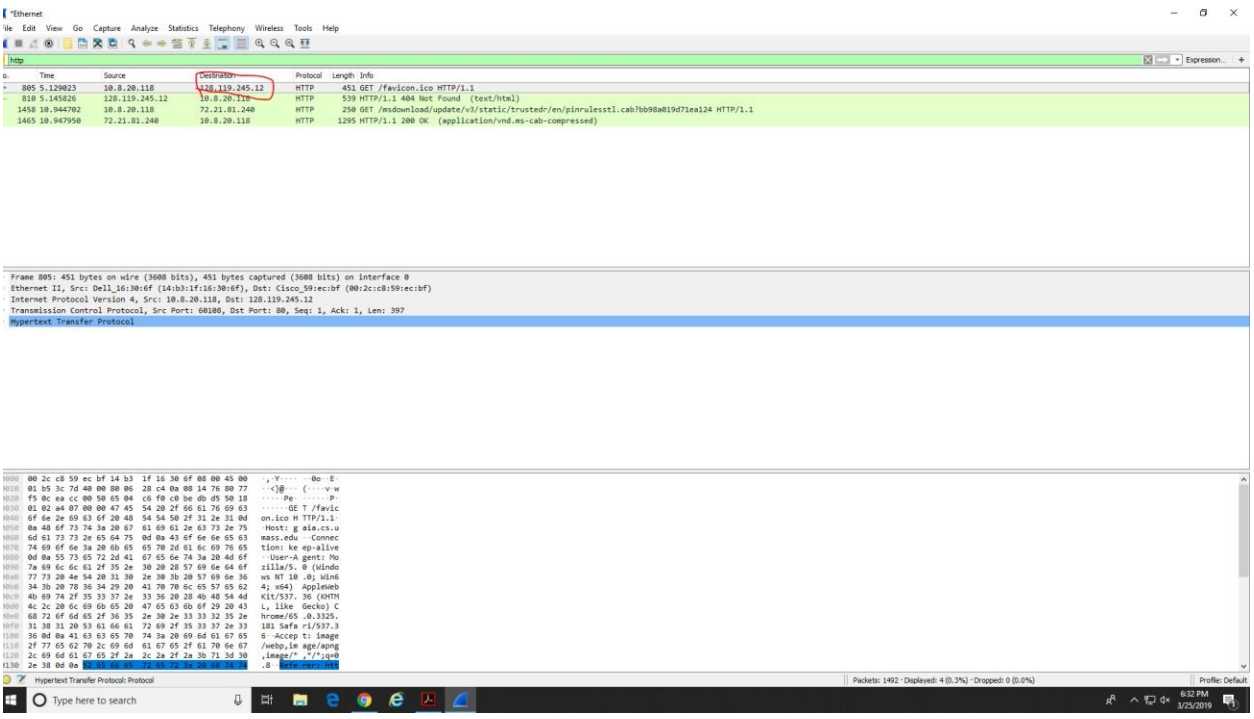
• (For each of these questions, take a screenshot of Wireshark, and attach it to your answer) - Questions without Full Screenshot will not be graded. A lab submission template is available on canvas. Your screenshot should indicate the time and date on your computer.

• 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.

