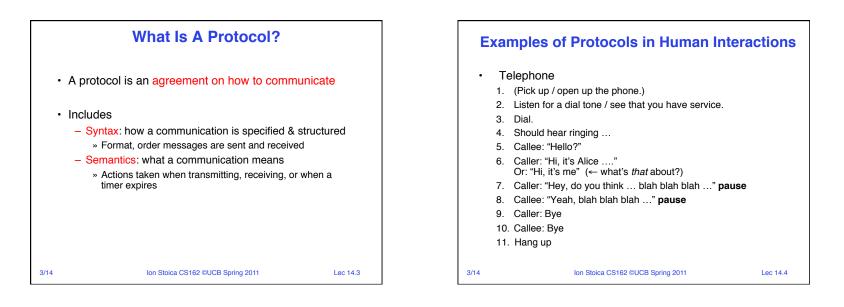


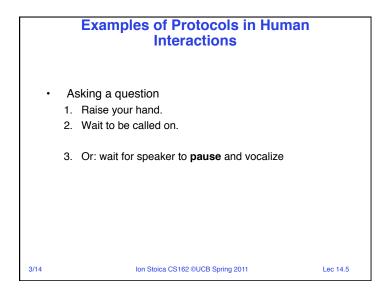
Goals for Today

Note: Some slides and/or pictures in the following are adapted from slides ©2005 Silberschatz, Galvin, and Gagne. Many slides generated from my lecture notes by Vern Paxson, and Scott Shenker. Ion Stoica CS162 ©UCB Spring 2011

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Lec 14.2

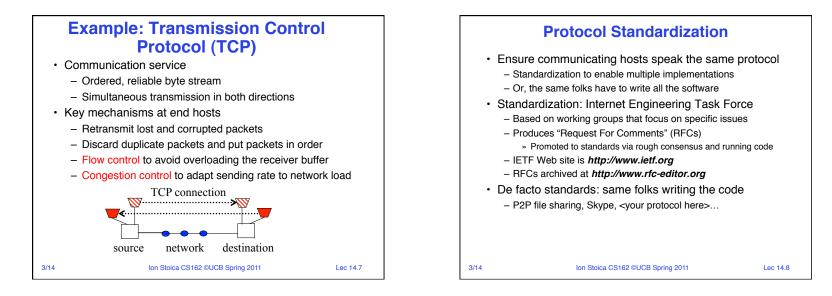


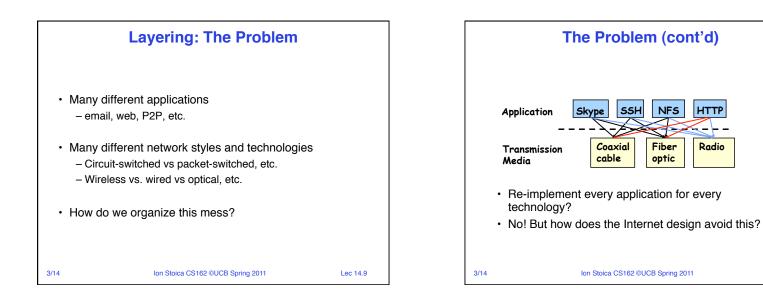


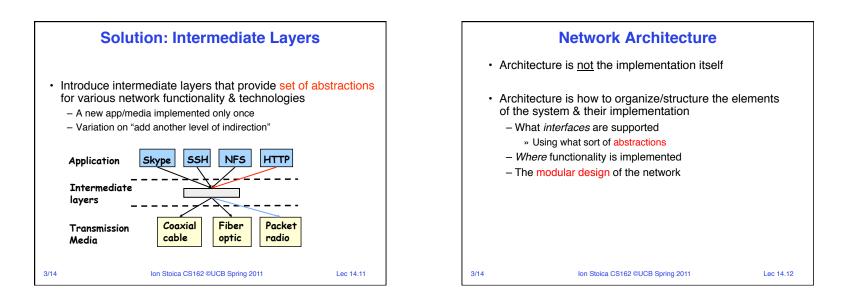
The Internet Protocol (IP): "Best-Effort" Packet Delivery

