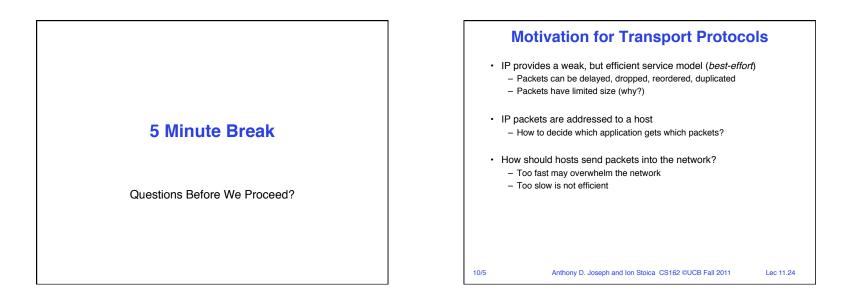
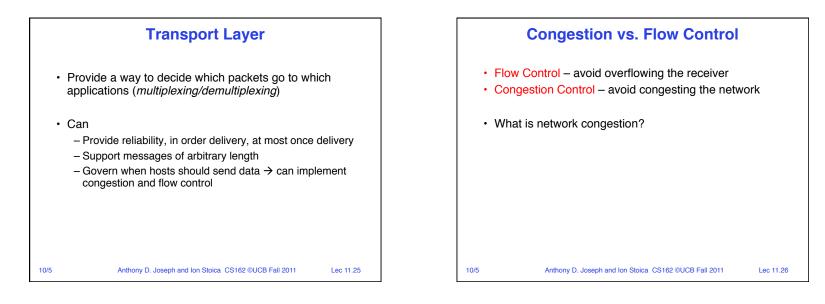
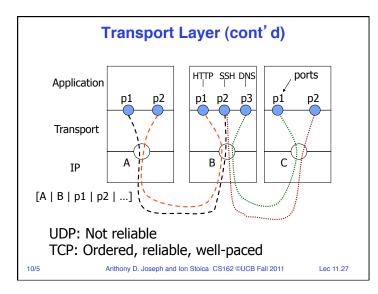
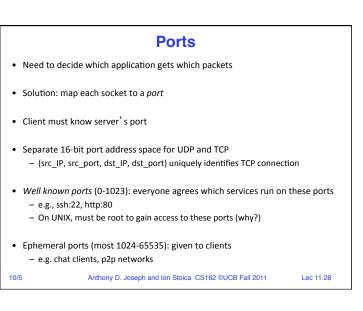


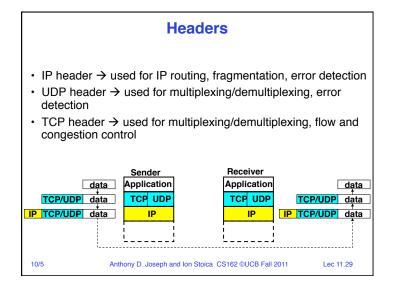
Observations	Announcements	
 With sliding windows, it is possible to fully utilize a link, provided the window size is large enough. Throughput is ~ (n/RTT) Stop & Wait is like n = 1. 	 Project 1 deadlines: – Code: Thursday, October 6, 11:59pm – Group evaluations: Friday, October 7, 11:59pm 	
 Sender has to buffer all unacknowledged packets, because they may require retransmission 		
 Receiver may be able to accept out-of-order packets, but only up to its buffer limits 		
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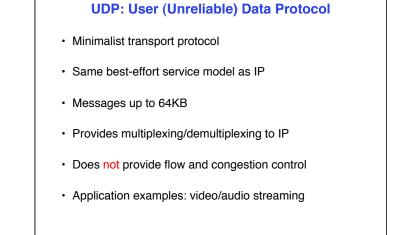




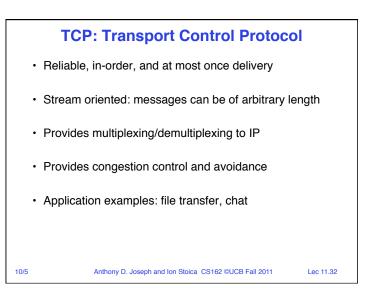








UDP Service & Header					
 Service: – Send datagram from (IPa, Port1) to (IPb, Port2) – Service is unreliable, but error detection possible Header: 					
	0 16 3 ⁻		1		
	Source port Destination port				
	UDP length	UDP checksum			
	Payload (variable)				
	•UDP length is UDP packet length (including UDP header and payload, but not IP header) •Optional UDP checksum is over UDP packet				
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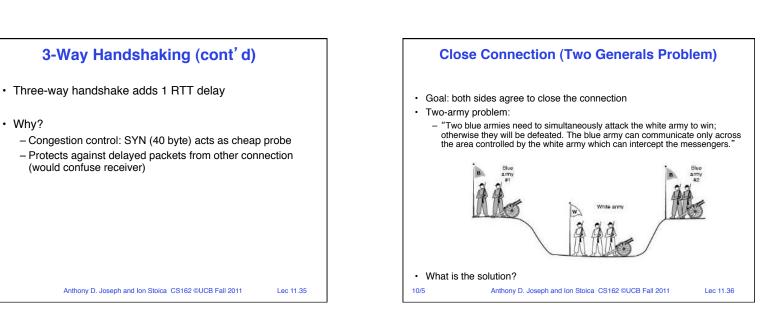
Lec 11.30

10/5



• Why?

10/5



Server

listen()

accept()

allocate buffer space

Lec 11.34

Passive Open

