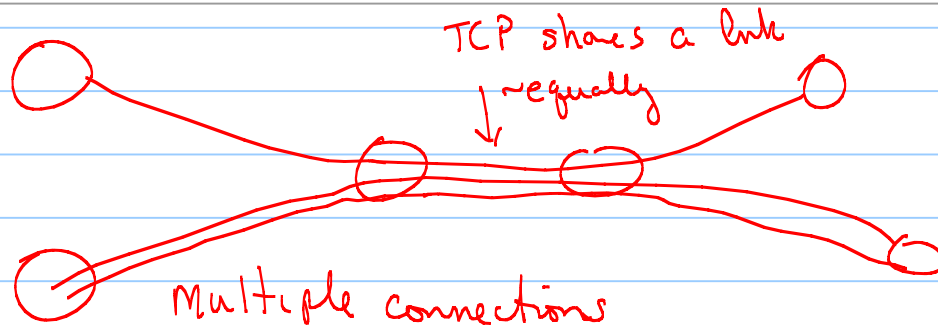


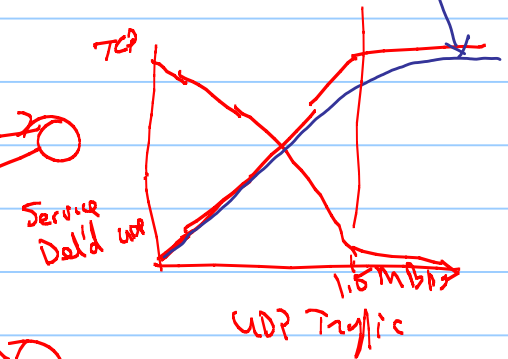
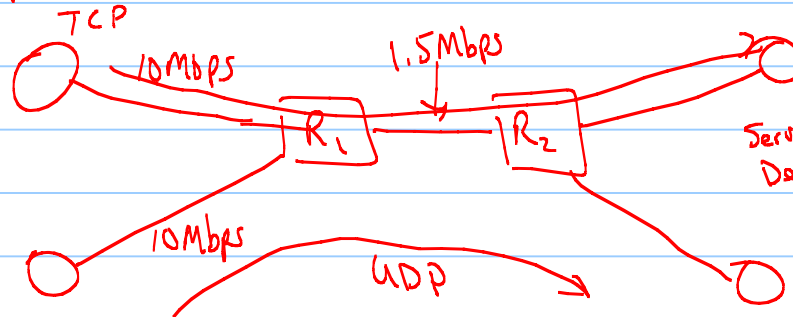
UDP is not "TCP-friendly"

Note Title

11/19/2008



What about UDP?



Concerned about Congestion Collapse in Internet.

What mechanisms can deter bad behavior?

- Traffic shaping - figure out a "fair share" for UDP traffic and pass only that much
 - increase priority for avg users
- Real money
- Isolation of UDP traffic
- Problem w/UDP - Congestion signals are not part of protocol so applications have to be sensitive to congestion.
- Proposed DCCP - datagram congestion control protocol

Kinds of Cong. Collapse.

1) lots of duplicate packets getting delivered - 1986

TCP on NSFnet 40kb/s \rightarrow 40b/s

2) packets inserted in network but never delivered.