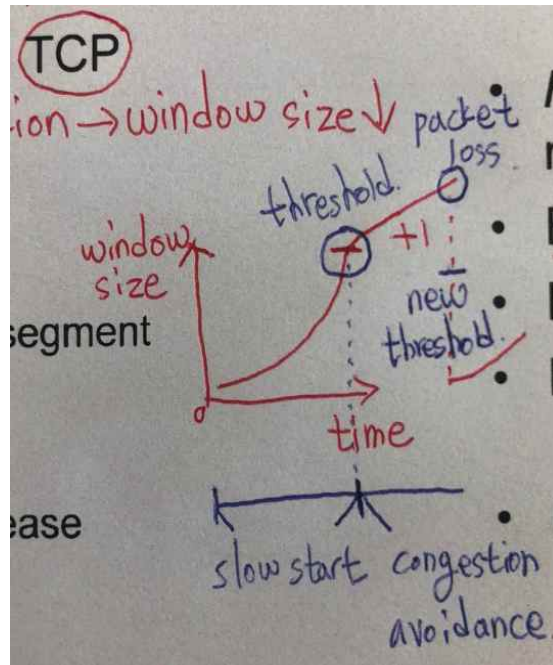


1. Choose all features of TCP.

- ① Message Interface ② Connection-oriented ③ simplex
④ best effort ⑤ retransmission ⑥ end-to-end

2. Show the growth of window size caused by slow start and congestion control.



3. Which of UDP and TCP is better for the communication between DNS server and client. (consists of two packets - DNS request, DNS reply)

>> DNS는 TCP와 UDP를 모두 사용하도록 설계되었으나 UDP의 속도가 훨씬 빠르기 때문에 보통 기본값은 UDP로 설정되어있다. 하지만 요즘의 환경에서는 많은 경우 UDP를 사용할 수 없어(많은 경우 512B초과) TCP를 사용한다.

4. Find an item which is caused by the packet loss.

- ① retransmission ② ACK ③ delayed ACK
④ congestion avoidance ⑤ larger window size ⑥ flow control