TCP Maintenance and Minor Extensions (TCPM) Working Group Status

IETF 80 - Prague

March, 2011

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Agenda

Agenda is very full for 2 hours today – presenters need to keep to timeslots and for non-WG items, defer long discussions to mailing list or hallway

- WG Status
- WG Items
  - RFC3782bis Status/Update
  - draft-ietf-tcpm-tcp-security (?)
- Non-WG Items
  - draft-gont-tcpm-rfc1948bis-00
  - draft-scheffenegger-tcpm-timestamp-negotiation-01
  - draft-cheng-tcpm-fastopen-00
  - draft-mathis-tcpm-proportional-rate-reduction-00
  - draft-bittau-tcp-crypt
  - Use of ECN Nonce to Detect Spurious Loss Events (if time)

Recent RFCs

- RFC 6093 – On the Implementation of the TCP Urgent Mechanism (January, 2011)

WG Items Nearing RFC Publication

- draft-eggert-tcpm-historicize
  Milestone Target: Informational in October 2010
  Status: in RFC-Editor's queue

- draft-ietf-tcpm-tcp-timestamps
  Milestone Target: Informational
  Status: in RFC-Editor's queue

- draft-paxson-tcpm-rfc2988bis
  Milestone Target: Proposed Standard in March 2011
  Status: publication requested on 3/22/11

WG Items in WGLC or Being Revised Following WGLC

- Clarification of sender behavior in persist condition

  draft-ietf-tcpm-persist

  Milestone Target: Informational

  Status: completed WGLC; checking to ensure comments are satisfied

  Action: David (or Michael) to review changes after WGLC and potential
     to remove appendix w/ API and one of the recommendations

- MSS Option

  draft-ietf-tcpm-tcpmss

  Milestone Target: Proposed Standard in July 2009

  Status: WGLC started 8/19, ended 9/8 (extended)
     2nd WGLC started at IETF 77, and is ended with few comments

  Action: David will check with commenters from first WGLC to see
        if issues are closed
     Wes/Michael will write PROTO and send to the IESG, after WGLC
        starts and completes

Active WG Items

- 1323bis

  draft-ietf-tcpm-1323bis

  Milestone Target: Proposed Standard in July 2009

  Status: Needs revision

  Action: Revise & WGLC (action with D. Borman)

  (need volunteers to help push this along)

- TCP Security

  draft-ietf-tcpm-tcp-security

  Milestone Target: BCP in August 2010

  Status: content needs work

  Action: need to have people review this; possibly in individual sections

        (few volunteers so far)

- SACK Entry / RFC 3517bis

  draft-blanton-tcpm-3517bis

  Milestone Target: Proposed Standard in October 2010

  Action: ready for WGLC? (need to identify as WG doc in tracker)

Active WG Items

- Increasing the Initial Window

  draft-ietf-tcpm-initcwnd

  Milestone Target: August 2011 to determine intended status

  September 2011 to publish document

  Status: under active discussion / review

  Action: determine intended status through continued WG discussion

- NewReno Update

  draft-ietf-tcpm-rfc3782-bis

  Status: probably ready for WGLC

  Milestone Target: Proposed Standard in April 2011

  (Tom will discuss this today)

Under Poll to Become a WG Item

- AO NAT

  draft-touch-tcp-ao-nat

  Status: IETF 77 discussion determined this should be Experimental, whether or not it is a WG document

  Action: poll started on 3/16/11, to close 3/30/11

Many other documents are under discussion, see WG status posted to the mailing list for a summary