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

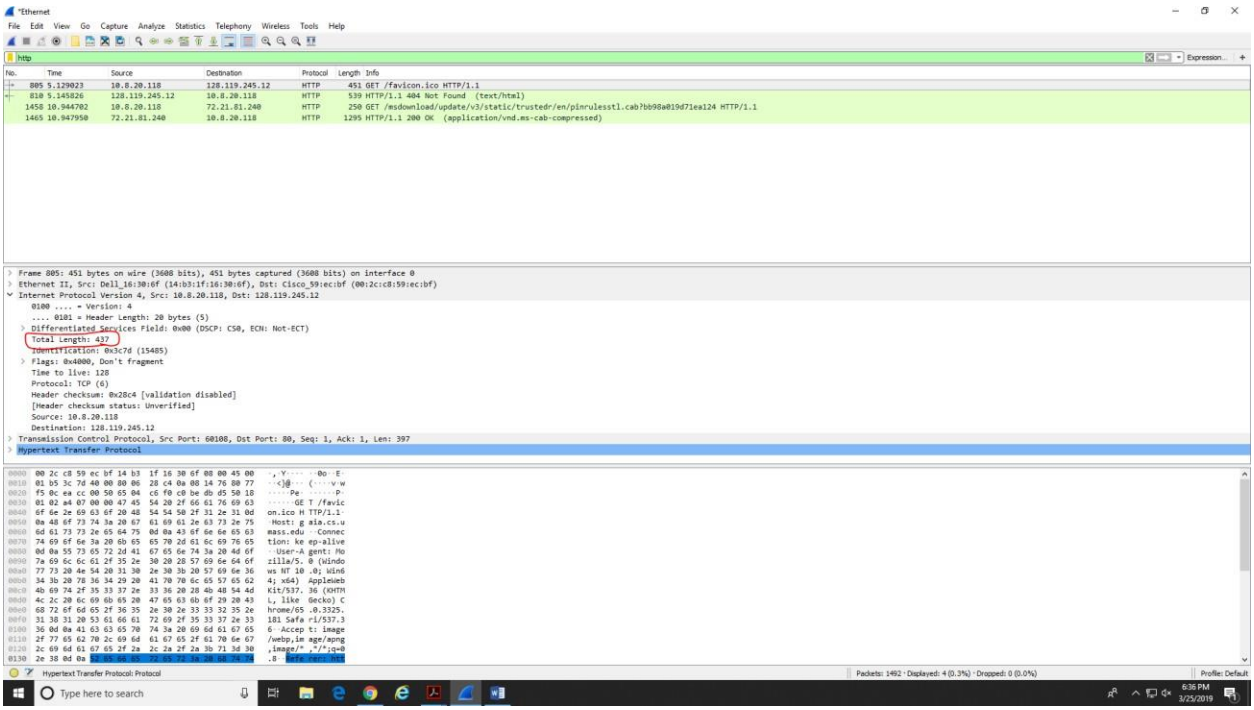
Questions:

1. What is the IP address of your computer? – Wireshark screenshot not, Terminal



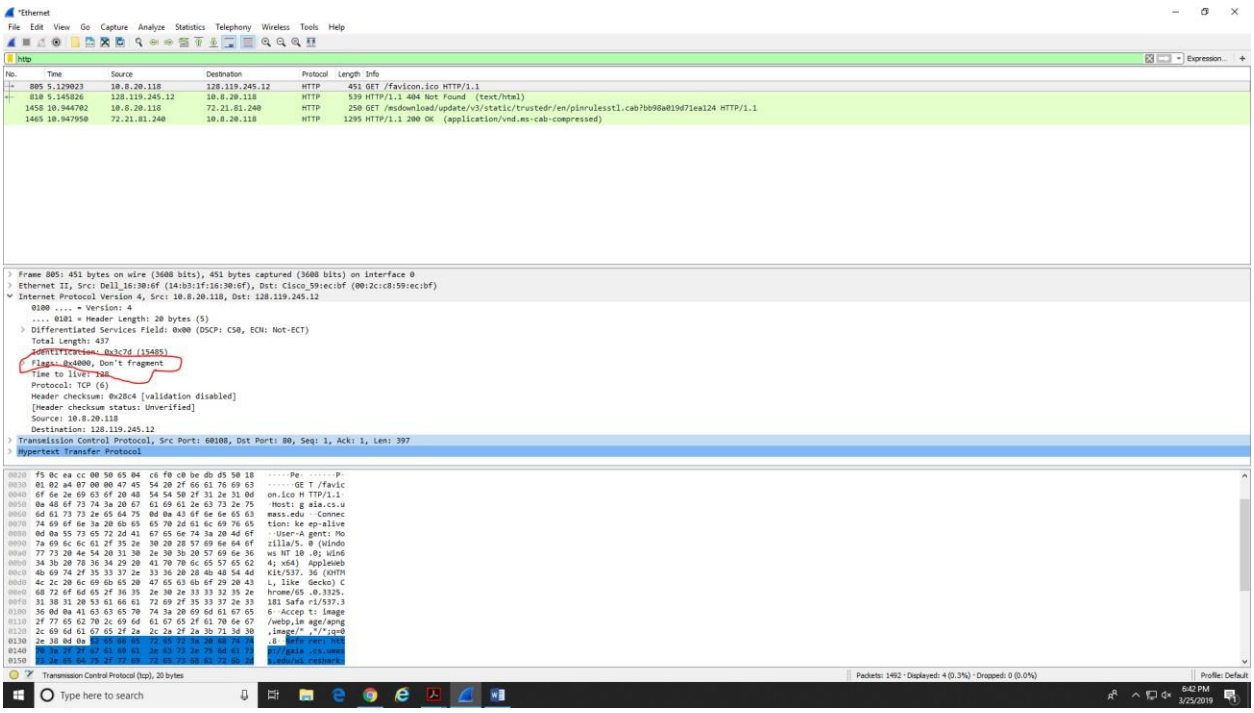
2.What is the total length of the datagram?

