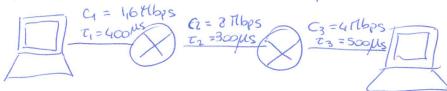
## ESERCIZIO 2 - ESONGRO 20/12/2019



$$N_{SS} = \frac{66560}{128.8} = 65$$

$$[\frac{34}{16}] = 3 RT$$

$$T_{ij} = \frac{\frac{1552}{1600000}}{1600000} = 970 \,\mu\text{S}$$

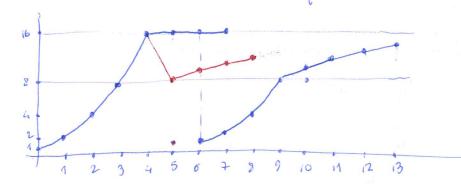
$$T_{A_1} = \frac{66.8}{16000} = 330 \mu s$$

$$T_{A3} = \frac{528}{4000000} = 132 \mu s$$

$$RTT = T_0 + T_1 + T_2 + T_3 + T_3 + T_{A_1} + T_1 + T_{A_2} + T_2 + T_{A_3} + T_3 =$$

$$= 970 + 400 + 194 + 300 + 388 + 500 + 390 + 400 + 66 + 300 + 132 + 500 = 4480 \, \mu s = 4480 \, \mu s = 4480 \, \mu s$$

Al tempo 18 ms Nempono persi Lutti i segmenti RTO = 2RTT4 = 9 ms



1 | SS = 31 Mss  
Reg. = 34 Mss  

$$SS_1 = 15 Mss$$
  
 $SS_2 = 15 Mss$   
 $CA = 35 Mss$ 

Al tempo 18 viene perso un solo segmento, tose oli forst retransmit all'avrivo del torzo ack duplicato ci-inio il segmento perso (in questo coso il 10) e parmo alla fasedi fast recorbry "CWNO = CWNO/2 e SSTH = CWND/2, resporte dalla fase di congestion avoidance.