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Wireshark UDP:-

1) There are four fields in the UDP header:-

* Source Port.
* Destination Port.
* Length.
* Checksum.

2) Length of each of the UDP header fields:-

* Source Port: 2 bytes
* Destination Port: 2 bytes
* length: 2 bytes.
* checksum: 2 bytes.

3) The value in the Length field is the length of all the four UDP header fields + UDP payload size.

Verify:- Length of all four UDP header field = 2+ 2+2+2
= 8 bytes

Size of UDP Payload = 43 bytes.

∴ Length: 51 (43+8) bytes. [verified]

4) The maximum number of bytes that can be included in a UDP payload is $2^{16} - 1 - 8$, that is 65527 bytes maximum can be included in a UDP payload.

5) The largest possible source port number
$$= 2^{16} - 1 \quad (\text{Source port length is 2 bytes on 16 bits})$$
$$= 65535$$

6) The protocol number of UDP:-
    hexadecimal notation: 0x11
    decimal notation: 17

7) Sender's destination port number = Receiver's source port number.

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