

# The NewReno Modification to TCP's Fast Recovery Algorithm

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draft-ietf-tsvwg-newreno-01.txt  
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IETF, tsvwg

## Status:

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- Just finished WG Last Call
- Reason :
  - To take RFC 2582 (NewReno) from Experimental to Proposed,
  - changing one "SHOULD" to a "MUST" in the process.
- Most TCP implementations in the Internet already support NewReno
  - for non-SACK connections.

## Changes from draft-ietf-tsvwg-newreno-00.txt:



- Added to the section on Implementation Issues:
  - a flag for whether Fast Recovery is in effect.
  - a note about updating "recover" when Fast Recovery is not in effect.
  - clarify that Fast Recovery is not used when not in Fast Retransmit.
- More text comparing the Impatient and the Slow-but-Steady variants.
- More discussion in the section on "Avoiding Multiple Fast Retransmits",
  - including other heuristics.

## Feedback during WG Last Call:



- Some improvements in phrasing suggested by Mark Allman.