



Chapter 3 Challenge Handout

Open A UDP Example

1. Examine frame 528, the DNS query

What is the Transport Layer protocol used?

2. Examine frame 533, the DNS response

What is the IP address for update.microsoft.com.nsatc.net?

Open A TCP Example

3. Display only HTTP traffic, and select frame 4

What is the Transport Layer protocol used?

4. Right click on Frame 4 and follow the stream

(a) What User-Agent is the client using?

(b) What type of language will the client accept?

Open ICMP Lynda

5. Record the Identification field value of the IP header for frame 1, 3, 5, and 7. What is relationship between these 4 values?

6. What is the average RESPONSE times for each of the REPLY messages?

Answers:

1. UDP 2. 65.55.184.151 3. TCP 4. (a) Mozilla (b) English 5. they increase by 1 6. 90 ms