

# Multimedia Congestion Control: Circuit Breakers for RTP Sessions

draft-ietf-avtcore-rtp-circuit-breakers-10

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# Status

- No changes to the draft since IETF 92
- Comments on mailing list from Simon Perreault and Magnus Westerlund

# Comments from Simon Perreault

- Helpful comments based on early implementation experience:
  - Need to clarify how to deal with implementations that don't support RTCP: can't use the circuit breaker, but some consent check desirable
  - Need to clarify behaviour when unclear if remote endpoint supports RTCP
  - Need to clarify the “at least once per RTT” bound, especially cases where the bound is only sometimes satisfied – provide a precise algorithm
- Will be incorporated into next version – thanks!

# Comments from Magnus Westerlund

- Various issues around mismatch between the RTT, RTCP reporting interval, and inter-packet interval
  - Lower bound of 1 packet-per-RTT allows high sending rates with low RTT
  - Issues with under-sampling when inter-packet interval exceeds the RTCP reporting interval
  - Issues with over-sampling when RTCP reporting interval less than RTT
- Ongoing discussions how to resolve these

# Next Steps

- Working to develop a proposal to address the open issues – aware that this is blocking other drafts