

Wireshark Lab 2 - HTTP

IT 520-A – Enterprise Infrastructure & Networks

Instructions:

1. Part 1: Start up your web browser.
 2. Start up the Wireshark packet sniffer, as described in the Introductory lab (but don't yet begin packet capture). Enter "http" (just the letters, not the quotation marks) in the display-filter-specification window, so that only captured HTTP messages will be displayed later in the packet-listing window. (We're only interested in the HTTP protocol here, and don't want to see the clutter of all captured packets).
 3. Wait a bit more than one minute (we'll see why shortly), and then begin Wireshark packet capture.
 4. Enter the following to your browser: <http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html>
 5. Stop Wireshark packet capture.
- *(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. Is your browser running HTTP version 1.0 or 1.1?
2. When was the HTML file that you are retrieving last modified at the server?
3. What is the IP address of the gaia.cs.umass.edu server?
4. What languages does your browser indicate that it can accept to the server?
5. When was the HTML file that you are retrieving created at the server?

Don't forget to save your Wireshark Lab file.