IS 504 – Lab #1

Due: November 1, 2023 – 23:30

Submission and Grading Policy

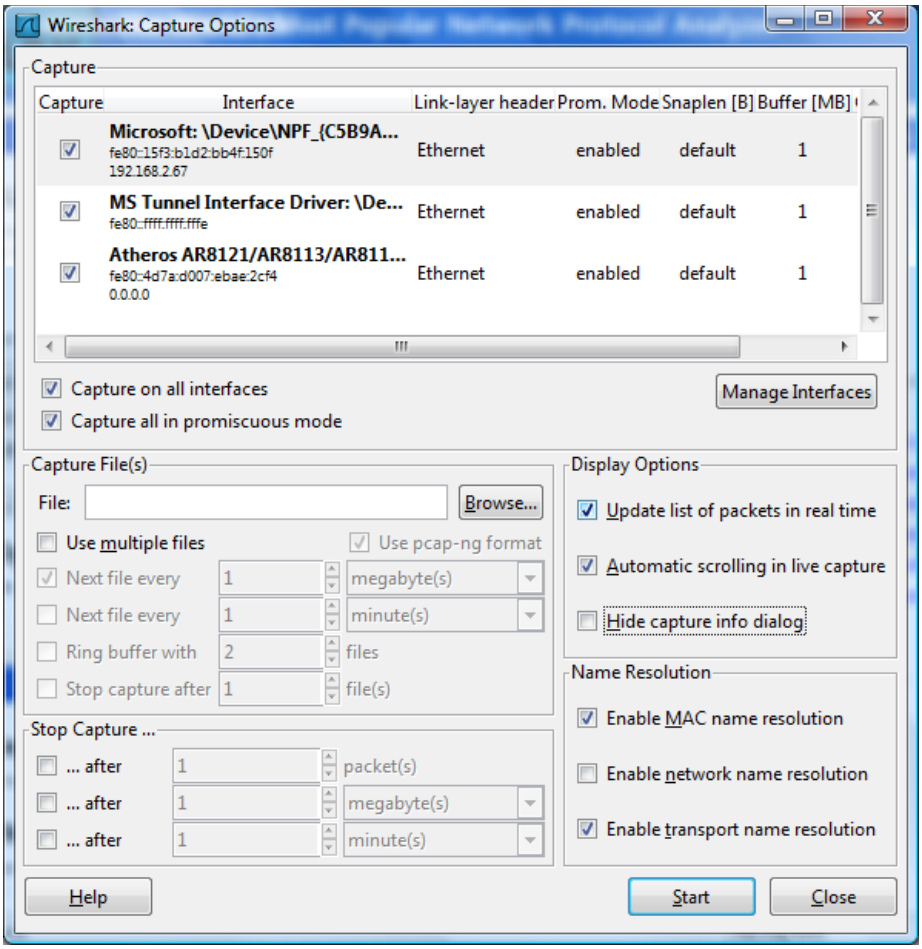
- This is an individual assignment. Please don't collaborate.
- You have to adhere to the academic integrity principles.
- Submit your assignments to the corresponding assignment link in https://odtuclass.metu.edu.tr.
- Solutions should be submitted in a single doc, docx or pdf file named: <metuusername>_Lab_1.<extension> (e.g., "e123456_Lab_1.pdf").
- In lab assignments, you must also upload the captured data file (.pcapng file). You should zip your assignment report and captured data file into zip format. Do not upload any other files.
- Late submissions can be accepted by November 5, 2023, 23:30 with 15% per day penalty.
- Do not hesitate to write your questions about the assignments to the related assignment topic under the Discussions - Q&A forum on ODTUClass.

