TCP Maintenance and Minor Extensions (TCPM) Working Group

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Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

❖ **By participating with the IETF, you agree to follow IETF processes.**

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❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Logistics

- Note taker
- Jabber
- Please say your name at the mike

- Please include "-tcpm-" in draft names

Agenda

- Agenda bash and WG status: Chairs, 5min
- Working Group Items
  - RFC793bis: Chairs, 5 min
  - Moving forward draft-ietf-tcpm-rto-consider: Chairs, 20 min
- Other Items
  - Updates of RACK Linux implementation: Yuchung Cheng, 20 min
  - Transports advancements in the Windows networking stack: Praveen Balasubramanian, 25 min
  - TCP Alternative Backoff with ECN (ABE): Naeem Khademi, 20 min
  - TCP Control Block Interdependence (2140bis): Michael Welzl, 15 min
  - TCP over Constrained-Node Networks: Carles Gomez, 10 min
  - Adding Explicit Congestion Notification (ECN) to TCP control packets: Marcelo Bagnulo, 10 min
  - Recommendations for increasing TCP performance in low RTT networks: Marcelo Bagnulo, 5 min

Recent RFCs

- RFC 7765 (draft-ietf-tcpm-rtorestart)

- RFC 7805 (draft-ietf-tcpm-undeployed)

WG Documents

- draft-ietf-tcpm-rfc793bis
  - New version with minor updates has been submitted (2016-03-21)
  - Short status update in next presentation
- draft-ietf-tcpm-tcp-edo
  - New, clean implementation underway for both FreeBSD and Linux
  - Further implementer feedback would be very useful
- draft-ietf-tcpm-dctcp
  - Update planned
  - Ready for WGLC afterwards?
- draft-ietf-tcpm-cubic
  - Draft updated in Jan. 2016, minor updates planned to make the draft more readable
  - Ready for WGLC afterwards?
- draft-ietf-tcpm-accurate-ecn
  - Recently resubmitted, waiting for implementation tests
- draft-ietf-tcpm-rto-consider
  - To be discussed in this meeting
  - Objective is WGLC soon