TCP Maintenance and Minor Extensions (TCPM)
Working Group Status

Yoshifumi Nishida
Pasi Sarolahti
Michael Scharf
IETF 86 – Orlando, FL, USA
March 2013
Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- the IETF plenary session,
- any IETF working group or portion thereof,
- the IESG, or any member thereof on behalf of the IESG,
- the IAB or any member thereof on behalf of the IAB,
- any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices,
- the RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 3978 (updated by RFC 4748) and RFC 3979 (updated by RFC 4879). Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.

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

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

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

• Agenda bash & WG status (5 min)

• IESG feedback to draft-ietf-tcpm-experimental-options (5 + 5 min)

• WG items
  – RFC 1323 bis / draft-ietf-tcpm-1323bis (5 + 5 min)
    Richard Scheffenegger
  – Updating TCP to support Rate-Limited Traffic / draft-ietf-tcpm-newcwv (10 + 10 min)
    Gorry Fairhurst
draft-ietf-tcpm-newcwv
  – TCP Fast Open / draft-ietf-tcpm-fastopen (10 + 10 min)
    Yuchung Cheng
  – More Accurate ECN Feedback / draft-ietf-tcpm-accecn-reqs (5 + 10 min)
    Richard Scheffenegger

• Individual Submissions
  – Validation of TCP Sequence Numbers / draft-gont-tcpm-tcp-seq-validation (10 + 10 min)
    Fernando Gont
  – Tail loss probe (TLP) / draft-dukkipati-tcpm-tcp-loss-probe (15 + 15 min)
    Neal Cardwell
Status of Documents
Recent RFCs

• Conservative SACK-based Recovery Algorithm / RFC 3517bis
draft-ietf-tcpm-3517bis
Status: RFC 6675 (August 2012)
WG Items Nearing RFC Publication

• Increasing the Initial Window
draft-ietf-tcpm-initcwnd
Milestone Target: Experimental in September 2011
Status: RFC Editor Queue

• Proportional Rate Reduction for TCP
draft-ietf-tcpm-proportional-rate-reduction
Milestone Target: Experimental in May 2012
Status: RFC Editor’s Queue

• Shared Use of Experimental TCP Options
draft-ietf-tcpm-experimental-options
Milestone Target: PS in September 2012
Status: IESG discussing
Active WG Items

• TCP Extensions for High Performance
draft-ietf-tcpm-1323bis
Milestone Target: Proposed Standard in July 2009
Status: Recently updated
Action: WG to review – will it soon be ready for WGLC?

• TCP Fast Open
draft-cheng-tcpm-fastopen
Status: Recently updated
Action: Soon ready for WGLC? WG to review
New WG Items

- Problem Statement for More Accurate ECN Feedback
draft-ietf-tcpm-accecn-reqs
Milestone Target: Informational in November 2013
Status: New WG draft

- TCP and SCTP RTO Restart
draft-ietf-tcpm-rtorestart
Milestone Target: Experimental in August 2013
Status: New WG draft

- Updating TCP to support Variable-Rate Traffic
draft-ietf-tcpm-newcwv
Milestone Target: Status decided by August 2013; submitted Nov 13
Status: New WG draft