## Internetworking and Reliable Transmission

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## Example Icky Detail: Advertised Window Deadlock

- If the receiving process does not empty the buffer (e.g., not scheduled), then the sender fills up the receiver's buffer
  - Advertised Window is 0
  - Effective Window goes to 0 when all data is ACKed
- Problem: When can the sender start sending again?
  - No timeouts because all data is ACKed
  - No packets from receiver with a new Advertised Window because receiver isn't running
- Solution: Ping with a segment of 1 byte of data
  - Eventually receiver responds with a new Advert. Window

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