- · Datagram packet switching
 - Send data in packets
 - Header with source & destination address
- · Service it provides:
 - Packets may be lost
 - Packets may be corrupted
 - Packets may be delivered out of order

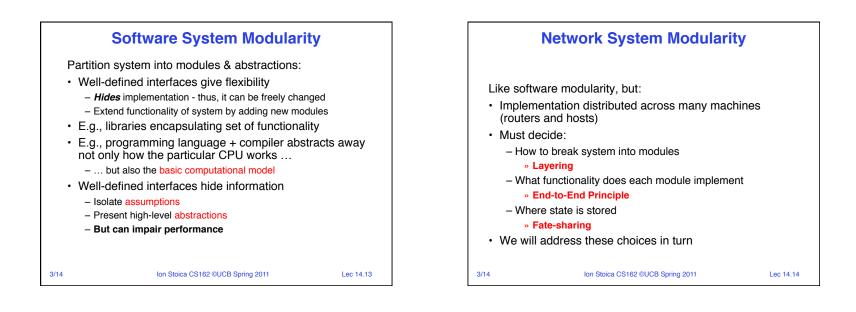


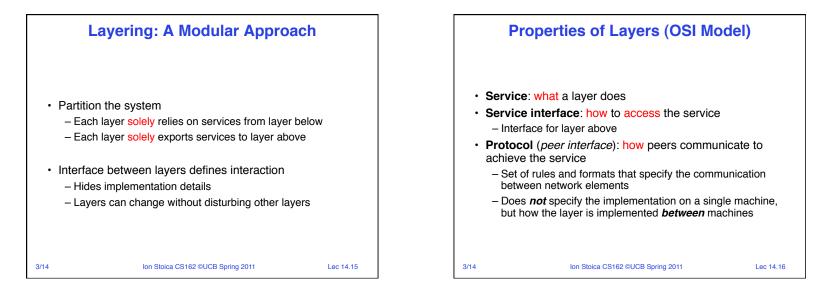


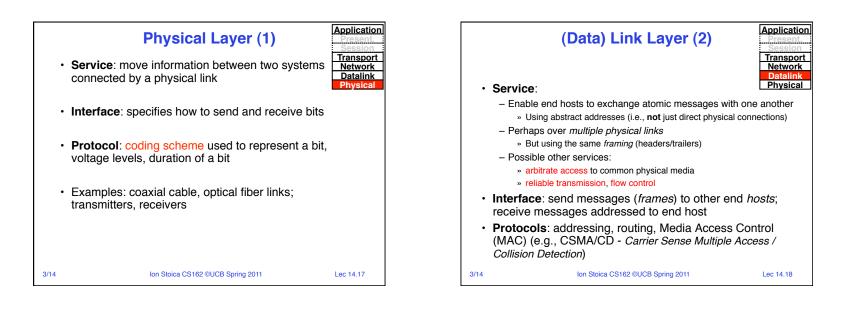


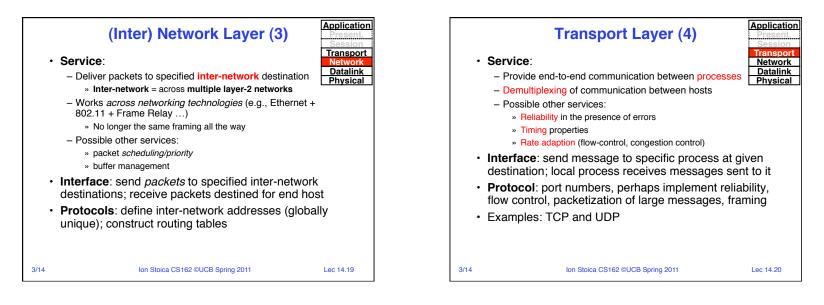


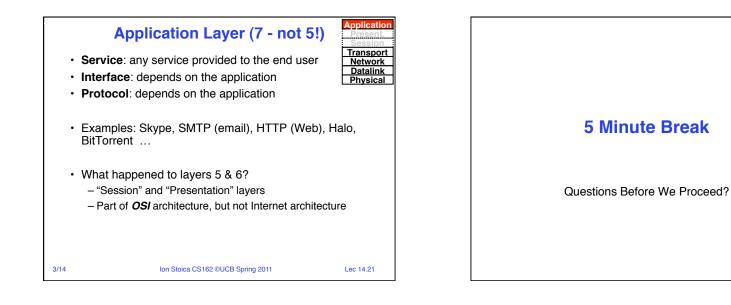
Lec 14.10

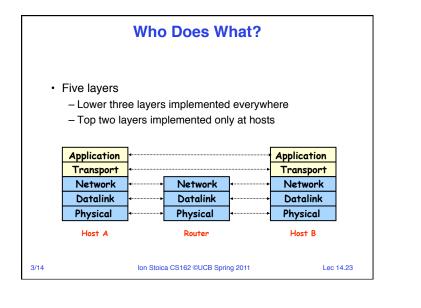


