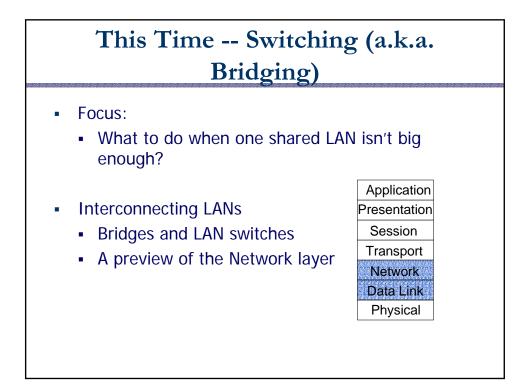
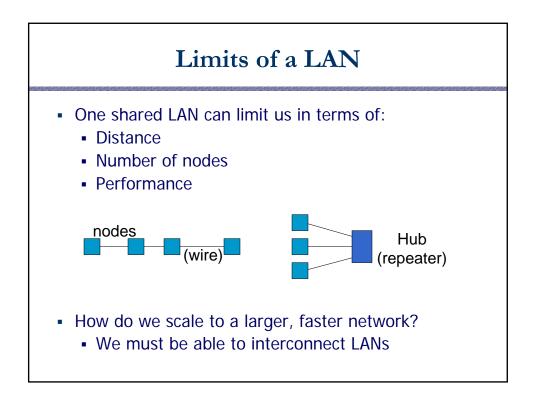
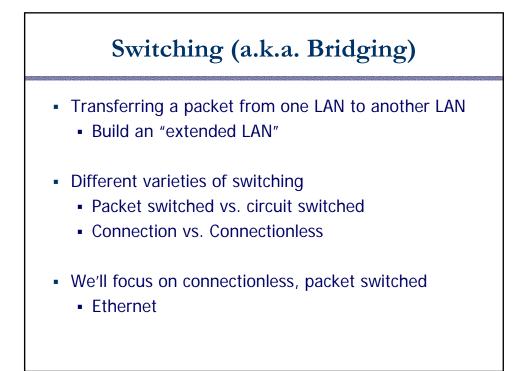
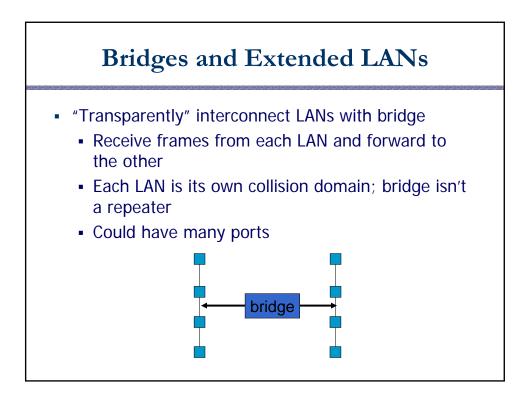
CSE 461: Bridging LANs

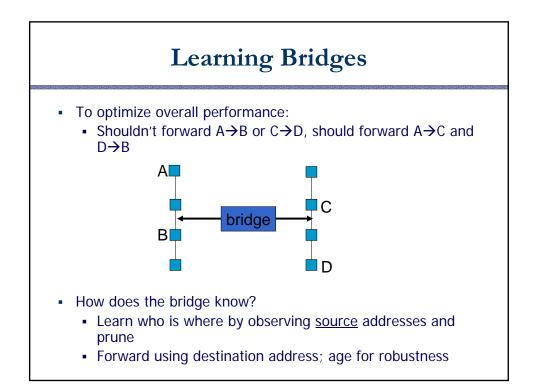
Last Topic ... Medium Access Control (MAC) protocols Part of the Link Layer At the heart of Local Area Networks (LANs) How do multiple parties share a wire or the air? Random access protocols (CSMA/CD) Contention-free protocols (turn-taking, reservations) Wireless protocols (CSMA/CA and RTS/CTS)

