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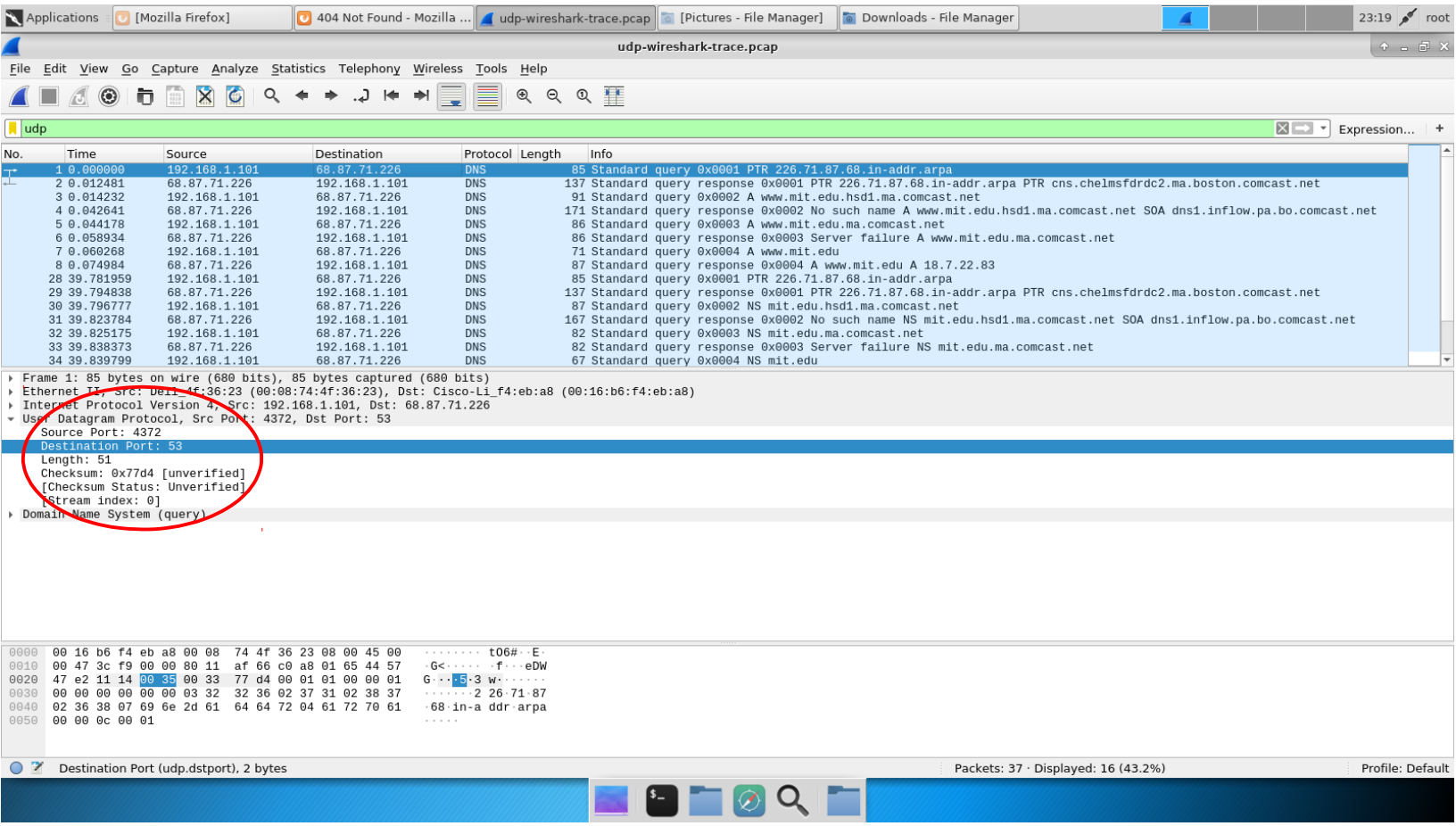
