



(iii) Aldert bruffen, and sed tood in o b Rx (iv) VACK see num of RX
(V) SYN =0, (VI) APP dates in this segment
Convertion Telmination
Act FIN Remeetin will be closed Ack Deallocate buffers ctc & close
Pot Ferrant Com Magnet
Congestion control
- what is congestion?
- If no Cong. control, What will hoppen?
→ Large Delay → Parket loss
Scenario 1 : Infile Buffer of north
γ_{in}
) => Colzo delays

of you go close to Copraily " Scenano Congestion control - How to do? End-End Nhologer Corguna aprilled any essignee congestion antiel Sort bits Direct feedback by Rowley Is Sender TCP Congestion Control (End-End besed without any help

Adopt the rete at which Tx sends baserd on indicators like (Window (an)

(hire) -> long delays in Acks Slow Start - CW = 1 > (slan sotte) - when an Ack is received, CW=CW+1. OUDDIT CW = TX 0 1 1 1 1 1 CW-3 A1 12 of petets in RTT x Acky TETUSTO CHULY KAZ PY CM= 011 cm 1+17 H. CW doubles for every RTT Expotentially inereging Phase of CW. Congestion Avoidance Phose SS_threshold >> "y CW > ss_threshold

TX Stops Slow Start Phase

"CA Phase "Congytion avoidance" phase.

CW = CW + 1 for every new poly

for every RTT CW = CW+1.

Live a increase phase