TCP Maintenance and Minor Extensions (TCPM) Working Group

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Logistics

- Note taking
  - http://etherpad.tools.ietf.org:9000/p/notes-ietf-99-tcpm?useMonospaceFont=true

- Jabber

- Please say your name at the mike

- Please include "-tcpm-" in draft names

Agenda

- WG status: Chairs (10 min)

- Working group items
  - draft-ietf-tcpm-alternativebackoff-ecn: Naeem Khademi (10 min)
  - draft-ietf-tcpm-accurate-ecn: Bob Briscoe or Mirja Kuehlewind (15 min)
  - draft-bagnulo-tcpm-generalized-ecn: Marcelo Bagnulo or Bob Briscoe (15 min)

- Individual documents
  - draft-wang-tcpm-low-latency-opt: Wei Wang (20 min)
  - draft-touch-tcpm-2140bis: Safiqul Islam (15 min)

Status of Documents

Recent RFCs

- None

- draft-ietf-tcpm-dctcp
  - Approved by IESG
  - Authors work on comments

- draft-ietf-tcpm-cubic
  - Recent update after WGLC
  - Document shepherd: Yoshifumi

WG Documents (Active)

- draft-ietf-tcpm-alternativebackoff-ecn **(agenda item)**
    - Recent update

- draft-ietf-tcpm-accurate-ecn   **(agenda item)**
    - Recent update

- draft-bagnulo-tcpm-generalized-ecn   **(agenda item)**
    - New WG document, draft-ietf to be submitted

- draft-ietf-tcpm-cubic
    - See previous slide

WG Documents (Active)

- draft-ietf-tcpm-rack
  - Ongoing experimentation

- draft-ietf-tcpm-rfc793bis
  - Update planned during IETF 99 week

- draft-ietf-tcpm-rto-consider
  - Feedback from last meeting to be taken into account

- draft-ietf-tcpm-tcp-edo
  - Ongoing experimentation

Appendix

TCP header bit 7 assignment

- TSVWG un-assignment by ecn-experimentation
- Re-assignment process options
  1) TCPM: accurate-ecn assigns flag to itself
     a) IESG needs to agree to process exception for assignment
     b) Document heads to PS instead of EXP
     c) TCPM PS to change the registration procedure to "IETF review"
        A. For registry covering all 6 bits (ECE, CWR, "NS", and 3 reserved)
        B. Only for "NS" bit – would require change of IANA registry
  2) TSVWG: ecn-experimentation assigns flag to itself "Reserved for experiments" and says initially AccECN exp will use it exclusively
  3) TSVWG: ecn-experimentation assigns flag exclusively to AccECN
  4) Other?
     a) E.g. PS document assigns flag to experiments negotiation its use
     b) …