COMP 3203 Wireshark 9

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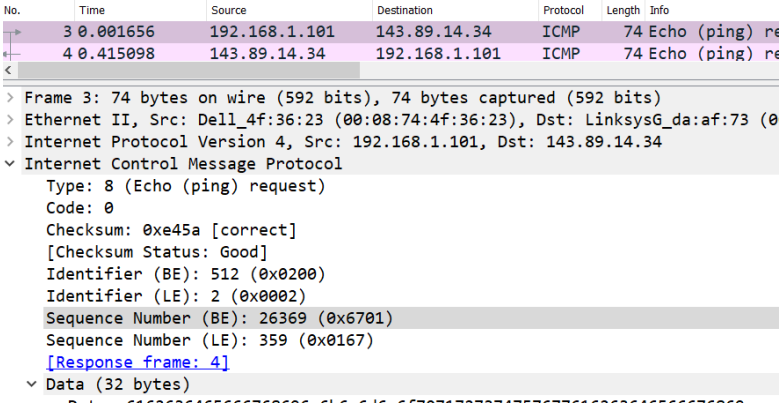
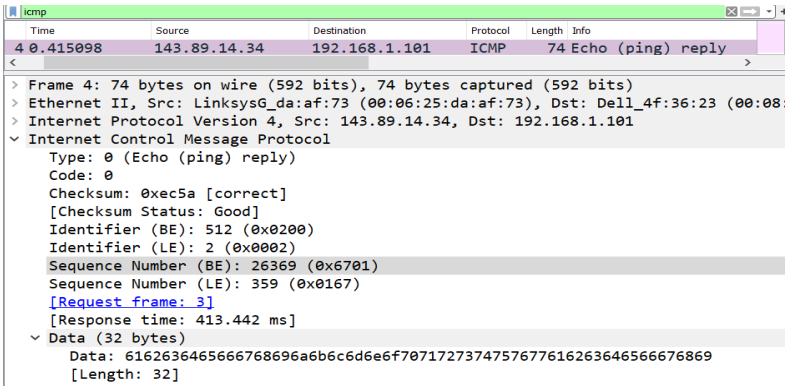
1. The IP address of host is 192.168.1.101. IP address of the source is 143.89.14.34.

2. Since they are designed to communicate network layer information between hosts and routers and not between application layer processes.

3. The ICMP type number is 8 and code is 0
   The other fields present are Checksum, Identifier, Sequence Number and Data fields.
   They are each 2 bytes.



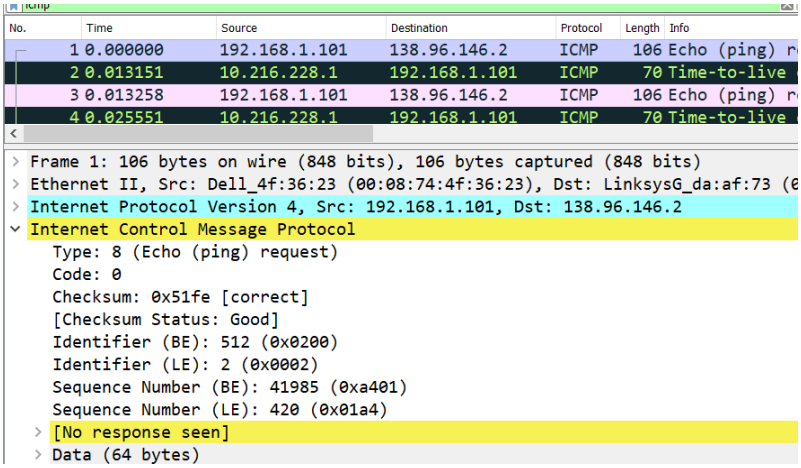
4. Type is 0 and code is 0.
   It contains checksum, Identifier, Sequence number and Data.
   The checksum, sequence number and identifier fields are 2 bytes each respectively.



