Audio/Video Transport Core Maintenance Working Group

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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 Feedbak 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-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