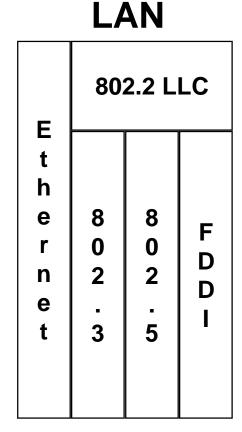
#### Physical and Data-Link Standards

Daita Link (irames)

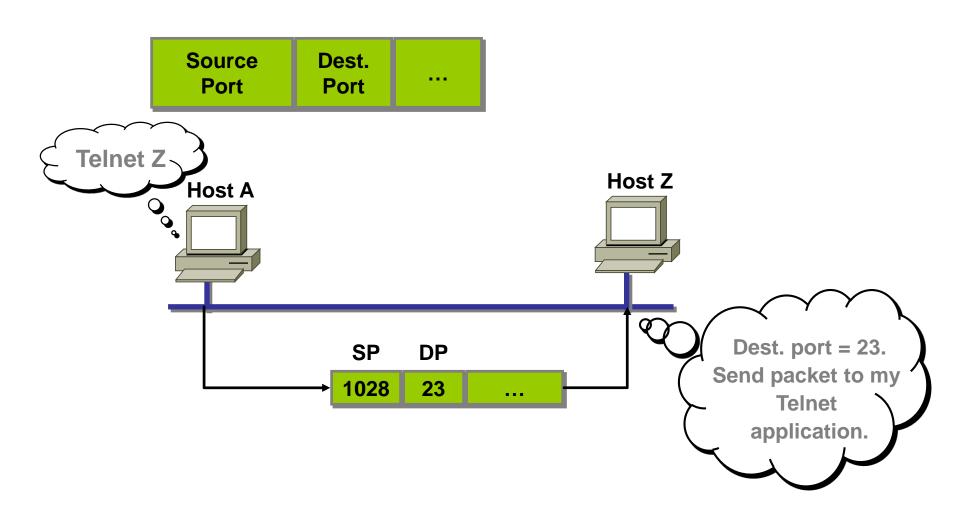
Physical (bits, signals, clocking)



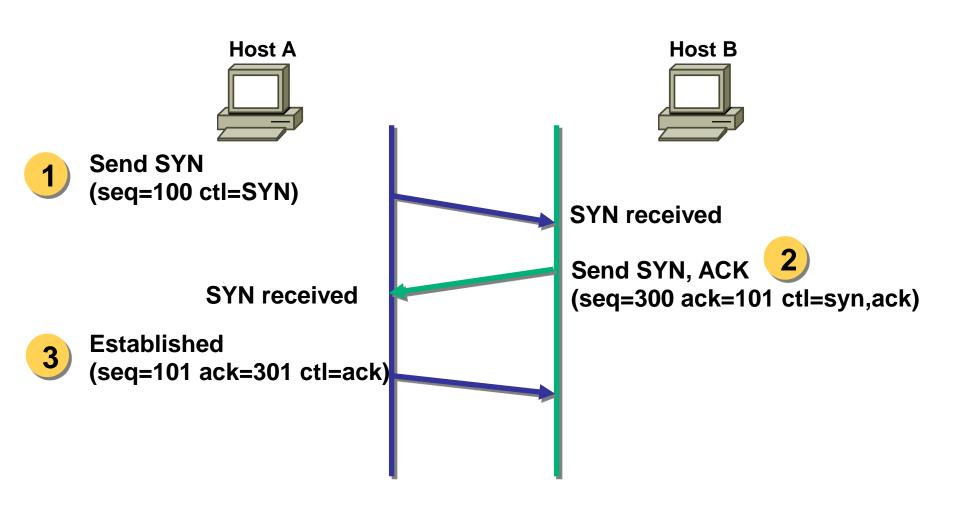
WAN				
Dial on Demand	SDLC	HDLC	X.25 Link Frame Relay	ISDN PPP
V.24 EIA-530 EIA/TIA-232 G.703 V.35 HSSI EIA/TIA-449				

