

True or False?

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Informal Quiz 3

- The Nagle algorithm in TCP is intended to allow the ack and echo data to be combined.
- TCP is called “self-clocking” because the source sends a new packet into the network only upon receiving an ack.
- TCP by default uses a go-back-N retransmission policy
- A reason why fast-retransmit results in low throughput due to bursty drop is because it performs multiplicative decrease for each of the packets lost.
- TCP can control throughput & delay of a connection, and backs off during loss.
- The RFC 793 RTT estimator could only tolerate variances of upto 30%
- Anything slower than a multiplicative decrease and anything faster than a linear increase of congestion window can lead to instability.
- The slow-start exponential increase allows faster-than-linear increase and can work in general without congestion avoidance
- The persist timer is used by an ftp server to detect and close idle TCP connections
- Karn’s algorithm would be triggered often on a wireless or radio link.
- Delayed-acks are good for interactive traffic, but bad for bulk traffic.

Marks = Correct Answers _____ - Incorrect Answers _____ = Shivkumar Kalyanaraman
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