RTP Media Congestion Avoidance Techniques (rmcat)

Chairs:

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Administrativa

Today's slides

http://datatracker.ietf.org/meeting/89/materials.html#session.group-rmcat

Remote participation

http://www.ietf.org/meeting/89/remote-participation.html

Jabber chat

xmpp:rmcat@jabber.ietf.org?join

Mailing list

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

Agenda

13:00   Administrativa & WG Overview (*Chairs*)

13:10   Congestion Control Requirements For RMCAT (*Randell Jesup*)
draft-ietf-rmcat-cc-requirements-02 (milestone cc-requirements)

13:20   Evaluating Congestion Control for Interactive Real-time Media (*Varun Singh*)
draft-ietf-rmcat-eval-criteria-00 (milestone eval-criteria)

13:30   Test Cases for Evaluating RMCAT Proposals (*Varun Singh*)
draft-sarker-rmcat-eval-test-00 (milestone eval-criteria)

14:00   Evaluation Test Cases for Interactive Real-Time Media over Cellular Networks
(*Zahed Sarker*) **draft-sarker-rmcat-cellular-eval-test-cases-00 [new]**

14:20   RMCAT Application Interaction (*Mo Zanaty*)
draft-zanaty-rmcat-app-interaction-00 [new]

14:50   Progress on Practical Shared Bottleneck Detection for Coupled Congestion
Control (*David Hayes*)

15:20   Update on Google Congestion Control Algorithm for Real-Time Communication
(*Stefan Holmer*) **draft-alvestrand-rmcat-congestion-02**

Congestion Control Requirements For RMCAT
draft-ietf-rmcat-cc-requirements-02

- 2 updates since IETF88
  - Reviews addressed from Bill Ver Steeg, M. Welzl, Dave Taht, and Zahed Sarker -> Thanks!
- WGLC started Feb 17 (until March 12)
  - New review from Magnus Westerlund -> Thanks!

WG Status

WG documents

> draft-ietf-rmcat-cc-requirements-02 → **WGLC until March 12!**

> draft-ietf-rmcat-eval-criteria-00 **[recently adopted]**

Drafts

In charter

draft-sarker-rmcat-eval-test-00 **[new]**

draft-sarker-rmcat-cellular-eval-test-cases-00 **[new]**

draft-zanaty-rmcat-app-interaction-00 **[new]**

draft-vanderauwera-rmcat-video-quality-00

draft-welzl-rmcat-coupled-cc-02

Algorithms

draft-alvestrand-rmcat-congestion-02 **[recently updated]**

draft-ohanlon-rmcat-dflow-02

draft-zhu-rmcat-nada-02

Add-ons

draft-alvestrand-rmcat-remb-03

draft-perkins-rmcat-rtp-cc-feedback-00 **[expired]**

Milestones

- Adopt first WG draft on requirements **[Done]**

- Adopt first WG draft on evaluation criteria **[Done]**

- Adopt first WG draft of interactions between applications and RTP flows **[Dec 2013]**

- Adopt first WG draft on identifying and controlling groups of flows **[Jan 2014]**

- Adopt first congestion control candidate as WG draft **[Jan 2014]**

Next Milestones

- Submit requirements and evaluation criteria to IESG as Informational **[Mar 2014]**

- Submit interactions between applications and RTP flows to IESG as Informational **[May 2014]**

  → **Coupled CC: update of the algorithm and separate draft on Shared Bottleneck Detection in next 2-3 month (further evaluation in progress)**

  → **CC candidates: Updates in progress and further (comparative) evaluation needed**

Others

- IRTF Open Meeting (Wed 0900-1130)

  Applied Networking Prize (ANRP) Award Talks:

  Keith Winstein on **designing a transport protocol for interactive applications that desire high throughput and low delay**

- Status report from RTCweb (*by Magnus Westerlund*)