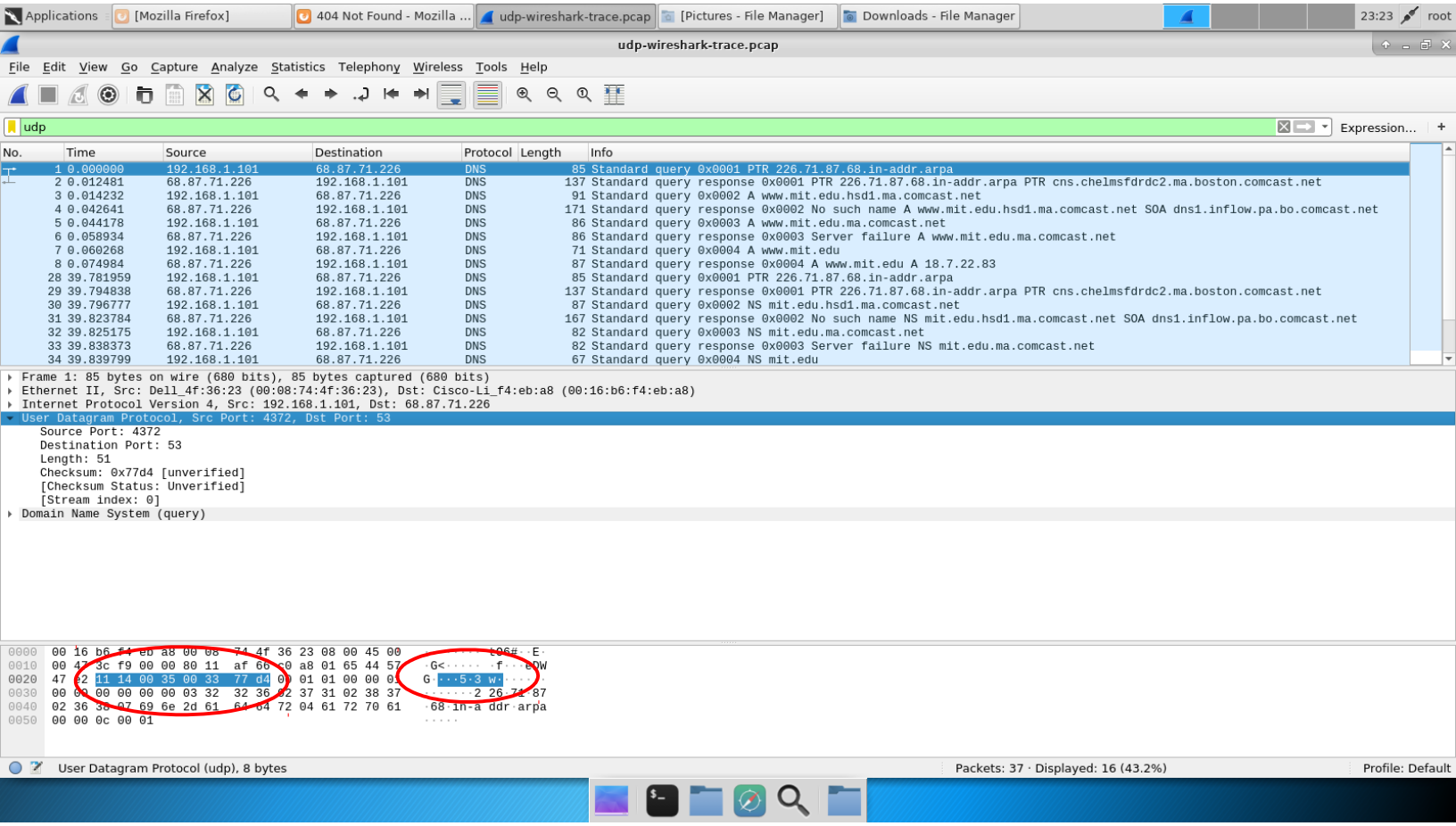
Wireshark Lab: UDP

