

CS551

Basic TCP Mechanisms

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What Does TCP Provide?



Does TCP Provide...

- = Connection establishment?**
- = Connectionless communication?**
- = Congestion control?**
- = Differentiated services?**
- = Duplicate packet detection?**
- = Flow control?**
- = Loss recovery?**
- = Message or record boundaries?**
- = Ordered data delivery?**
- = Out-of-order data delivery?**
- = Quality of service guarantees?**
- = Urgent data indication?**



What Does TCP Provide?



Does TCP Provide...

- = Connection establishment? *Y*
- = Connectionless communication? *N*
- = Congestion control? *Y*
- = Differentiated services? *Y (sort of)*
- = Duplicate packet detection? *Y*
- = Flow control? *Y*
- = Loss recovery? *Y*
- = Message or record boundaries? *N*
- = Ordered data delivery? *Y*
- = Out-of-order data delivery? *N*
- = Quality of service guarantees? *N*
- = Urgent data indication? *Y*

