
Audio/Video Transport Working Group

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 - » Simplified Elementary Streams with no SL 5
 - » Framework for delivery of MPEG-4 over IP 10
 - » FlexMux streams 15

Thursday Agenda

- Payload format for iLBC speech 15
- Payload format for SMPTE 292M video 5
- Payload format for uncompressed video 15
- RTCP reporting extensions 15
- RTP retransmission 20
- Multiplexing RTP based on SSRC 10
- RTCP extensions for SSM sessions 15

AVT Drafts in Process

- RFCs recently published:
 - » Payload format for AMR (RFC 3267)
- Drafts awaiting publication:
 - » RTP profile MIME registrations
 - » SDP bandwidth modifiers for RTCP bandwidth
 - » Payload format for Comfort Noise
 - » RTP spec & A/V Profile — “tentatively approved”

Issue: G.726 sample packing

- RTP payload format packs samples into octets *little-endian*; ITU AAL2 payload format packs samples *big-endian*
- Text/diagram in RTP profile may not be clear enough
- Recent request to change RTP format
- One response objecting to change
- Define ITU format as second MIME type? (Dynamic payload type)

Issue: Max interval for CN?

- Should the Comfort Noise payload format (which is at RFC editor) be modified to specify a maximum interval between CN packets?
- If so, what should the interval be?
- Or, does this belong in some application-specific document rather than the payload format itself?

[RTCP is intended to indicate liveness]

AVT Drafts Submitted to IESG

- Enhanced IP/UDP/RTP header compression
- Tunneling multiplexed compressed RTP (TCRTP)
- Secure RTP
- Payload format for EVRC/SMV

In AVT WG Last Call

- RTCP feedback (draft-ietf-avt-rtcp-feedback-02)
(draft-burmeister-avt-rtcp-feedback-sim-00) *Informational*
- MPEG-4 (draft-ietf-avt-mpeg4-simple-04)
- Distr. speech recognition (draft-ietf-avt-dsr-02)
- Uneven level protection (draft-ietf-avt-ulp-05)
- Unequal erasure prot. (draft-ietf-avt-uxp-03)

ULP as revision of RFC2733?

- In RFC2733, the X and P bits in the RTP header don't retain their usual meaning!
 - » A few bits saved by putting the XOR'd bits there
 - » Means header validation must be special cased for FEC packets
- Proposal: Redesign ULP to fix this and replace RFC2733

New Drafts Not Presented

- DTMF signaling (draft-ietf-avt-rfc2833bis-00)
 - » Several tones & events added or fixed
 - » Clarified that duration is unsigned; split durations exceeding range into multiple
 - » Distinguished states from events; states can be superseded before expiration
 - » Issue: Handling very long events (> 8 sec)
 - » Short-term effort with goal of Draft Std.
Volunteer for tracking interop?

Presenters Please Note!

- Starting your presentation, please say if:
 - » There is IPR associated with your draft
 - » Your draft is *not* offered in accordance with Section 10 of RFC 2026