

WIRESHARK ASSIGNMENT -1

1. What are the IP and MAC address of the server hosting Ceng Website?

- IP Address : 144.122.145.146
- Mac Address : 00:1b:21:d2:44:e5

2. What are the Number, Time, and Destination address of first packet with HTTP protocol?

- Number : 33
- Time : 4.579323
- Destination : 144.122.145.146

3. What are the Number and Time of the first 5 HTTP request packets sent to server?

- 1. Number : 33 Time : 4.579323
- 2. Number : 55 Time : 4.970084
- 3. Number : 62 Time : 4.974808
- 4. Number : 67 Time : 4.976050
- 5. Number : 70 Time : 4.976970

4. What are the Number and Time of 5 corresponding HTTP packets response to request packets mentioned in the previous question? Please indicate numbers of each matching request packet.

- 1. Number : 47 Time : 4.865192 (Response of Number 33)
- 2. Number : 134 Time : 4.986851 (Response of Number 55)
- 3. Number : 80 Time : 4.980133 (Response of Number 62)
- 4. Number : 101 Time : 4.983929 (Response of Number 67)
- 5. Number : 105 Time : 4.983932 (Response of Number 70)

5. How could a request and response packet be matched on a Wireshark environment?

- Once we click on any package on the home page of the Wireshark environment, the matching line to the matching package is automatically drawn.
- As a second way, we need to double click to enter the frame with detailed information of any package. In this window, under Hypertext Transfer Protocol header, we can see which packet is the answer or request to any other packet.

6. Does web browser use persistent or non-persistent connection?
Briefly explain why.

- When we look at the Info column of first packet we can see GET / HTTP/1.1 information about packet. Its meaning is 'Persistent Connection' is used.