

1.

The image shows a Wireshark packet capture interface. The top section displays a list of captured packets with columns for No., Time, Source, Destination, Protocol, Length, and Info. The bottom section shows a detailed view of a selected packet (No. 5397), including its Ethernet II header, Internet Protocol Version 4 header, and Transmission Control Protocol header. The packet details show it is a TCP segment from 192.168.0.102 to 217.73.160.140, sequence number 55540, acknowledgment number 443, and length 86 bytes.

2.

Tipuri de protocal :

-TCP

-DNS

-QUIC

-MDNS

-IGMPv3

3.

Nume: Roșca(5 litere)

$$5 \times 2 \times 1 \times 10 = 100$$

La pachetul 100 se afla timpul de achiziție 2.152430

4.

Prenume : Albert(6 litere)

$$6*2*1*10 = 120$$

Volumul de date aflat la linia 120 este de 1466 bytes (11728 bits)

5.

PAUL

80 65 85 76

01010000 01000001 01010101 01001100

Primi 10 bits:

0101000001

0101 → 10101

0000 → 11110

0100 → 11101

0001 → 00001

0101 → 10101

0101 → 10101

0100 → 11101

1100 → 11001

56 (PAUL) 10101 11110 11101 00001 10101 10101 11101 11001

56 (PAUL) primi 10 bits 10101 11110 00001

RT



NRZI



Manchester