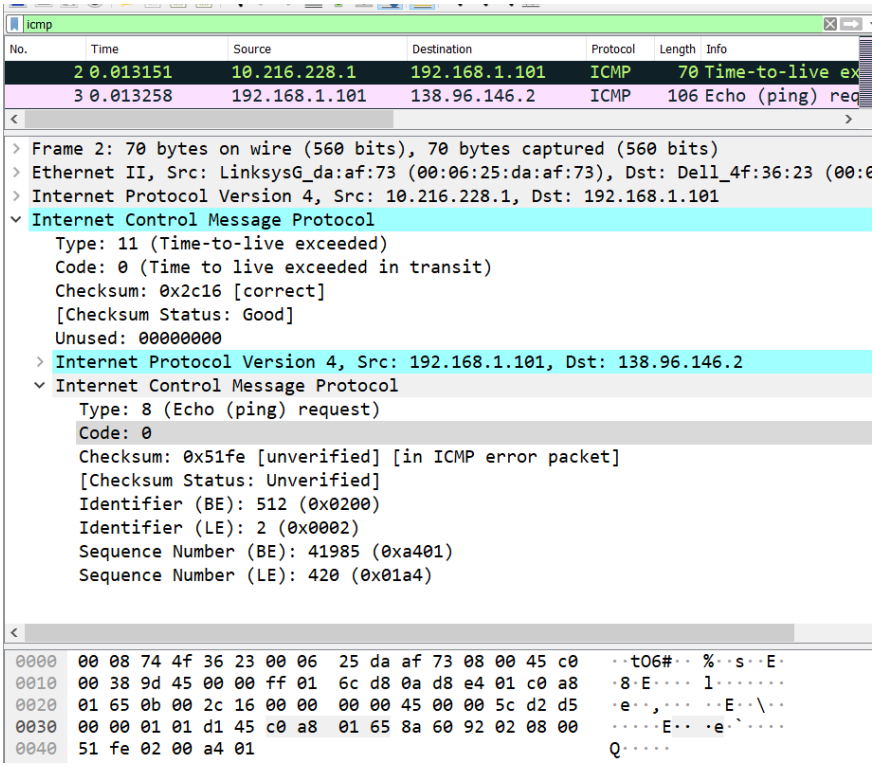
5. IP Address of the host is 192.168.1.101
   Target destination is 138.96.146.2

6. Instead of 01 it would be switched to 0 X 11.

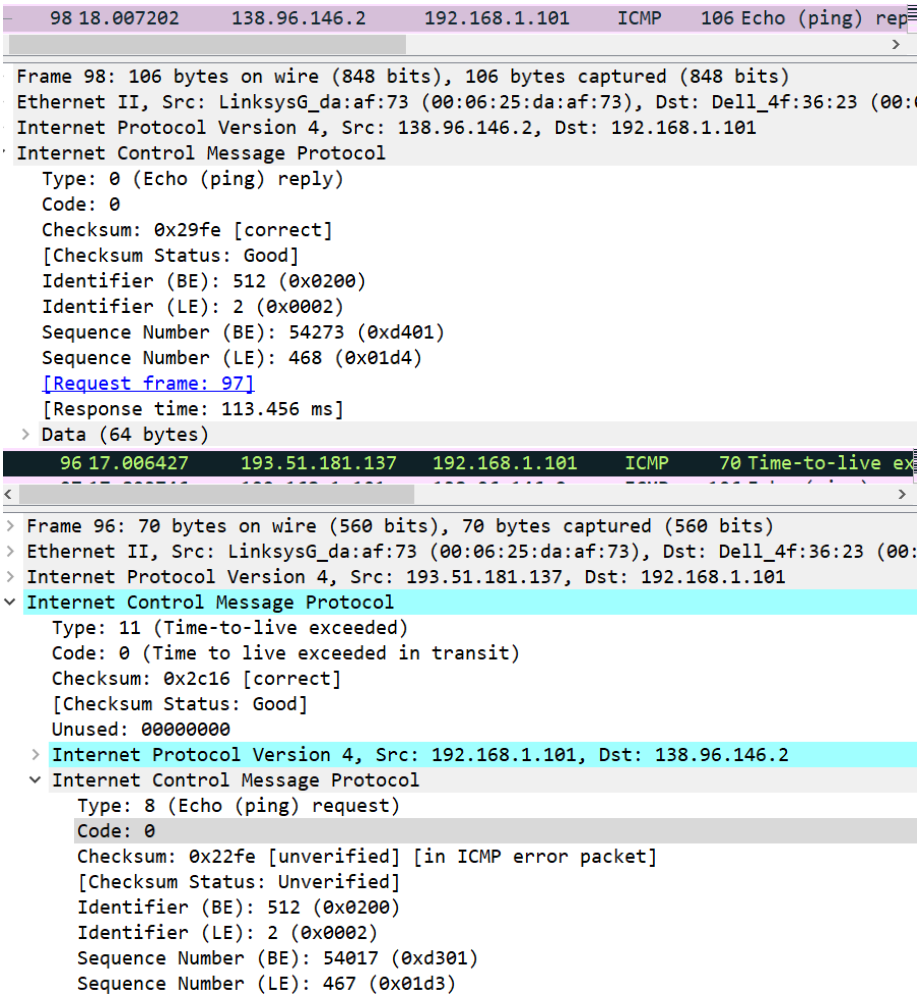
7. They are the same as that of the first half of the lab



