

Cwnd	ssthresh	Algorithm	Sender	Receiver
1	5	slow start	Seq=1	
2	5	slow start	Ack=2	
			Seq=2	
			Seq=3	
4	5	slow start	Ack=4	
			Seq=4	
			Seq=5	
			Seq=6	
			Seq=7	
6	5	Congestion Avoidance	Ack=6	
			100ms	
			Seq=8	
			Seq=9	
			Seq=10	
			Seq=11	
6	5	Congestion Avoidance	Ack=6	
6	5	Congestion Avoidance	Ack=6	
3+3=6	$\max(2, \frac{6}{2}) = 3$	Fast Retransmit	Ack=6	
6+1=7	3	Fast Recovery	Ack=6	
			200ms	
			Seq=6	
			Seq=12	
			Ack=12	
			Ack=13	
			Seq=13	
			Seq=14	
			Seq=15	
			Ack=16	
cwnd = ssthresh = 3	3	Fast Recovery over		
ss after FR: 3+1=4	3	Congestion Avoidance		
$4 + \frac{1}{4} \approx 4$				
$4 + \frac{2}{4} \approx 4$ (15)				
$4 + \frac{3}{4} \approx 4$ (16)	3	Congestion Avoidance		