Lab 8: Packet Sniffing and Spoofing Lab

The goal of this lab assignment is to let you get a solid understanding of the technologies underlying most of the sniffing and spoofing tools. Please refer to the following link at SEEDLabs:

https://seedsecuritylabs.org/Labs_20.04/Networking/Sniffing_Spoofing/

The lab description is at:

https://seedsecuritylabs.org/Labs_20.04/Files/Sniffing_Spoofing/Sniffing_Spoofing.pdf

Labsetup.zip files:

https://seedsecuritylabs.org/Labs_20.04/Files/Sniffing_Spoofing/Labsetup.zip

Please review the list of tasks below and work only on the required tasks.

If you have any questions, please let the instructor know.

Deliverables:

Upload a Word document containing each Task's terminal outputs (Use screenshots):

Please include all source code, shell commands, and running results in the lab report. That is, please describe what you have done and what you have observed, including screenshots and code snippets. Do not forget to include your observations when required.

Note: Include your code (or a screenshot of it) when (1) first calling the program and (2) when modifying the code. Work only on the required tasks as follows:

- Task 1.1 – 25 pts
    - Task 1.1A – 10 pts
    - Task 1.1B – 15 pts
- Task 1.2 – 25 pts
- Task 1.3 – 25 pts
- Task 1.4 – 25 pts

Total: 100pts