

- a. The segments sent from A to S.
- b. The segments sent from B to S.
- c. The segments sent from S to A.
- d. The segments sent from S to B.
- e. If A and B are different hosts, is it possible that the source port number in the segments from A to S is the same as that from B to S?
- f. How about if they are the same host?

P8. Draw the FSM for the receiver side of protocol rdt3.0.

P15. Consider the cross-country example shown in **slide 3-45**. How big would the window size have to be for the channel utilization to be greater than 98 percent? Suppose that the size of a packet is 1,500 bytes, including both header fields and data.