Increasing TCP’s Initial Window
draft-ietf-tcpm-initcwnd-03.txt

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Draft Status

• Published -03 revision to get ready for WGLC
  – Changed Intended status to Experimental
  – Fixed all the loose ends including PMTU != 1500
  – Summarized all the studies and their results
  – Moved “List of Concerns and Corresponding Test Results” to Appendix
  – Commented on the “buffer bloat” concern
Usage and Deployment

Recommendations

• Summarized WG’s concerns and consensus
  – Further experiments are needed to understand IW10’s effect at the Internet scale
  – Experiments need to be conducted with care
    • Monitoring performance closely
  – Revisit the question of standardization in the near future
Going Beyond IW=10

• Web objects continue to grow in size
• Looking for other ways to shed the round trips
• Feedbacks from the burst of 10 pkts provides a great springboard forward
  – RTT measurements, ack spacing, loss pattern,…
• Schedule packets sooner while avoiding bursts (i.e., pace pkts based on feedbacks from IW10)