Lab Homework Instructions

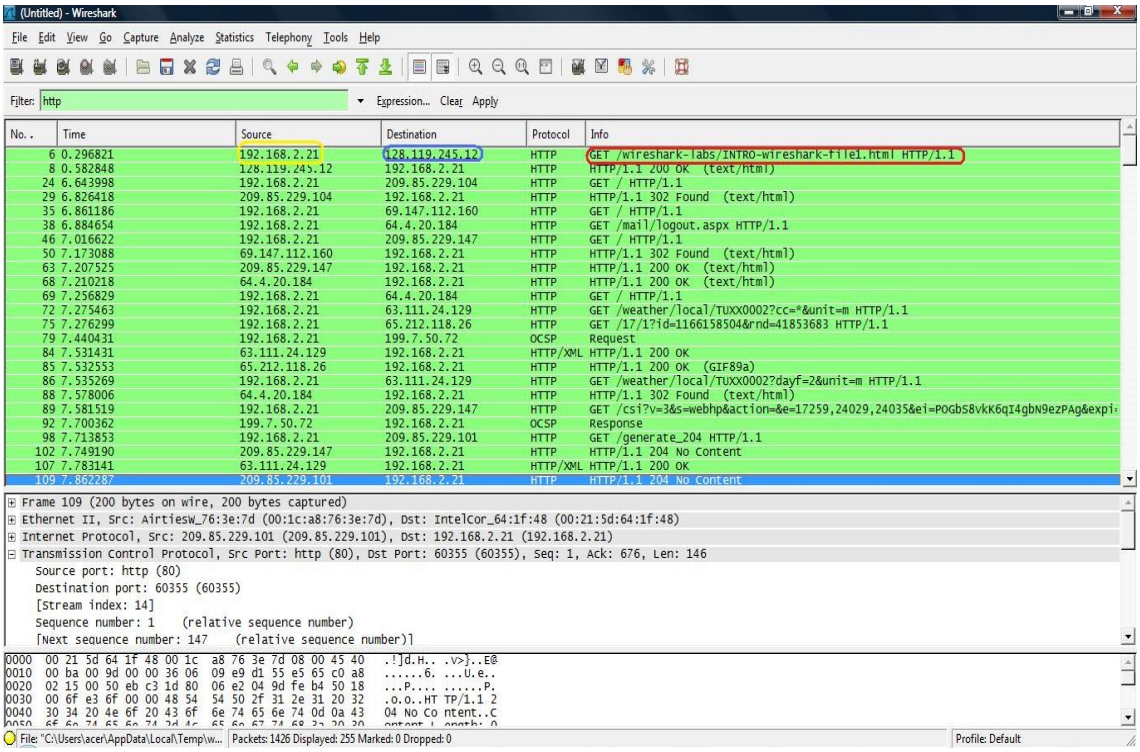
The goal of this first assignment is primarily to introduce you to Wireshark. Download "Wireshark" and based on the Wireshark experimentation in "Wireshark_Intro" document answer the questions under "What to hand in" section. Prepare **a report** covering the answers of these questions. Save the captured packet data in the extension of **.pcapng** used to obtain your solutions for the questions and **submit it along with your report.**

Notes:

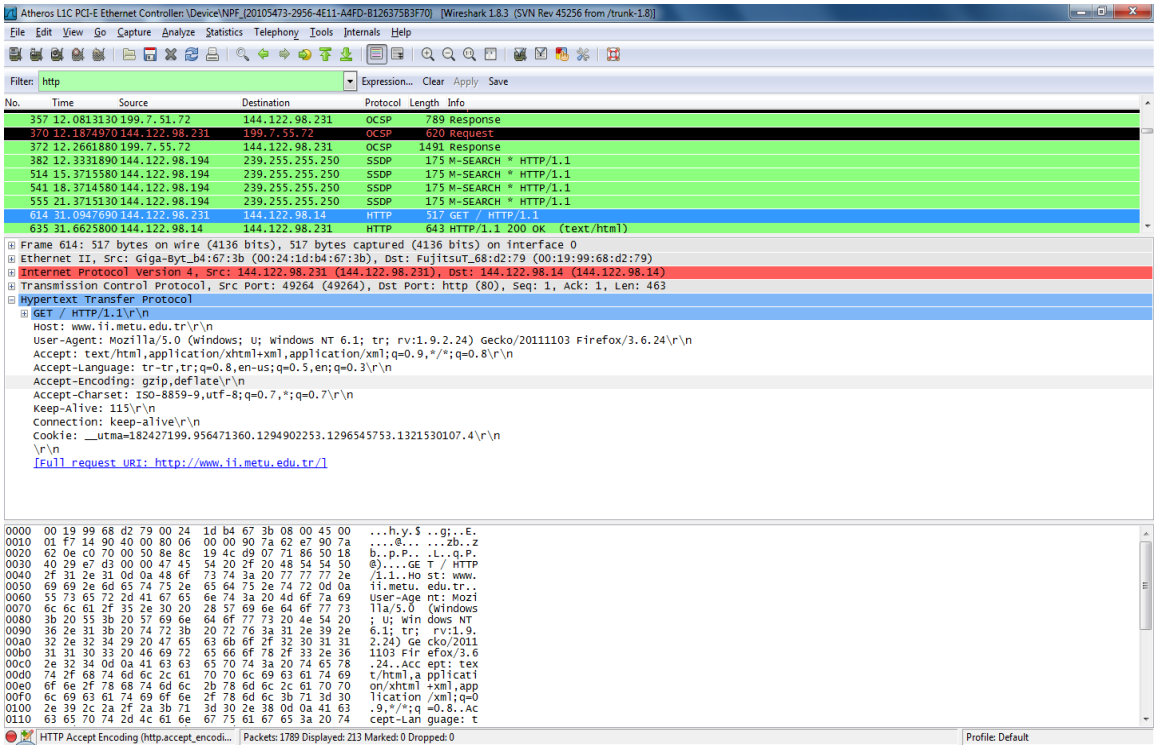
- In case your computer has more than one active network interface (e.g., if you have both a wireless and a wired Ethernet connection), you will need to select an interface that is being used to send and receive packets (mostly likely the wired interface). **Select "Capture on all interfaces" option as shown below figure.**



- **You should put all the screenshots of the captured data related with the answers.** Add each screenshot below the related answer in **your assignment report (not put them into a zip file)**. You should also **mark** the parts **pointing the answers** on the **screenshots** as shown below figure.



- Your screenshots related with **http protocol** includes the **details of selected packet header and packet content** as shown below figure.



- If the question says **"print"**, use the print option **“print the output to file”**. Then, open this file in notepad, take the screenshot of it as below figure and also put this screenshot to your assignment report.