RTP Media Congestion Avoidance Techniques (rmcat)

Chairs:
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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/](https://www.ietf.org/privacy-policy/) (Privacy Policy)
Administrativa

Today’s slides

https://datatracker.ietf.org/meeting/101/materials.html#rmcat

Remote participation

Meetecho: http://www.meetecho.com/ietf101/rmcat

Jabber chat

xmpp:rmcat@jabber.ietf.org?join

Minute taker and jabber scribe?

Mailing list

http://www.ietf.org/mailman/listinfo/rmcat
Agenda

1. Administrativa -- chairs
2. WG status -- chairs
3. RTCP feedback for congestion control -- Colin Perkins
4. draft-ietf-rmcat-eval-criteria -- Jörg Ott
5. draft-ietf-rmcat-video-traffic-model -- Xiaoqing Zhu
WG Document Status

Algorithm candidates & Co
- RFC 8298
  - was draft-ietf-rmcat-scream-cc-13
- draft-ietf-rmcat-coupled-cc-07
- RFC Ed Queue: MISSREF
- draft-ietf-rmcat-sbd-10 [updated]
  - submitted to IESG
- draft-ietf-rmcat-nada-06 [updated]
  - waiting for WG chair go-ahead
- draft-ietf-rmcat-gcc-02
  - waiting for author update
WG Document Status

Requirements
• draft-ietf-rmcat-cc-requirements-09 [RFC Ed Queue: MISSREF]

Evaluation
• draft-ietf-rmcat-eval-test-05 [expired]
  • ready for WGLC
• draft-ietf-rmcat-wireless-tests-04 [expired]
  • ready for WGLC
• draft-ietf-rmcat-eval-criteria-06 [expired]
  • on the agenda
• draft-ietf-rmcat-video-traffic-model-04 [updated]
  • on the agenda
WG Document Status

Feedback

• draft-ietf-rmcat-rtp-cc-feedback-03 [expired]
  • Will be updated once avtcore finishes work on feedback message

Interfaces

• draft-ietf-rmcat-cc-codec-interactions-02 [expired]
• draft-zhu-rmcat-framework-00 [expired] (individual draft)
• Waiting for proposal from Varun and Zahed on how to proceed with these two documents
Milestones

**Done** Adopt first WG draft on requirements
**Done** Adopt first WG draft on evaluation criteria
**Done** Adopt first WG draft of RTCP extensions for use with congestion control algorithms and interactions between applications and RTP flows (if needed)
**Done** Adopt first congestion control candidate as WG draft
**Done** Adopt first WG draft on identifying and controlling groups of flows

**Done** Submit identifying and controlling groups of flows to IESG for Experimental publication
**Done** Submit first congestion control candidate to IESG for Experimental publication
**Done** Submit RTCP extension requirements for use with congestion control algorithms to AVTCORE (if needed)

**Aug 2017** Submit requirements and evaluation criteria to IESG as Informational
**Mar 2018** Submit interactions between applications and RTP flows to IESG as Informational
**Mar 2018** Publish first draft of evaluation results
**Mar 2018** Publish first draft of Standards Track congestion control algorithm
**Mar 2018** Publish first draft of techniques to detect, instrument or diagnose failing to meet RT schedules
**Jul 2018** Submit techniques to detect, instrument or diagnose failing to meet RT schedules to IESG as Informational
**Nov 2018** Submit congestion control to IESG for Proposed Standard