TCP Maintenance and Minor Extensions (TCPM) Working Group Status

IETF 82 - Taipei

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Note Well

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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 TCPM 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