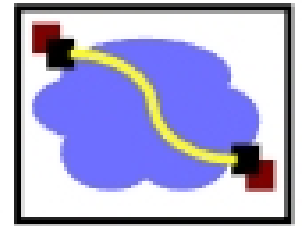




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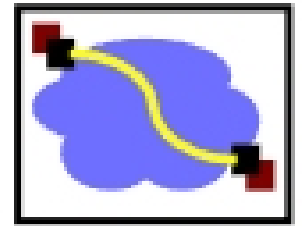
Lecture 27 – Research Directions

Outline



- Transport
- Wireless
- Probing

Areas



- Router interactions
 - FQ, RED → Blue, CHOKe, CSFQ, XCP...
 - **Small buffer routers**
- New congestion control designs
 - Delay based (Vegas)
 - Long-term TCP fair (TFRC)
 - Others: bionomial, BIC/CUBIC
- Other issues
 - Large bandwidth-delay product networks
 - Delay Tolerant Networks (**DTN**)
 - Congestion control outside TCP (congestion controlled UDP, general congestion management)