

Lab 1 - Wireshark Lab

This is an individual assignment, and worth 5 points.

The due date is Thursday 9 PM (10/3). It will be graded as pass/fail (5 or 0 points).

Change the file name following the naming convention (e.g., Lab1-AhS.docx).

Open the file “gen-googleopen.pcap” with WireShark and answer the following questions.

1. What is the MAC address of the gateway (router)?

00:13:46:cc:a3:ea

2. What is the value of the Name field in the first DNS query?

www.google.com

3. What layer 4 protocol is used in handling DNS query and response?

UDP.

4. What is the first SYN number of the client (use the absolute number)?

2060517643

5. What is the first SYN number of the server (use the absolute number)?

235066637