Questions:

1. There are four fields in the UDP header:
    - Source Port
    - Destination Port
    - Length
    - Checksum



2. Each of these fields are 2 bytes long, for a total udp header length of 8 bytes

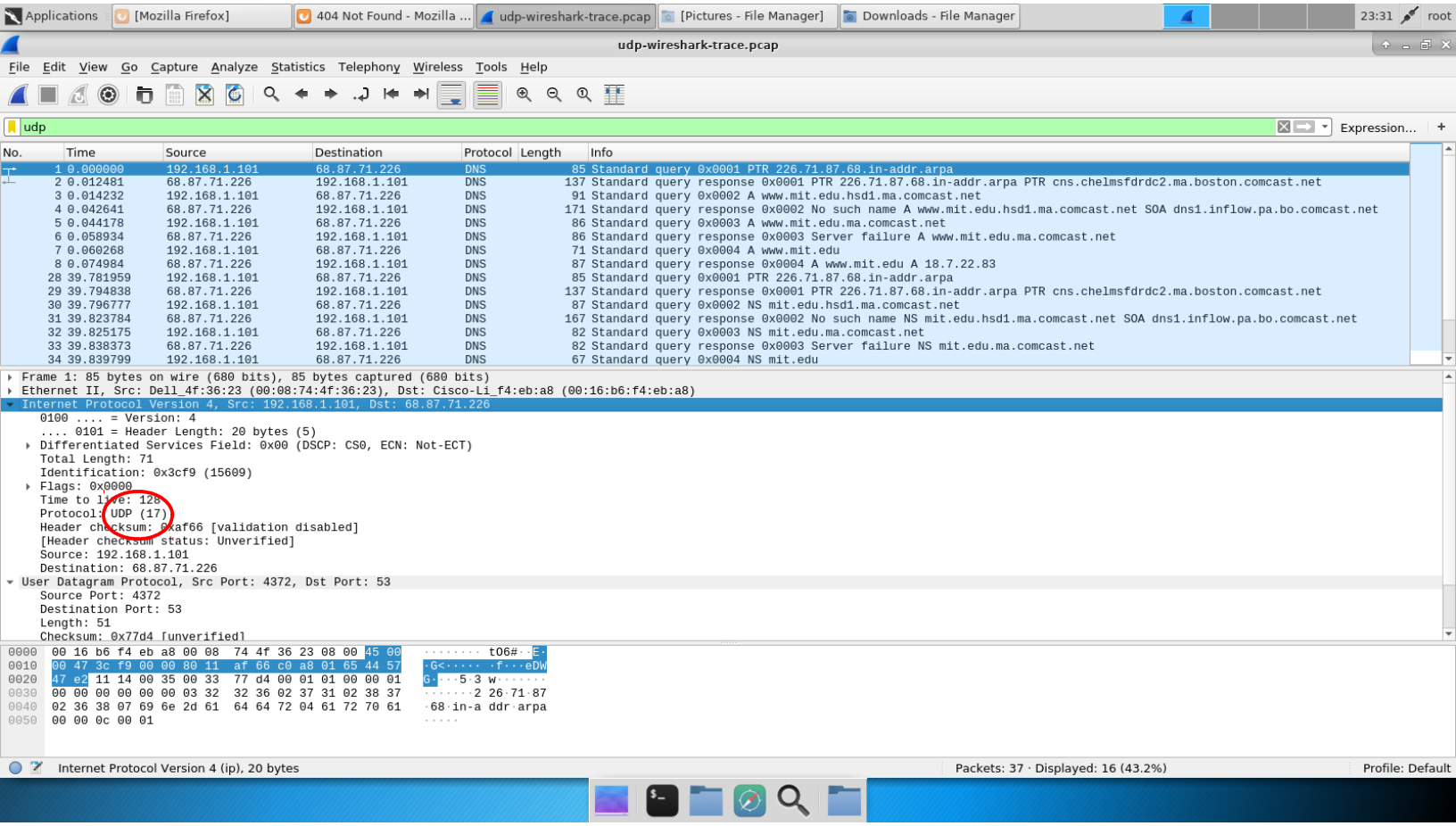


3. The length field is the number of header bytes, 8, plus the number of udp data bytes, in this case, 42.

