

Audio/Video Transport Payloads (Payload) Working Group Agenda

Chairs: Ali Begen (not present at the meeting), Roni Even

Tuesday, 28 March 2017 at 10:30-11:30 (Zurich A)

Note taker: Bo Burman

Jabber: Jonathan Lennox

Payload WG status update - Chairs

RTP Howto:

The draft-ietf-payload-rtp-howto-14 is in AUTH48, but has been with the IESG for 3 years and Magnus informed that there will be a few (editorial) changes due to things that changed during that time, like references and the new RFC format.

The changes will be sent to Payload mailing list for review.

VP9 Payload:

Jonathan informed that some interest was expressed to make the VP9 payload format work with multicast (streaming). This would require support for MRMT [RFC 7656] in the VP9 payload draft, not only SRST that is the case today. It is not clear if that use case would require use of RTP, though.

Since the VP9 section will be taken out from the flexible FEC draft (see later), the support for FEC will be in the VP9 Payload.

Tomas Edwards volunteered to review the [draft-ietf-payload-rtp-vc2hq](#) draft.

RTP Payload Format for Flexible FEC - Mo Zanaty

draft-ietf-payload-flexible-fec-scheme-04

Changes in -04

SSRC count/list moved to RTP Header and Removed final K bit in final Mask[46-108] – these two changes were approved.

Specified order of FEC and SRTP – RFC3711 FEC before SRTP while for PERC recommends FEC after SRTP.

Magnus comments that you cannot mandate order of FEC and SRTP information in the packet (for this or for SRTP), but that it must be negotiated, however the default order can be defined. The order impacts how the SRTP stack is modularized and order of SRTP and FEC cannot really be changed per payload format.

Varun comments that we should revisit the security section for all the cases that can happen.

This issue will not be part of the payload document.

This discussion on the SRTP and FEC order will be taken to PERC WG.

Other Business:

Vincent Roca informs the meeting about other FEC codes, like convolutional codes, and the FECFRAME work in TSV (first afternoon session on Thursday), and invites interested participants there.