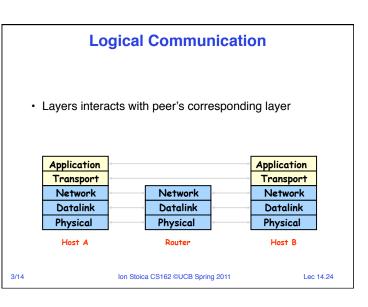


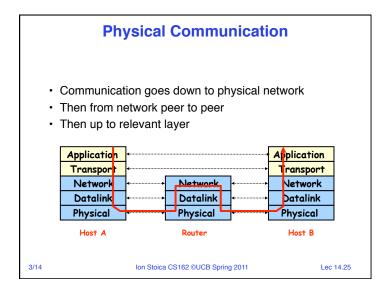


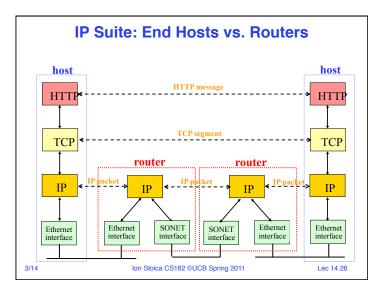


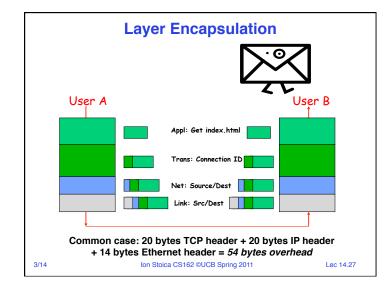


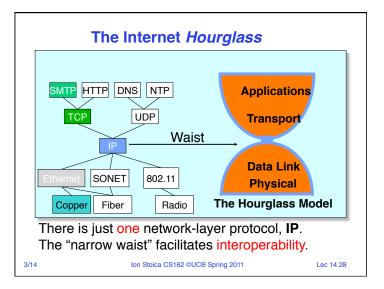


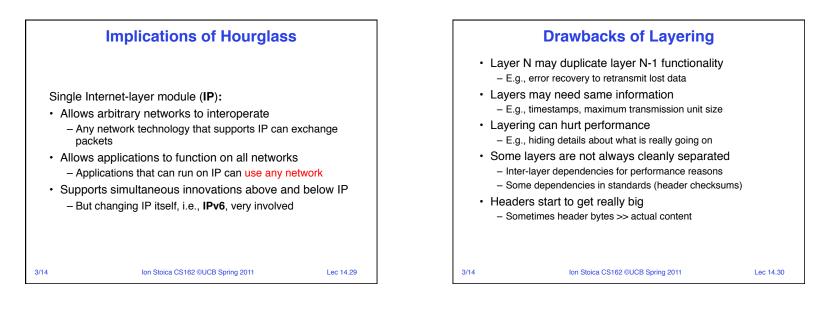


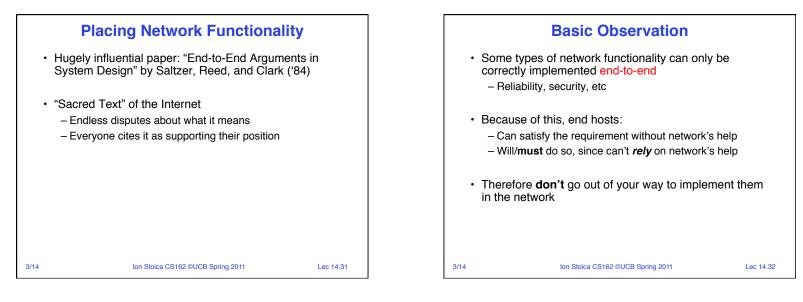


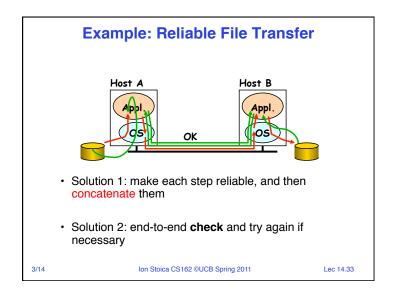


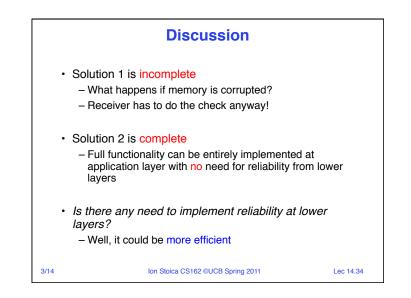


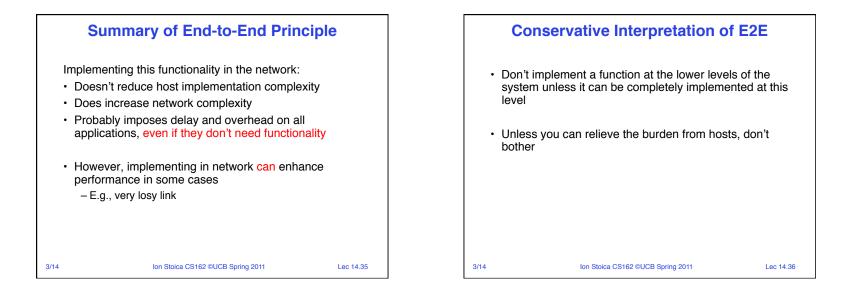


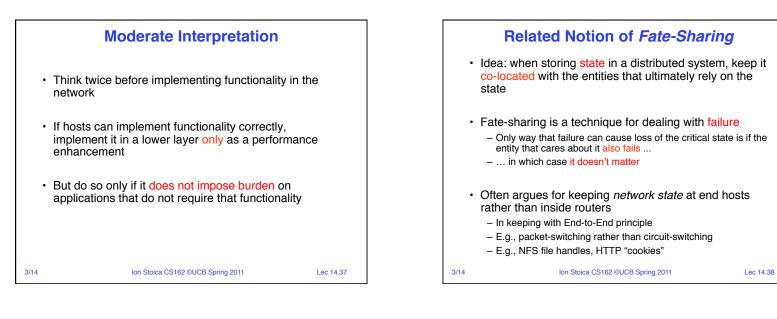












Summary		
	f dardization its, servers, peer-to-peer	
comple	d architecture as a powerful means for x networks ligh layering has its drawbacks too	organizing
 Unified Internet 	Internet layering (Application/Transpo twork/Link/Physical) decouples apps fr king technologies	
– Com	gument encourages us to keep IP simp mercial realities (need to control the network thy stress this	
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