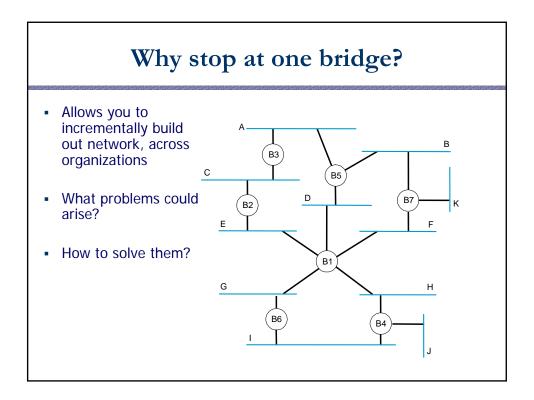


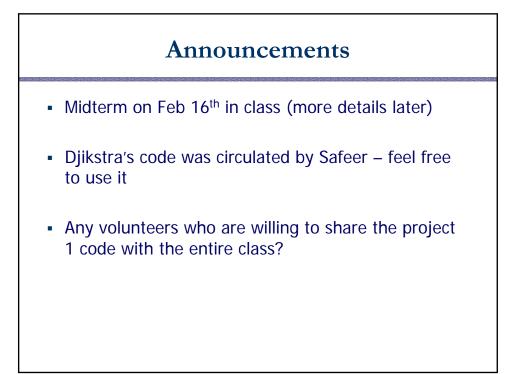


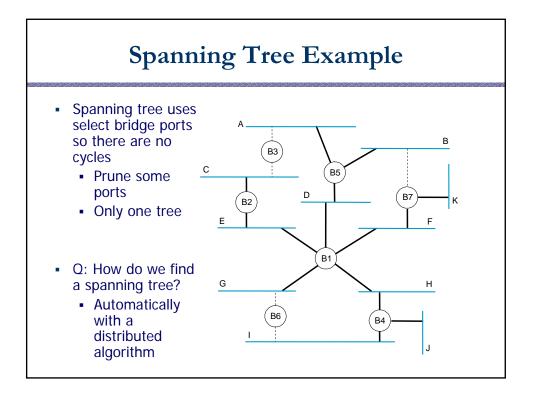


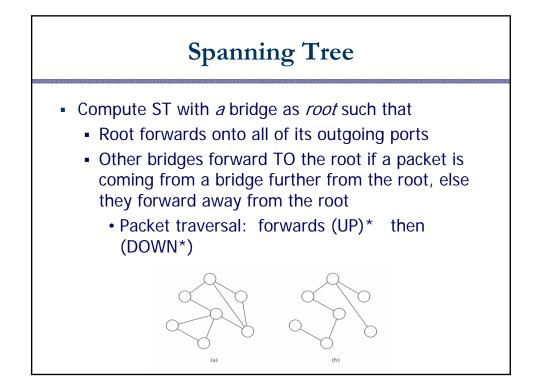


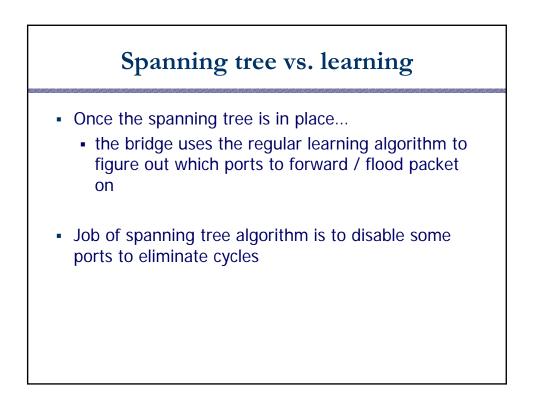


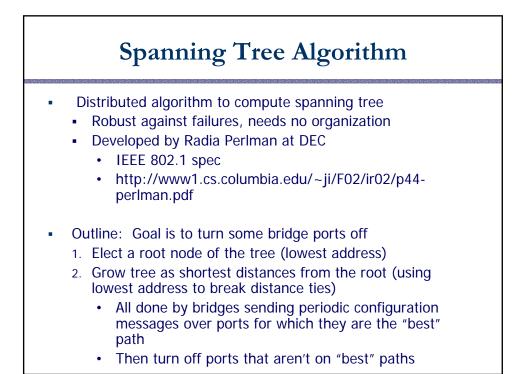


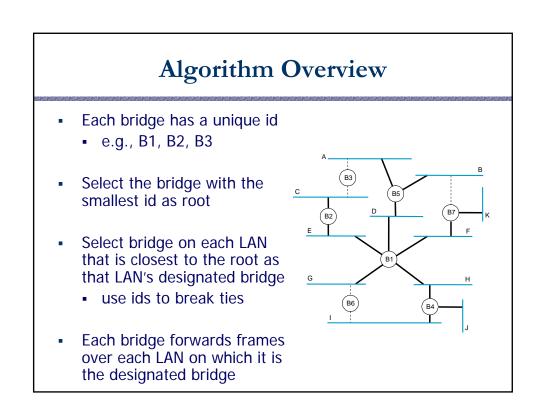












Algorithm continued

- Bridges exchange configuration messages, containing:
 - id for bridge sending the message
 - id for what the sending bridge believes to be the root bridge
 - distance (hops) from sending bridge to root bridge
- Each bridge records current best configuration message for each port

