L07: UDP

*Due Friday Apr 9*

qanda

Use this [UDP Printout (Links to an external site.)](https://429.scrivnor.cikeys.com/UDP-packet.pdf) to answer the following questions:

1. The Ethernet header is 14 bytes, the IP header is 20 bytes, circle the first byte of the UDP header.
2. Identify each field of the UDP header with a different highlight color matching in both the *packet details* and the *packet bytes*.
3. Draw a square around the protocol number in the IP header for UDP. What is the decimal value?

**17**

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Complete the [13 questions (Links to an external site.)](https://gaia.cs.umass.edu/kurose_ross/interactive/rdt22.php) with this interactive website.

1. Submit the answers in a text file (they are case insensitive).

## QUESTION 1 OF 13

At time t=0, what is the sender state?

wait for ACK 0

## QUESTION 2 OF 13

At time t=0, what is the receiver state?

wait for 0 from below

## QUESTION 3 OF 13

At time t=0, what is the sequence/ack # of the packet?

0

## QUESTION 4 OF 13

At time t=1, what is the sender state?

Wait for ACK 0

## QUESTION 5 OF 13

At time t=1, what is the receiver state?

Wait for 1 from below

## QUESTION 6 OF 13

At time t=1, what is the sequence/ack # of the packet?

0

## QUESTION 7 OF 13

At time t=2, what is the sender state?

Wait for ACK 0

## QUESTION 8 OF 13

At time t=2, what is the receiver state?

Wait for 1 from below

## QUESTION 9 OF 13

At time t=2, what is the sequence/ack # of the packet?

0

## QUESTION 10 OF 13

At time t=3, what is the sender state?

Wait for ACK 0

## QUESTION 11 OF 13

At time t=3, what is the receiver state?

Wait for 1 from below

## QUESTION 12 OF 13

At time t=3, what is the sequence/ack # of the packet?

0

## QUESTION 13 OF 13

How many times is the payload of the received packet passed up to the higher layer?

1