

CCWG

IETF 117

San Francisco

Tuesday, July 25, 2023

15:00 - 16:30 (GMT-7)

Tuesday Session III, Plaza B

Mailing List: ccwg@ietf.org

Zulip: zulip.ietf.org:ccwg

Meetecho: <https://meetings.conf.meetecho.com/ietf117/?group=ccwg>

IETF Hybrid Meetings

[Session Participant Guide](#)

[Meetecho Documentation](#)

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IETF meeting registration and a datatracker account are required to join

Enter the queue by pressing the raise hand  button, leave with 

If onsite, use the onsite tool to enter the queue and speak via the microphone

If remote, use  to send audio, stop with 

Please state your full name before speaking and use headphones if remote

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

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)

Helpful Links

Agenda

<https://github.com/ietf-wg-ccwg/wg-materials/blob/main/ietf117/agenda.md>

Meeting Notes

<https://notes.ietf.org/notes-ietf-117-ccwg>

Chat

<https://zulip.ietf.org/#narrow/stream/ccwg>

Working Group Chairs

Reese Enghardt and Eric Kinnear

Agenda

Housekeeping Scribe Selection / Note Well / Agenda Bashing

Charter Overview and Planning (10 minutes)

Drafts

5033bis (10 minutes)

Congestion Control Analysis (10 minutes)

Guidelines for Congestion Control (15 minutes)

BBR (20 minutes)

DCCP Congestion Control (10 minutes)

HPCC++: Enhanced High Precision Congestion Control (15 minutes)

Charter Overview (1)

The Congestion Control Working Group will

analyze some of the impediments to congestion control work occurring in the IETF and can

generalize transports from TCP to all of the relevant transport protocols.

This will inform a **revision of RFC 5033** (5033bis) that encourages IETF review of congestion control proposals and standardization of mature congestion control algorithms.

Charter Overview (2)

[CCWG is] a natural venue to **take on other work related to indications of congestion** [...].

In particular, it can address **congestion control algorithms** with empirical evidence of safety (for example - avoiding congestion collapse) and stated intent to deploy by major implementations.

The working group is intended to be a home for such work, and it is chartered to **adopt proposals in this space** if such congestion control algorithms are presented before or after the completion of the primary deliverable i.e. 5033bis.

Charter Overview (3)

The group will **coordinate closely** with other relevant working and research groups, including ICCRG, TCPM, QUIC, and TSVWG.

Documents in CCWG will remain **as transport protocol agnostic as possible** [...]

Algorithms proposed for Experimental status, in consultation with ICCRG, based on an assessment of their maturity and likelihood of near-term wide-scale deployment, **are in scope**.

Publication of **Informational RFCs** analyzing the published standard congestion control algorithms is within CCWG scope.

Milestones

- Submit 5033bis to IESG for publication
- Submit an Informational RFC analyzing the published standard congestion controllers

Github

- <https://github.com/ietf-wg-ccwg>
- WG materials: Datatracker, Pull Requests, or email
- Drafts
 - Confirm consensus on mailing list
 - Send summary of Github issues to WG list every week

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