

TCPM WG Meeting IETF 106, Singapore

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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 taker
- Jabber
- Please say your name at the mike

Agenda

- WG status updates
- Working group items
 - RTO consider
 - Feedback on RTO consider – Gorry Fairhurst
 - AccECN + ECN++ discussion
 - Updates for ECN ++ - Marcelo Bagnulo
 - AccECN clarification - Bob Briscoe
 - Registration Policy for TCP Header Flags - Mirja Kuehlewind
 - Procedural discussions for AccECN and ECN++
- Non working group items
 - HyStart++: Modified Slow Start for TCP - Praveen Balasubramanian
 - YANG Model for Transmission Control Protocol (TCP) Configuration - Mahesh Jethanandani
 - TCP ACK Pull - Carles Gomez
 - Some Congestion Experienced in TCP - Rodney Grimes

WG Status

Recent RFCs

- None since Montreal

WG documents (1)

- draft-ietf-tcpm-converters-14
 - WGLC completed. Submitted to IESG
- draft-ietf-tcpm-rfc793bis-12
 - Plan to update
 - Reflect Med's review.
 - Update on keepalives from Michael's review
 - Other reviewers: Gorry, Praveen
 - Aiming WGLC early 2020
- draft-ietf-tcpm-2140bis-01
 - Recently updated (Nov 19)
 - Added the appendix for Automating the Initial Window Increase

WG documents (2)

- draft-ietf-tcpm-rack-06
 - Close to WGLC
 - Checking intended status: PS or EXP

WG documents (3)

- draft-ietf-tcpm-rto-consider
 - Close to WGLC
 - Discuss today!
 - Reviews from assigned reviewers

WG documents (4)

- draft-ietf-tcpm-accurate-ecn-09
- draft-ietf-tcpm-generalized-ecn-05
 - Close to WGLC.
 - Need to check several points before WGLC
 - Discuss today!
 - Checking remaining technical points
 - What's the best way to proceed

Procedural Discussion for AccECN, ECN++

- Discuss how to proceed these drafts
 - We would like to focus on procedures here
 - We won't need detailed technical discussions
 - E.g mechanisms for other proposals
- First check point
 - Do these drafts have remaining technical discussion points before WGLC?
 - Note: some minors points can be adjusted during WGLC

Remaining Points from Chairs

– Bit 7 Allocation

- Promote AccECN to PS and allocate bit 7 for AccECN
- Use draft-kuehlewind-tcpm-flags-registry
 - Apply this policy to only bit 7
 - Apply this policy to all remaining reserved bits
- Temporally assignment in RFC2780
- Any other ways?

– Independency from other related proposals

- Confirm AccECN and SCE will not conflict each other
- Confirm some conflicts between L4S and SCE are independent from AccECN and ECN ++

– Any other thoughts?

Temporary Assignments in RFC2780

2. Temporary Assignments

From time to time temporary assignments are made in the values for fields in these headers for use in experiments. IESG Approval is required for any such temporary assignments.