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Peterson, Chapter 5.2, 6





























- Should sender transmit as soon as any space opens in receive window?
 - Silly window syndrome
 - receive window opens a few bytes
 - -sender transmits little packet
 - receive window closes
- Solution (Clark, 1982): sender doesn't resume sending until window is half open



Connections

- Both sender and receiver must be ready before we start to transfer the data
 - Sender and receiver need to agree on a set of parameters
 - ex: receive buffer size, initial sliding window variables
- Sender and receiver must agree when transfer is over
 - Both sides must discard state
- This is signaling
 - It sets up/tears down state at the endpoints
 - Compare to "dialing" in the telephone network



- Setup
 - assymetric 3-way handshake
- Transfer
 - sliding window; data and acks in both directions
- Teardown
 - symmetric 2-way handshake
- Client-server model
 - initiator (client) contacts server
 - listener (server) responds, provides service















