



Computer Networking

LAB 5 - UDP

STEPS

- ✖ Start capturing packets in Wireshark and then do something that will cause your host to send and receive several UDP packets.
- ✖ After stopping packet capture, set your packet filter so that Wireshark only displays the UDP packets sent and received at your host.
- ✖ Pick one of these UDP packets and expand the UDP fields in the details window.

QUESTIONS

1. Determine how many fields there are in the UDP header. Name these fields.
2. From the packet content field, determine the length (in bytes) of each of the UDP header fields.
3. The value in the Length field is the length of what?
4. What is the maximum number of bytes that can be included in a UDP payload.

QUESTIONS

5. What is the largest possible source port number?
6. What is the protocol number for UDP? Give your answer in both hexadecimal and decimal notation.
7. Search “UDP” in Google and determine the fields over which the UDP checksum is calculated.