

# RTP Media Congestion Avoidance Techniques (rmcat)

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- 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)



**I E T F**

# 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