AVT Document Status

- RFCs recently published:
  » Almost

- Drafts awaiting publication (RFC Ed):
  » RTP spec & A/V Profile
  » RTP profile MIME registrations
  » SDP bandwidth modifiers for RTCP bandwidth
  » Payload format for EVRC/SMV
  » Payload format for ETSI ES 201 108 DSR
  » Enhanced IP/UDP/RTP header compression
Last-Minute RTP Spec Edits

- When RR and RS are defined, senders get their portion of RS when senders $\leq \frac{RS}{(RS+RR)}$ rather than $\frac{1}{4}$
- Removed “senders $> 0$” clause in Section 6.3.1 and in rtcp_interval() in Appendix A.7
- Note that rtcp_interval() needs to be extended to support RR and RS
AVT Drafts Submitted to IESG

- Tunneling multiplexed compressed RTP (TCRTP)
- Secure RTP — recent mods per AD review
- Payload format for MPEG-4
- RTCP extended reports
- RTCP feedback (draft-ietf-avt-rtcp-feedback-07) (draft-burmeister-avt-rtcp-feedback-sim-02) *Informational*
- RTP retransmission (draft-ietf-avt-rtp-retransmission-08)
AVT WG Last Call

New drafts and last call needed:

● Uneven level protection (draft-ietf-avt-ulp-07)
  » New approach: revise RFC 2733 to fix header

● Unequal erasure prot. (draft-ietf-avt-uxp-05)
Not on the Agenda

- draft-ietf-avt-rtp-clearmode-00.txt
- draft-ietf-avt-rtp-jpeg2000-03.txt
- draft-hatanaka-avt-rtp-atracx-02.txt
- draft-flaks-avt-rtp-ac3-03.txt
- draft-ramalho-rgl-desc-01.txt
- draft-ramalho-rgl-rtpformat-01.txt
- draft-chen-rtp-bv-00.txt
Short Discussion

- FAX over RTP in ITU-T SG16 Q.14
- E-CRTP
- New charter

- draft-ietf-avt-mwpp-midi-rtp-07.txt
- draft-lazzaro-avt-mwpp-coding-guidelines-03.txt
- draft-lazzaro-avt-rtp-framing-contrans-01.txt
E-CRTP

- Specification is in AUTH-48.
- Currently the Headers Checksum (HDRCKSUM) only covers the 12 bytes of fixed RTP header.
- The authors desire to change the Headers Checksum to cover CSRC-list to allow validation and prevent error propagation.
- CSRC-list are already part of compression context.
- Any concerns need to be raised before Friday 18th of July.
AVT Charter - Items

- Move RTP and AVP to Full standard
- Review and revise RTP payload formats for draft standard
- Develop new payload formats as needed.
- Complete the generic FEC formats ULP & UXP
- Extend RTCP for SSM sessions
- Framing of RTP/RTCP for TCP & TLS
- Review applicability for RTP HC for MPLS
- New RTP profile for combination of AVPF and SAVP
- Coordinate with DCCP for efficient transport of RTP
AVT Charter – Long Term

- The longer term goals of the working group are to advance to Draft Standard:
  - the SRTP Profile,
  - the Extended RTP Profile for RTCP-based Feedback,
  - the Compressed RTP (CRTP) framework, including Enhanced CRTP,
  - the RTP MIB

- Further media codec work is not expected.
AVT Charter - Milestones

- Oct 2003 Review DCCP including prototypes and API; feedback to DCCP WG
- Nov 2003 Initial draft requirements for ECRTP over MPLS; discuss with MPLS WG
- Dec 2003 Submit UXP Payload Format for Proposed Standard
- Dec 2003 Submit ULP Payload Format for Proposed Standard
- Dec 2003 Submit RTCP/SSM draft for Proposed Standard
- Jan 2004 Advance RTP specification and A/V profile to Full Standard
- Mar 2004 Identify payload formats to classify as Historic
- Mar 2004 Finish requirements for ECRTP over MPLS; recharter for subsequent work
- Jul 2004 Submit RTP/SAVPF profile for Proposed Standard
- Jul 2004 Begin update of SRTP profile for Draft Standard RFC
- Jul 2004 Begin update of RTP/AVPF profile for Draft Standard RFC
- Aug 2004 Consider update of RTP MIB
- Nov 2004 Collect SRTP implementation reports
- Nov 2004 Collect RTP/AVPF implementation reports
- Mar 2005 Submit SRTP for Draft Standard
- Mar 2005 Submit RTP/AVPF for Draft Standard