TCP Maintenance and Minor Extensions (TCPM) Working Group Status

IETF 82 - Taipei
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Note Well

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Please consult RFC 3978 (and RFC 4748) for details.

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A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Agenda

• WG status
• WG items
  – Matt Mathis
draft-ietf-tcpm-proportional-rate-reduction
• Non-WG items
  – H.K. Jerry Chu
draft-cheng-tcpm-fastopen
  – Joe Touch
draft-touch-tcpm-experimental-options
  – Joe Touch
draft-touch-tcpm-automatic-iw
  – Mirja Kuehlewind
draft-kuehlewind-conex-accurate-ecn
draft-kuehlewind-tcpm-accurate-ecn-option
  – Richard Scheffenegger
tcpm-timestamp-negotiation
  – Per Hurtig
draft-hurtig-tcpm-rtorestart
Recent RFCs

• None since last meeting (but see next slide)
WG Items Nearing RFC Publication

- Clarification of sender behavior in persist condition
draft-ietf-tcpm-persist
Milestone Target: Informational
Status: RFC Editor Queue

- 1948bis
draft-ietf-tcpm-rfc1948bis
Milestone Target: Proposed Standard in Sept. 2011
Status: IESG processing

- The NewReno Modification to TCP's Fast Recovery Algorithm
draft-ietf-tcpm-rfc3782-bis
Milestone Target: Proposed Standard in April 2011
Status: IESG processing
WG Items in WGLC or Being Revised Following WGLC

- MSS Option
draft-ietf-tcpm-tcpmss
Milestone Target: Proposed Standard in July 2009
Status: Needs revision
Action: Action with David Borman
Active WG Items

- 1323bis
draft-ietf-tcpm-1323bis
Milestone Target: Proposed Standard in July 2009
Status: Needs revision
Action: Action with David Borman

- SACK Entry / RFC 3517bis
draft-blanton-tcpm-3517bis
Milestone Target: Proposed Standard in October 2010
Status: Document revision needed, then probably ready for WGLC
Action: WGLC planned once updated
Active WG Items

- TCP Security
draft-ietf-tcpm-tcp-security
Milestone Target: BCP in August 2010
Status: Content needs work, draft expired
Action: Potential removal of charter item

No apparent recent progress

Question to the room: Volunteers for (additional) editors, please contact the TCPCM chairs!

Charter item will be removed if there is no progress and consensus.
Active WG Items

• Increasing the Initial Window
draft-ietf-tcpm-initcwnd
Milestone Target: Experimental in September 2011
Status: WG consensus on experimental track
Action: Document update needed

• Proportional Rate Reduction for TCP
draft-tcpm-proportional-rate-reduction
Milestone target: Experimental in May 2012
Status: Under active discussion / review
Action: Continue discussion
Under Poll to Become a WG Item

- None (but see later presentations)
Many other documents are under discussion, see WG status posted to the mailing list for a summary