

PAYLOAD

Tuesday, 17:10-18:40

Note takers: Bo Burman, Stephan Wenger

Jabber relay: Jonathan Lennox

Payload Status Update

Status of H.265 payload

Stephan: waiting for comments from Stephen Farrell relative to markup provided by authors

RTP Payload Format for Non-Interleaved and Interleaved Parity FEC

Varun Singh

[draft-ietf-payload-flexible-fec-scheme-01](#)

Jonathan: The limitation that all FEC'ed sources needs to be in the same RTP session should be documented.

Open issue 1: We currently do not want to replace SSRC with any alternate stream ID.

Magnus: We should also document that a middlebox that re-writes SSRC or SN in the RTP header will also have to re-calculate the flexfec packet data.

Colin: everything protected must be in same RTP session, add to draft

Open issue 2: Proposal to use the MIME type namespace to make the distinction and call this parity-flexfec (or flexfec-parity). It doesn't create a combinatorial expansion of payload types, because one FEC stream can protect all payload types in the RTP session.

Not conclude need discuss on list.

Open issue 3: Bitmask 0th bit is offset SN_Base + 1. Accepted

Open issue 4: If we are explicit on this, it can avoid one cause of combinatorial explosion by replacing the rtx payload type. We want to avoid implementations to subset the spec and only implement the retransmission capability. We also want to kill SSRC count if it is one. Proposal accepted.

Open issue 5: Proposal accepted. Stop at 108-bit mask.

Open issue 5 ½ (optimize packet format for rtx): could get 64 bits saving – authors will re-consider what to do. Wait for column FEC or not? Proposal on slide seems OK with WG.

Jonathan: what about Header Extension recovery? Mo: considered payload from the FEC scheme point of view.

RTP Payload Format for VP9 Video

Stefan Holmer

[draft-ietf-payload-vp9-00](#)

No comments or questions.

RTP Payload Format for Interleaved Packets

Rachel Huang

[draft-huang-payload-rtp-interleave-01](#)

Stephan: The fair (theoretical) comparison would be to compare the same length (delay) of FEC and interleaving, e.g. 10 packets. (e.g. Compare interleave of five packets with fec to FEC of 10 packets)

Justin: editorial comment, change name of MIME to not resemble a “bad” English word.