



RTCP Feedback for Congestion Control

RMCA Design Team

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QUICK recap

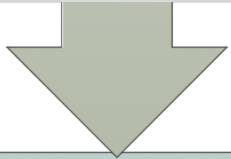
The design team was formed after IETF94 to design a generic congestion feedback message



The design team proposed their design as

A XR block

A RTCP feedback message



It was presented to AVTCORE wg

Suggestion was to drop the XR block

- Prime reason is better deployability

Design Team Goal

"The RTP Media Congestion Avoidance Techniques (RMCAT) Working Group formed a design team to analyze feedback requirements from various congestion control algorithms and to design a generic feedback message to help ensure interoperability across those algorithms. The feedback message is designed for a sender - based congestion control, which means the receiver of the media will send necessary feedback to the sender of the media to perform the congestion control at the sender."

Required
feedback
information

for

A sender
based
congestion
control

Packet level -
information block

Packet Identifier - RTP
sequence number.

Packet Arrival Time -
Arrival time stamp at
the receiver of the
media.

Packet ECN marking - If
ECN [RFC3168] is used,
it is necessary to report
on the 2 bit ECN mark in
received packets,

The feedback messages can have one or more of the above
information blocks. Grouped by SSRC.

Current status

The DT presented the draft at AVTCORE wg

The AVTCORE wg adopted the draft

- draft-ietf-avtcore-cc-feedback

The AVTCORE wg will take CCFB through finalization process

Expected outcome is a standard track RFC

What about
RMCAT DT?



Job well done!!

Thanks and
close the DT