

TCP Maintenance and Minor Extensions (TCPM) Working Group Status

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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
Milestone Target: Experimental in Sept. 2012
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