TCP Maintenance and Minor Extensions (TCPM) Working Group Status

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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.**

❖**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)

Agenda

- Agenda bash and WG status (5 min)
- WG items
  - Michael Welzl: TCP and SCTP RTO Restart (15 min)
- Discussion on Extending Option Space (30 min)
  - Chairs for Joe Touch: TCP Extended Data Offset Option (10 min)
  - Bob Briscoe: Inner Space for TCP Options (10 min)
- Other items
  - Bob Briscoe: TCP Echo Cookie Option (5 min)
  - Alex Zimmermann: CUBIC for Fast Long-Distance Networks (5 min)
  - Jakob Heitz: TCP Retransmission Timer for Virtual Machines (10 min)
  - Alex Zimmermann: Detection/Reaction for Packet Reordering with TCP (10 min)
  - Yuchung Cheng: TCP RACK: reordering resilient fast recovery (15 min)

Status of Documents

Ready or Nearly Ready RFCs

- RFC 7323 (aka rfc1323bis)
- In RFC Editor's Queue
    - draft-ietf-tcpm-fastopen
    - draft-ietf-tcpm-tcp-rfc4614bis (aka Roadmap)

Other WG Documents

- draft-ietf-tcpm-accecn-reqs
  - In AD evaluation
- draft-ietf-tcpm-newcwv-07
- draft-ietf-tcpm-rtorestart-04
- draft-ietf-tcpm-tcp-edo-01

draft-ietf-tcpm-newcwv-07

Version -07 submitted in Sept 2014
- Checking that (D – R) should not be negative
- Clarifications on use of ECN
- No known outstanding protocol issues

No other issues found with newCWV implementations (BSD, Linux) after extensive tests since last meeting

Authors not at this meeting

Resources & publications for new-CWV:
http://erg.abdn.ac.uk/newcwv.html

One More Thing…

- Moving Undeployed TCP Extensions to Historic and Informational Status
  - draft-zimmermann-tcpm-undeployed-01
  - Spin-off from roadmap work, making old RFCs Historic
- Suggestion: Adopt as WG draft
  - Some additional time for comments
  - WGLC "soon"