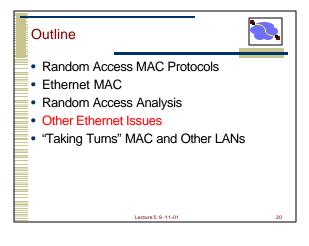


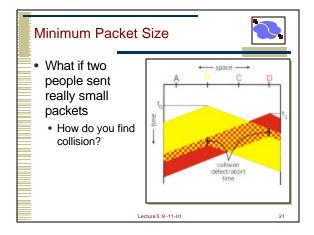


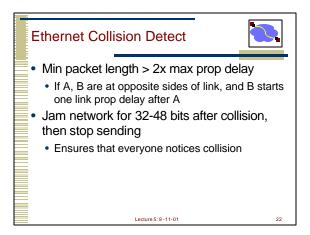


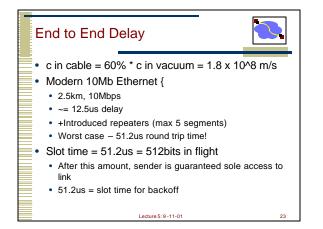
- Key concern: Ethernet (like Aloha) is unstable at high loads
- Peak utilization approx. = 1/e = 37%
- Peak throughput worst with
- More hosts more collisions needed to identify single sender
- Smaller packet sizes more frequent arbitration
- Longer links collisions take longer to observe, more wasted bandwidth
 Can improve efficiency by avoiding these conditions
- Can improve efficiency by avoiding these conditions
 Works well in practice

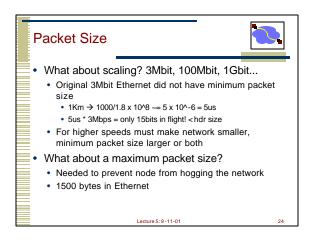
Lecture 5: 9 - 11-01











Ethernet Frame Structure	
 Sending adapter encapsulates IP datagram (or other network layer protocol 	1
packet) in Ethernet frame	
Freemble Dest Source Dete Office	
Туре	
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