TCP overview

‣ TCP: Transmission Control Protocol

‣ Point-to-point; reliable in-order byte stream (sequence numbers); full duplex

‣ Connection-oriented, handshaking before data exchange

‣ Flow control: not sending too fast for the receiver to process (src and dot may have different network speeds). recv window, rwnd

‣ Congestion control: avoid congestion collapse (too many sources sending too much). congestion window, cwnd