CSE/EE 461 Lecture 13 Connections and Fragmentation

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Peterson, Chapter 5.2

TCP Connection Management

Setup

assymetric 3-way handshake

Transfer

sliding window; data and acks in both directions

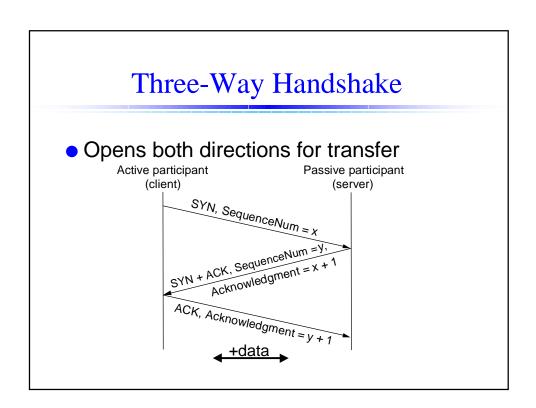
Teardown

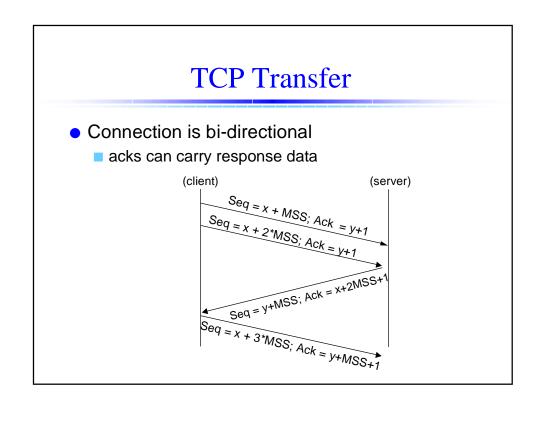
symmetric 2-way handshake

Client-server model

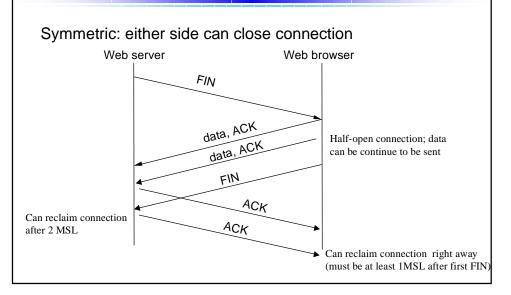
initiator (client) contacts server

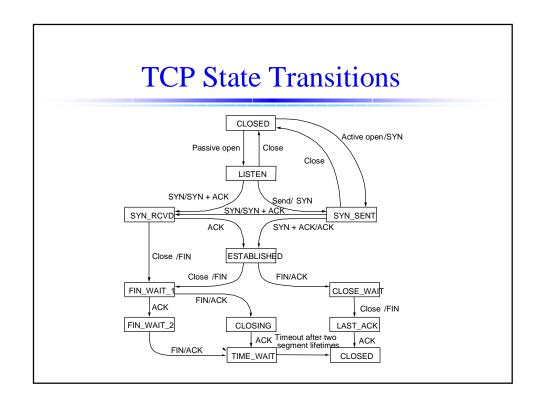
listener (server) responds, provides service

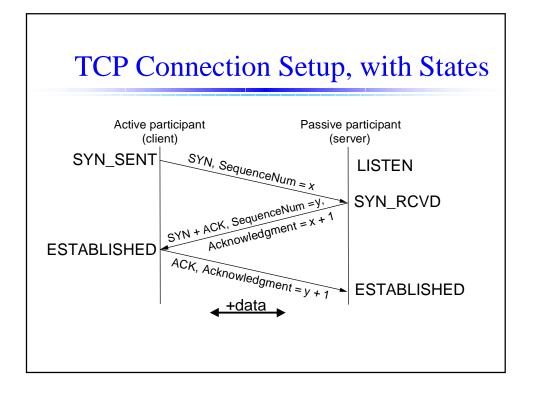


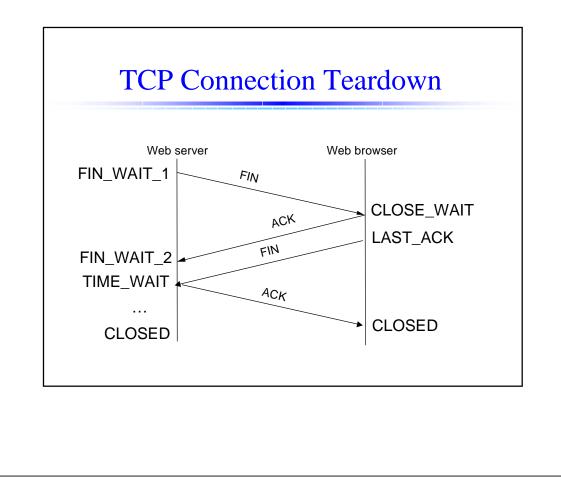














- We wait 2MSL (two times the maximum segment lifetime of 60 seconds) before completing the close
- Why?
- ACK might have been lost and so FIN will be resent
- Could interfere with a subsequent connection