Separate physical and data link layers for LAN and WAN

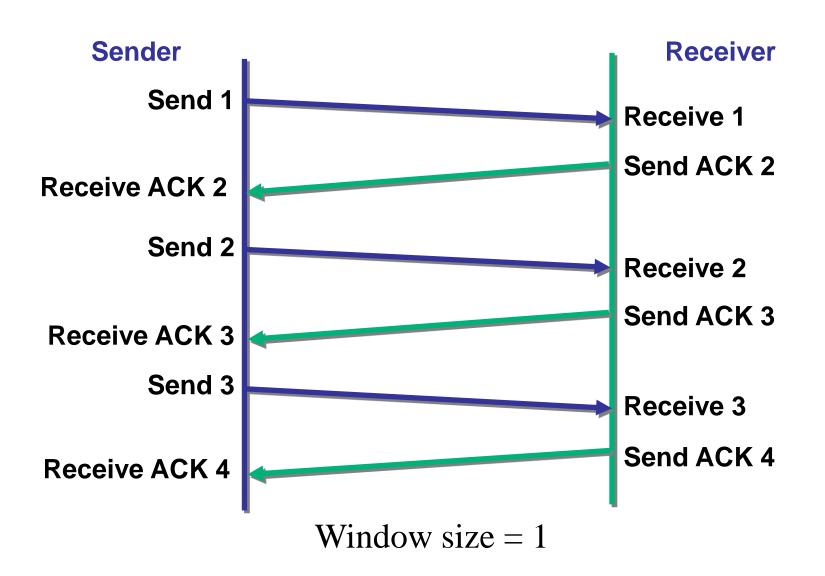
#### TCP Port Numbers

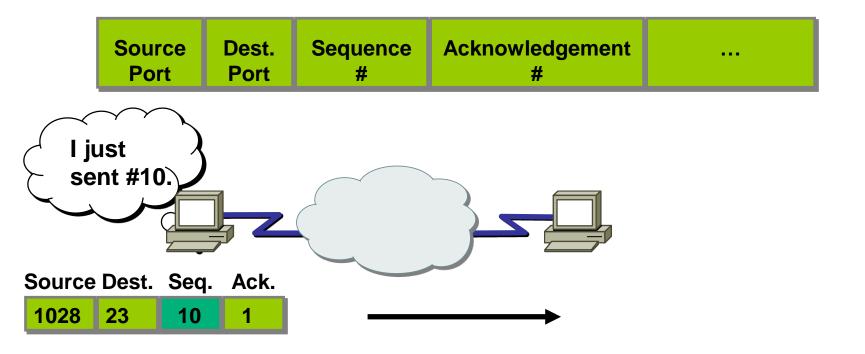


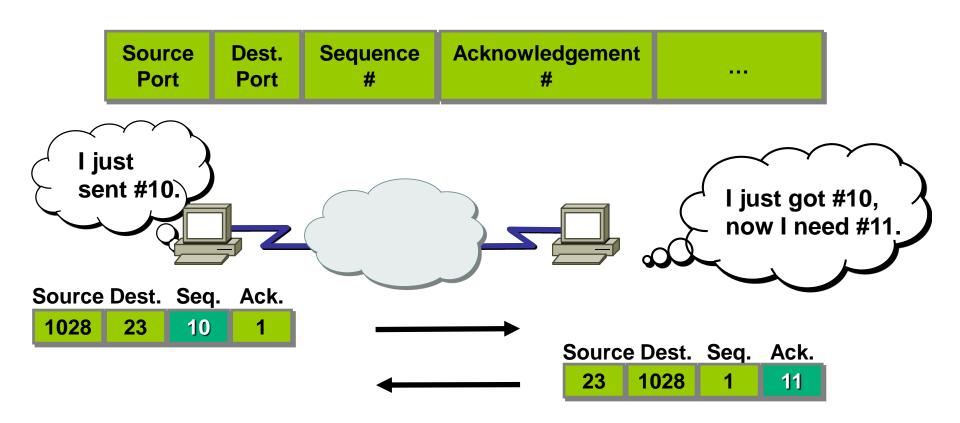
