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/ (Privacy Policy)
Administrativa

Today’s slides

https://datatracker.ietf.org/meeting/102/materials.html#rmcat

Remote participation

Meetecho: http://www.meetecho.com/ietf102/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. Moving forward -- chairs
   a. Framework document
   b. Hackaton?
Algorithm candidates & Co

• RFC 8382
  • was draft-ietf-rmcat-sbd-11
• draft-ietf-rmcat-nada-08 [updated]
  • waiting for update following shepherd review
• draft-ietf-rmcat-coupled-cc-07
• RFC Ed Queue: MISSREF
• draft-ietf-rmcat-gcc-02
  • not currently pursued further
WG Document Status

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

Evaluation
• draft-ietf-rmcat-eval-test-06  [updated]
  • in WGLC, reviews needed
• draft-ietf-rmcat-eval-criteria-07  [updated]
  • in WGLC, reviews needed
• draft-ietf-rmcat-video-traffic-model-04
  • in WGLC, reviews needed
• draft-ietf-rmcat-wireless-tests-05  [updated]
  • up for WGLC once documents above are moving forward
WG Document Status

Feedback

• draft-ietf-rmcat-rtp-cc-feedback-04 [updated]
  • update on feedback message on the agenda

Interfaces

• draft-ietf-rmcat-cc-codec-interactions-02 [expired]
• draft-zhu-rmcat-framework-00 [expired] (individual draft)
• Return to this at the end of agenda
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
Moving Forward

Framework Document

- draft-ietf-rmcat-cc-codec-interactions-02 [expired]
- draft-zhu-rmcat-framework-00 [expired] (individual draft)
- Does the WG see a need and have energy in to work on framework document?

Hackathon

- Interest for Hackathon around the common feedback format in Bangkok?