TCP Maintenance and Minor Extensions (TCPM) Working Group

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IETF 96 – Berlin, Germany
July 2016
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.

❖ If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.

❖ 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, 5 min
- 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