The length is 437



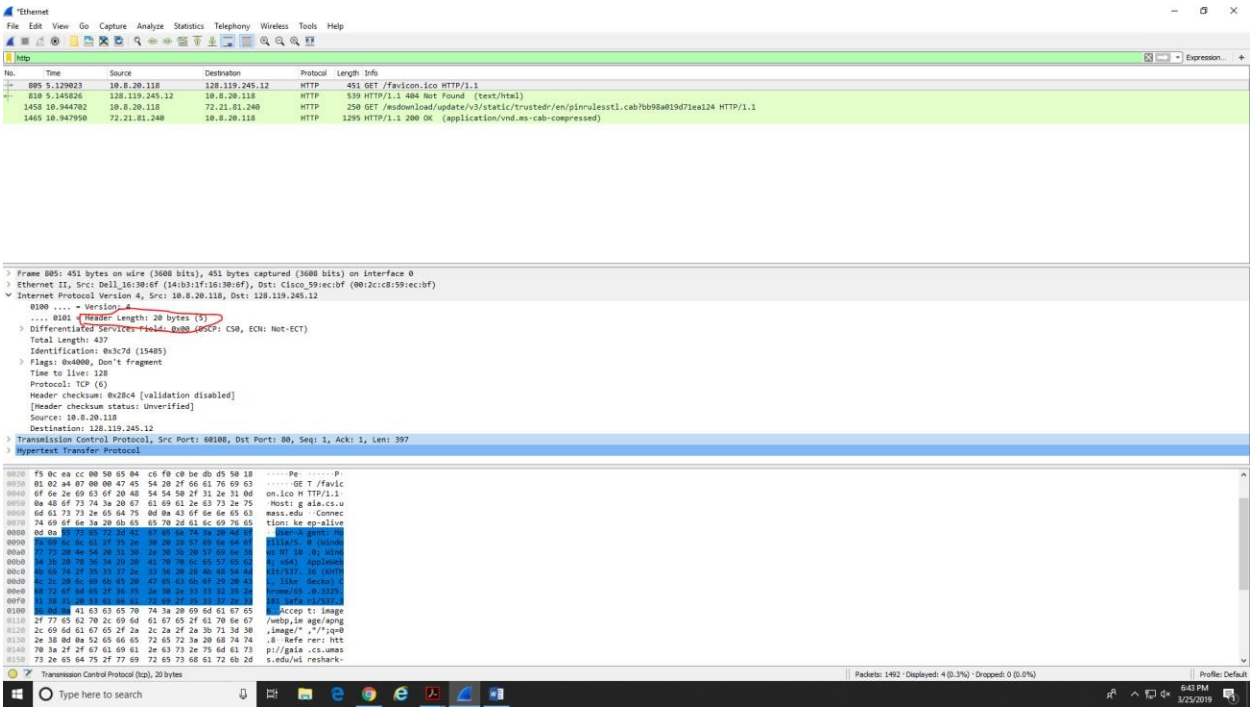
3. Has this IP datagram been fragmented?

No



4. How many bytes are in the IP header?

20 bytes



5. How many bytes are in the payload of the IP datagram? Explain how you determined the number of payload bytes.

There are417 bytes in the payload

The header is 20 bytes and the total is 437 bytes that gives is 417 bytes in the payload