

# Wireshark Lab 2 - HTTP

IT 520-A – Enterprise Infrastructure & Networks

Due Date: February 6th, 2018 (Handed in at the beginning of class)

## 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.

## Questions:

*(For each of these questions, take a screenshot of Wireshark, and attach it to your answer).*

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 your computer? Of the gaia.cs.umass.edu server?
4. What languages (if any) does your browser indicate that it can accept to the server?
5. When was the HTML file that you are retrieving last modified at the server?

Don't forget to save your Wireshark Lab file.