Audio/Video Transport Working Group

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http://www.ietf.org/html.charters/avt-charter.html

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

Audio:
Colorado: http://videolab.uoregon.edu/events/ietf/ietf786.m3u
Brussels: http://videolab.uoregon.edu/events/ietf/ietf783.m3u
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Agenda - Tuesday

17:10  Introduction and Status Update (Chairs, 15)

17:25  Explicit Congestion Notification for RTP over UDP (Perkins, 10)

17:35  Splicing for MPEG2-TS Problem Statement in RTP Sessions (Xia, 15)

17:50  Monitoring Architectures for RTP (Even, 20)

18:10  End
Agenda - Friday

09:00  Introduction and Status Update                          (Chairs, 10)
09:10  Port Mapping Between Unicast and Multicast RTP Sessions(Begen, 30)
09:40  Guidelines for Choosing RTCP CNAMEs                    (Begen, 15)
09:55  RTCP Port for Multicast Sessions                       (Begen, 20)
10:15  Multipath RTP (MPRTP)                                  (Ott, 15)
10:30  RTCP XR Report for Real-time Video Quality Monitoring(Qin Wu, 10)
10:40  RTCP Receiver Report for Feedback Storm Suppression (Qin Wu, 15)
10:55  Extended Rapid Acquisition of Multicast RTP Sessions(Johannsson, 15)
11:10  RSVP Application-ID Profiles for Voice and Video Streams(Cullen, 10)
11:20  End
MPEG2-TS breakout session

• Objective – discuss next steps
• When
  – Thursday 11:45 – 12:45 room 0.7 Lisbon
  – Bring your own lunch
Document Status

• Charter updated time line-
  http://www.ietf.org/dyn/wg/charter/avt-charter.html

• RFC Published
  – RFC 5764  draft-ietf-avt-dtls-srtp
  – RFC 5761  draft-ietf-avt-rtp-and-rtcp-mux
Document Status

• In Publication states
• RFC editor queue
  – draft-ietf-avt-seed-srtp – will be RFC 5669
  – draft-ietf-avt-rapid-rtp-sync
  – draft-ietf-avt-rtcp-guidelines
  – draft-ietf-avt-rtp-gsm-hr

• IESG processing
  – draft-ietf-avt-rtp-ipmr – Waiting for revised ID
  – draft-ietf-avt-app-rtp-keepalive – IESG processing – 08 resolved most comments
  – draft-ietf-avt-forward-shifted-red – need revised ID
  – draft-ietf-avt-srtp-not-mandatory – IESG evaluation

• draft-ietf-avt-register-srtp was dropped since seed-srtp was changed to proposed standard.
Document Status

• Waiting for proto write-up
  
  – draft-ietf-avt-rapid-acquisition-for-rtp. Proto write up in progress.
  – draft-ietf-avt-rtp-svc – in type review. Send to publication after the meeting
  – draft-ietf-avt-rtp-h264-rcdo – in type review. Send to publication after the meeting

• Others
  
  – We received a new Cisco System's Statement About IPR Claimed in draft-ietf-avt-rtp-svc-21. See https://datatracker.ietf.org/ipr/1365/
Other drafts

• draft-ietf-avt-srtp-big-aes-03 – need to resolve WGLC comments.

• New RTP Payloads
  – draft-ietf-avt-rfc3016bis-00 (MPEG4)
  – draft-ietf-avt-rtp-evrc-nw-00
  – draft-ietf-avt-rtp-isac-00
  – draft-ietf-avt-rtp-klv-00
  – draft-ietf-avt-rtp-mvc-00
  – draft-ietf-avt-rtp-sbc-00

• Other RTP payloads
  – draft-ietf-avt-rfc4695-bis-07 (midi) – 08 was just posted, can go to WGLC
  – draft-ietf-avt-rtp-g718-03 – need an editor
  – draft-ietf-avt-rfc3189bis-04 (DV video) – waiting for revised draft

• The chairs are looking for volunteers to review payload specifications. Please help us.
Milestones with candidate drafts

- draft-begen-avt-rams-scenarios
- draft-lennox-avt-srtp-encrypted-extension-headers
- draft-ott-avt-rtcp-overlay-multicast

- draft-valin-celt-rtp-profile was accepted as WG item but was not submitted yet.
Other individual drafts to note

• RTP Extension Header for Selective Transmission in draft-yang-avt-selective-transmission-01.
  – describes a method of using selective transmission to decrease the effect of random packet dropping in the video stream under congestion.
Next steps in AVT after IETF 78

• Send RAMS base documents to publication
  – Require WGLC on CNAME, port mapping and RTCP port for SSM
• Progress RTP payloads
• Topics to be handled – Chairs will try to prioritize the topics with list of relevant drafts
  – MPEG2-TS preamble
  – Other RAMS enhancements
  – Audio levels header extensions
  – RTCP XR quality monitoring extensions.
  – Security – EKT (draft-ietf-avt-srtp-ekt)
  – ECN (draft-ietf-avt-ecn-for-rtp)
  – RTP/RTCP enhancements