### TCP Three Way Handshake

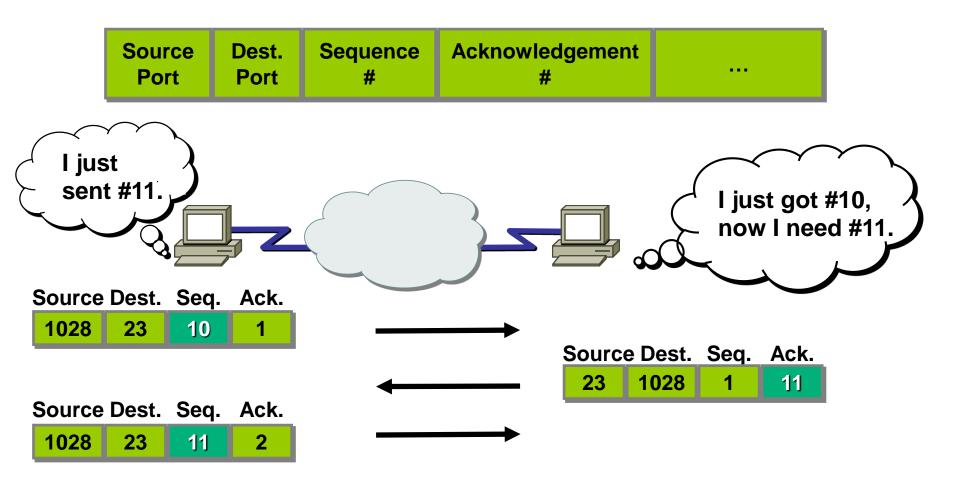


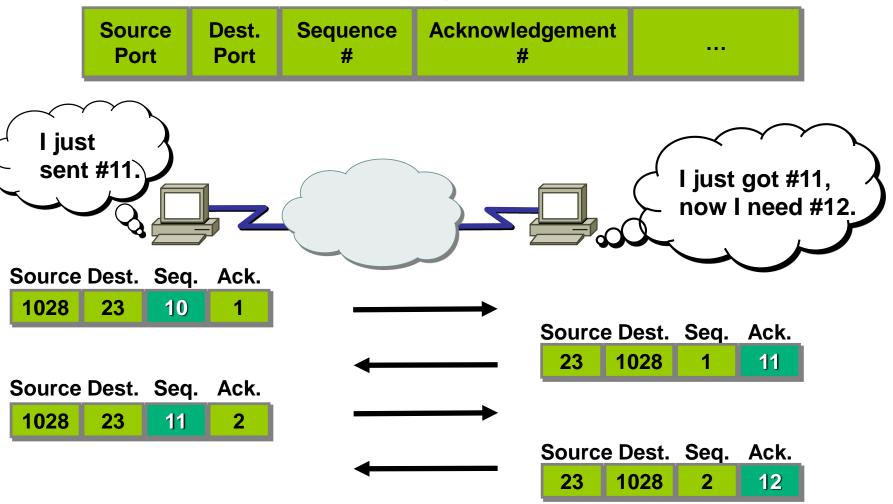
### TCP Simple Acknowledgment



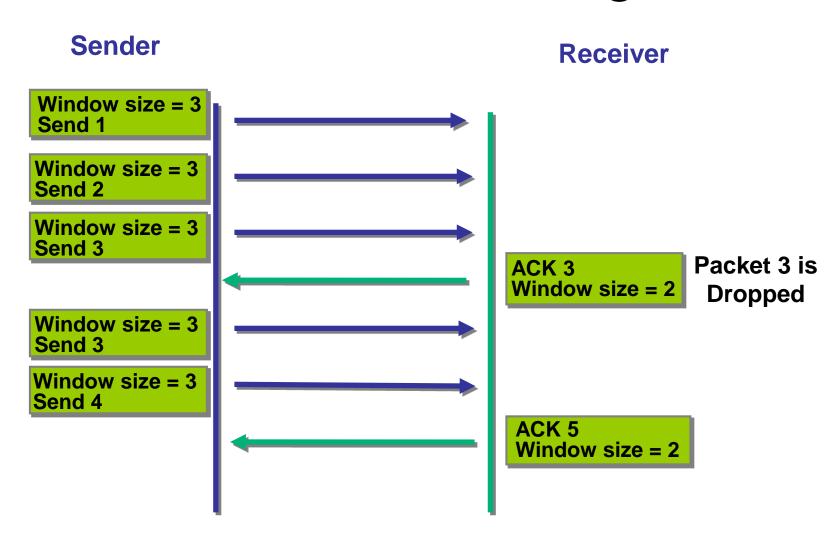








### TCP Windowing



#### Address Resolution Protocol

