RTP Media Congestion Avoidance Techniques (rmcat)

Chairs:
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Note Well

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Administrativa

Today’s slides

https://datatracker.ietf.org/meeting/interim-2017-rmcat-01/session/rmcat

Minute taker?

Mailing list

http://www.ietf.org/mailman/listinfo/rmcat
1. Chair's introduction (5 min)
2. Update on video-traffic-model draft (20 min) -- Xiaoqing Zhu
3. Update on ns3-rmcat open source module (as companion to the framework draft) (20 min) – Sergio Mena
4. Evaluation of NADA in ns3-rmcat (20 min) -- Xiaoqing Zhu
5. Progressing the evaluation drafts (10 min) -- chairs
6. Status of feedback design team (40 min) -- Zahed Sarker
Algorithm candidates & Co

- draft-ietf-rmcat-coupled-cc-06 [updated]
  - in write up
- draft-ietf-rmcat-sbd-06 [updated]
  - past WGLC
  - waiting for author update
- draft-ietf-rmcat-scream-cc-07
  - in write up
  - waiting for author update
- draft-ietf-rmcat-nada-04 [updated]
  - in WGLC
- draft-ietf-rmcat-gcc-02
  - waiting for author update
WG Document Status

Requirements, interfaces & evaluation
• draft-ietf-rmcat-cc-requirements-09  [RFC Ed Queue: MISSREF]
• draft-ietf-rmcat-eval-criteria-06  [expired]
• draft-ietf-rmcat-eval-test-04
• draft-ietf-rmcat-wireless-tests-03
• draft-ietf-rmcat-video-traffic-model-02  [updated]
• draft-ietf-rmcat-cc-codec-interactions-02  [expired]

Feedback
• draft-ietf-rmcat-rtp-cc-feedback-03
Drafts Status

Feedback
• draft-dt-rmcat-feedback-message-01

Requirements, interfaces & evaluation
• draft-zhu-rmcat-framework-00

Algorithm candidates & Co
• draft-singh-rmcat-adaptive-fec-03 [expired]
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

Apr 2017   Submit identifying and controlling groups of flows to IESG for Experimental publication
Apr 2017   Submit first congestion control candidate to IESG for Experimental publication
Aug 2017   Submit requirements and evaluation criteria to IESG as Informational
Aug 2017   Submit RTCP extension requirements for use with congestion control algorithms to AVTCORE (if needed)
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
Agenda Thu, April 27

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