

# 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  $\text{senders} \leq \text{RS}/(\text{RS}+\text{RR})$  rather than 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 18<sup>th</sup> 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