

Audio/Video Transport Core Maintenance Working Group

Magnus Westerlund

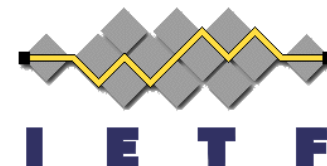
Roni Even

<http://tools.ietf.org/wg/avtcore/charters>

Jabber room: xmpp:avtcore@jabber.ietf.org

Audio:

Congress Hall I: <http://ietf80streaming.dnsalias.net/ietf/ietf802.m3u>



Note Well

- Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:
 - The IETF plenary session
 - The IESG, or any member thereof on behalf of the IESG
 - Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
 - Any IETF working group or portion thereof
 - The IAB or any member thereof on behalf of the IAB
 - The RFC Editor or the Internet-Drafts function
- All IETF Contributions are subject to the rules of [RFC 5378](#) and [RFC 3979](#) (updated by [RFC 4879](#)).
- Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.
- Please consult [RFC 5378](#) and [RFC 3979](#) for details.
- A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.
- A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

Agenda - Monday

- 13:00 AVTCore Introduction and Status Update (Chairs, 15)
- 13:15 Payload Introduction and Status Update (Payload Chairs, 15)
- 13:30 XRBlock Introduction and Status Update (XRblock Chairs, 15)
- 13:45 Explicit Congestion Notification for RTP over UDP (Perkins, 10)
- 13:55 RTCP Extension for Feedback Suppression Indication (Qin Wu, 10)
- 14:05 RTCP Feedback Suppression and Retransmission (Tom VanCaenegem, 5)
- 14:10 RTCP for inter-destination media synchronization(Ray van Brandenburg , 15)
- 14:25 Monitoring Architectures for RTP (Qin Wu, 15)
- 14:40 Multipath RTP (Varun Singh, 10)
- 14:50 End

AVT Restructure

- AVT restructured to four WGs.
 - AVTcore
 - AVText
 - Payload
 - XRblocks.

Document Status

- RFC Published
 - RFC 6128 draft-ietf-avt-rtcp-port-for-ssm.
 - RFC 6188 draft-ietf-avt-srtp-big-aes
- RFC editor queue – Auth48
 - draft-ietf-avt-rtp-rfc3984bis-12 – will be RFC 6184
 - draft-ietf-avt-rtp-h264-rcdo-08 – will be RFC 6185
 - draft-ietf-avt-rtp-svc-27 – will be RFC 6190
- RFC editor queue
 - draft-ietf-avt-rapid-acquisition-for-rtp-17 – waiting for REF.
 - draft-ietf-avt-rtp-cnames-05
 - draft-ietf-avt-app-rtp-keepalive-10
 - draft-ietf-avt-rtp-ipmr-15

Document Status

- In Publication states
- IESG processing
 - draft-ietf-avtcore-ports-for-ucast-mcast-rtp-01 – waiting for AD go-ahead.
 - draft-ietf-avt-forward-shifted-red – AD followup
 - draft-ietf-avt-srtp-not-mandatory – AD followup

Document Status

- Other working group documents
 - draft-ietf-avt-srtp-ekt-02 – looking for review, ready for WGLC?
 - draft-ietf-avtcore-srtp-vbr-audio-00 – Just finished WGLC.
 - draft-ietf-avt-srtp-aes-gcm-01 – need review, will progress after EKT.

Milestone Review

- Jan 2011 Submit Port Mapping Between Unicast and Multicast RTP Sessions for Proposed Standard
 - Done
- Feb 2011 Submit Monitoring Architecture for RTP for Informational
 - Late and will need more work
- Feb 2011 Submit Guidelines for the use of Variable Bit Rate Audio with Secure RTP as Informational (or possibly BCP)
 - WGLC done
- Apr 2011 Submit in band keying mechanism for SRTP draft for Proposed Standard
 - Maybe ready for WGLC
- Apr 2011 Submit Explicit Congestion Notification (ECN) for RTP over UDP for Proposed Standard
 - See agenda item
- May 2011 Submit RTCP indication for retransmission suppression as Proposed Standard
 - See agenda item
- Sep 2011 Submit Encryption of Header Extensions in the Secure Real-Time Transport Protocol (SRTP) for Proposed Standard
 - Need to adopt a WG item for this, candidate [draft-lennox-avt-srtp-encrypted-extension-headers-02](#)
- Dec 2011 Submit Real-Time Transport Control Protocol (RTCP) in Overlay Multicast for Proposed Standard
 - Need to adopt a WG item for this, please submit contribution

Other work to note

- Multiplexing in RTP sessions
 - The topic was discussed in RTCWeb and CLUE mailing list and it may result in new work for AVTcore.
 - Need for clarifying when it is appropriate to send multiple streams using different SSRCs in the same RTP session versus them being in different RTP sessions
 - Some desire to put all media over the same 5-tuple.

Other work to note

- Two MMUSIC Drafts on redundant media streams
 - draft-begen-mmusic-temporal-interleaving-01
 - draft-begen-mmusic-redundancy-grouping-00
- Please review the drafts since they may have AVTcore issues.
- Will be presented in MMUSIC session