

Your name:

1. Suppose two hosts are communicating via a stop-and-wait protocol. Now suppose one host sends a frame, and never receives an acknowledgment. Which of the following is true?

- (a) the frame never arrived at the destination
- (b) the frame arrived at the destination, but the ACK got lost
- (c) Either (a) or (b), but not both
- (d) none of the above

If a frame is sent, and ARQ protocol is in use, and the corresponding ACK is received this means the frame was lost or the ACK was lost. The answer is (c).

2. Suppose two hosts are communicating via a stop-and-wait protocol. Suppose one sends a frame, but never receives the corresponding ACK. What happens next?

- (a) the sender re-transmits the same frame
- (b) the sender sends a different frame
- (c) the sender sends a NAK
- (d) the sender sends an ACK

If the sender doesn't receive an ACK, it retransmits the same frame.