

# RTP Media Congestion Avoidance Techniques (rmcat)

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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>**

# Agenda Thu, April 27

- 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**

# WG Document Status

## 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



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