TCP congestion control

‣ Approach: AIMD

‣ Sender increases sending rate (window size), probing for unused bandwidth, until loss occurs

   ‣ additive increase: increase cwnd by 1 MSS (maximum segment size) every RTT until loss detected

   ‣ multiplicative decrease: cut cwnd by half when loss is detected

additively increase window size …

…. until loss occurs (then cut window in half)

AIMD saw tooth behavior: probing for bandwidth

cwnd: TCP sender congestion window size