8. They include the IP header as well.



9. Their Message type is 0 rather than 11 from the TTL expired.
   the main reason is because they made it all the way to the destination within the Time to live period.



10. There is a significant delay between step 9 and 10 as seen in the ss of figure 4
    Whereas in my ss (the black one) we can see it from step 11 and 12
    For figure 4 the link is New York City or nyc open transit and Pastourelle opentransit

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C:\Users\nirmi>tracert www.inria.fr

Tracing route to inria.fr [128.93.162.83]
over a maximum of 30 hops:

  1     3 ms     3 ms     3 ms  mynetwork [192.168.2.1]
  2     9 ms    10 ms    13 ms  10.11.3.89
  3     *        *        *     Request timed out.
  4    10 ms    10 ms    10 ms  dis33-ottawa23_ae3.net.bell.ca [64.230.52.63]
  5     *        *        *     Request timed out.
  6     *        *        *     Request timed out.
  7    27 ms    28 ms    26 ms  cr01-toroon2147w-bundle-ether9.net.bell.ca [142.124.127.118]
  8     *        *        *     Request timed out.
  9    28 ms    38 ms    30 ms  tcore3-chicagocp-bundle-ether15.net.bell.ca [142.124.127.96]
 10    27 ms    30 ms    27 ms  bx10-chicagodt_ae0.net.bell.ca [64.230.78.173]
 11    65 ms    28 ms    26 ms  bx10-chicagodt_et-8/1/2_ae8.net.bell.ca [184.150.181.36]
 12   119 ms   121 ms   119 ms  et-3-3-0.cr2-par7.ip4.gtt.net [213.200.119.214]
 13   118 ms   115 ms   116 ms  renater-gw-ix1.gtt.net [77.67.123.206]
 14   116 ms   117 ms   118 ms  te1-1-inria-rtr-021.noc.renater.fr [193.51.177.107]
 15   119 ms   119 ms   119 ms  inria-rocquencourt-gi3-2-inria-rtr-021.noc.renater.fr [193.51.184.177]
 16   121 ms   118 ms   118 ms  unit240-reth1-vfw-ext-dc1.inria.fr [192.93.122.19]
 17   119 ms   120 ms   120 ms  prod-inriafr-cms.inria.fr [128.93.162.83]

Trace complete.
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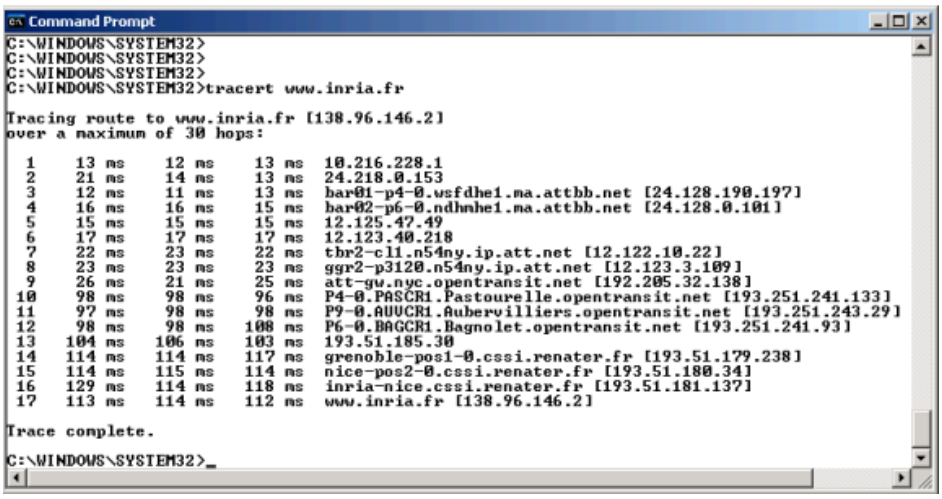

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