TCP Maintenance and Minor Extensions (TCPM) Working Group

Yoshifumi Nishida
Michael Scharf
Michael Tuexen

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Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

• BCP 9 (Internet Standards Process)
• BCP 25 (Working Group processes)
• BCP 25 (Anti-Harassment Procedures)
• BCP 54 (Code of Conduct)
• BCP 78 (Copyright)
• BCP 79 (Patents, Participation)
• https://www.ietf.org/privacy-policy/ (Privacy Policy)
Logistics

• Note taking

• Jabber

• Please say your name at the mike

• Please include "-tcpm-" in draft names
Agenda

• Slot 1 (Monday 16:10 – 18:10)
  • WG status: Chairs (15 min)

  • Working group items
    • draft-ietf-tcpm-generalized-ecn
      • Bob Briscoe (20 mins)

  • Other items
    • draft-ietf-lwig-tcp-constrained-node-networks
      • Carles Gomez (20 mins)

    • RACK + L4S: A Way to Remove Head-of-Line Blocking from Links
      • Bob Briscoe (20 mins)

• Slot 2 (Tuesday 11:20 – 12:20)
  • Congestion control and loss recovery in QUIC and TCP
    • Jana Iyengar, Ian Swett
Status of Documents
WG Documents (Finished)

• draft-ietf-tcpm-alternativebackoff-ecn
  • Under IESG Review
WG Documents (Active)

- draft-ietf-tcpm-generalized-ecn
  - Recently Updated. (10/22) (Agenda Item)
- draft-ietf-tcpm-rto-consider
  - Recently Updated (10/19)
- draft-ietf-tcpm-rfc793bis
  - Recently Updated. (10/22)
- draft-ietf-tcpm-converters
  - Recently Updated. (10/19)
- draft-ietf-tcpm-accurate-ecn
  - No update from July
- draft-ietf-tcpm-rack
  - No update from July
- draft-ietf-tcpm-tcp-edo
  - No update. On going experiments.
RTO Consider draft

• New version (draft-ietf-tcpm-rto-consider-06) has been submitted (10/19)
• Previous main discussion points
  • How to sort out requirements in this doc and other docs (RFC6298, RFC8085, 793bis, etc)
• Updated to address these points (Section 2)

• Please give us feedback!
  • If this version can be considered to address the previous concerns, we will think about initiating a WGLC.
Second Slot (Tuesday 11:20-12:20)

• Congestion control and loss recovery in QUIC and TCP
  • Key mechanisms in QUIC
  • Loss detection and CC mechanisms with comparisons to TCP