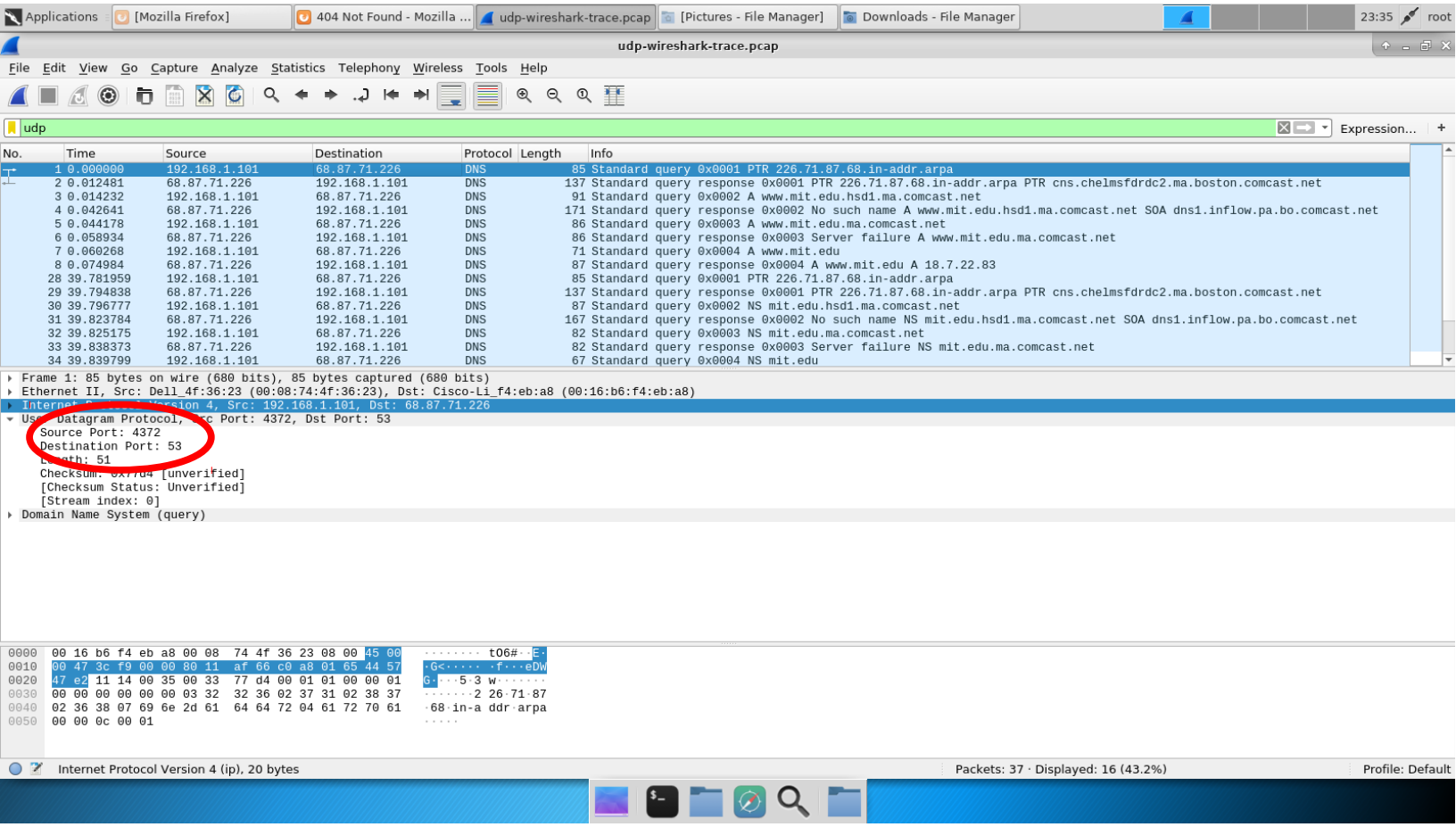
4. 2^16 – 1 = 65535 bytes possible minus the header = 65527 bytes

5. Largest source port number would be 65535

6. The UPD protocol number is 17 or 0x11 in hex.



7. UDP sent by the host has source port as 4732 and destination as 53. UDP reply to the host has these values reversed, showing that the same ports are being used.



And the response: