

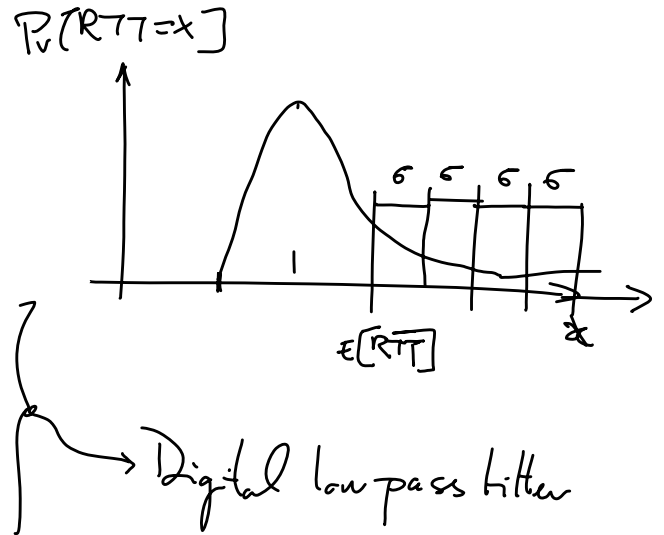
Lecture 6

Retransmission time-out.

$$RTO = SRTT + 4 RTTVAR$$

$$SRTT \leftarrow \frac{1}{8} RTT + \frac{7}{8} SRTT.$$

$$RTTVAR \leftarrow \frac{1}{4} |SRTT - RTT| + \frac{3}{4} RTTVAR$$

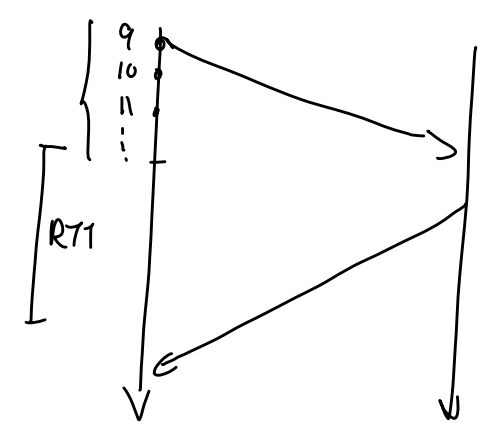
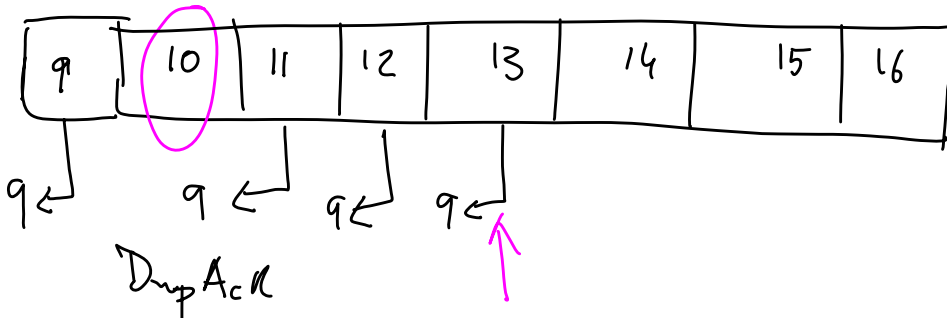


Karr's algorithm

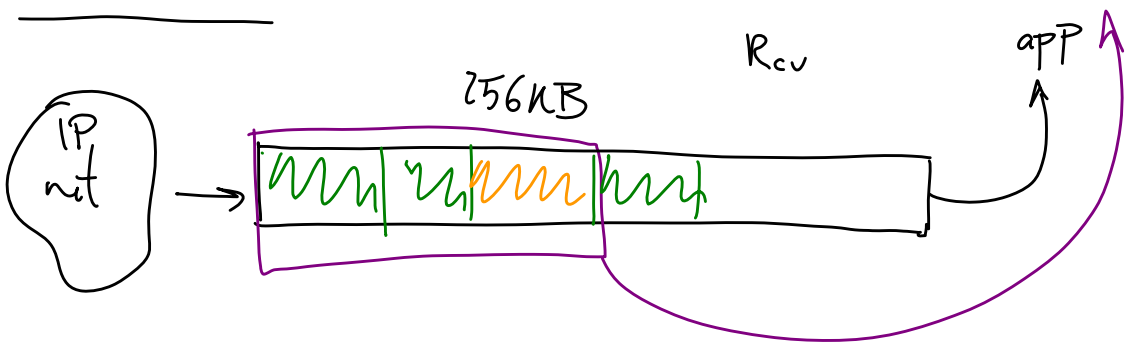
Double RTO whenever RTO expires.

Losing SYN's have noticeable effects. (3s + 6s + 12s + 24s - - -)

Fast Retx



Flow control



Adv window = free space in recv buffer.

Sender has outstanding data \leq adv window.

