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:
Valley Ballroom B:  http://videolab.uoregon.edu/events/ietf/ietf797.m3u
Garden Ballroom 3:  http://videolab.uoregon.edu/events/ietf/ietf793.m3u
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Agenda - Monday

13:00  Introduction and Status Update (Chairs, 15)
13:15  Port Mapping Between Unicast and Multicast RTP Sessions(Begen, 20)
13:35  Explicit Congestion Notification for RTP over UDP (Perkins, 20)
13:55  RTCP Report Extension for Feedback Suppression (Qin Wu, 15)
14:10  RTCP XR for inter-destination media synchronization(Ray van Brandenburg , 10)
14:20  Additional Parameters in for H.264 Video (Tom Kristensen, 10)
14:30  Using approximate authentication SRTP (Gabor Feher, 10)
14:40  End
Agenda - Thursday

13:00  Introduction and Status Update  (Chairs, 5)
13:05  Audio Levels status  (Chairs, 10)
13:15  Content Splicing for RTP Sessions  (Jinwei Xia, 15)
13:30  Monitoring Architectures for RTP  (Even, 20)
13:50  XR Report Blocks for Realtime Video Quality Monitoring (Qin Wu, 10)
14:00  Switching from unicast to multicast for multicast short time-shift (Peilin Yang, 15)
14:15  Multipath RTP  (Ott, 10)
14:25  End
Document Status

• RFC Published
  – RFC 5968    draft-ietf-avt-rtcp-guidelines
  – RFC 5993    draft-ietf-avt-rtp-gsm-hr
Document Status

• In Publication states

• RFC editor queue
  – draft-ietf-avt-rapid-rtp-sync – will be RFC 6051

• IESG processing
  – draft-ietf-avt-rtp-ipmr – need to clear Discuss
  – draft-ietf-avt-app-rtp-keepalive – 09 hopefully resolved most comments
  – draft-ietf-avt-forward-shifted-red -06 – need revised ID addressing comments
  – draft-ietf-avt-srtp-not-mandatory-07 – need clarification after IESG review
  – draft-ietf-avt-rapid-acquisition-for-rtp-16 – revised ID needed
  – draft-ietf-avt-rtcp-port-for-ssm-03 – publication request
  – draft-ietf-avt-rtp-svc-23 – waiting for AD go-ahead
  – draft-ietf-avt-rtp-h264-rcko-07 – IESG evaluation
Document Status

• Waiting for proto write-up
  – draft-ietf-avt-rtp-cnames-01 – need a revised id before publication request.
  – draft-ietf-avt-multicast-acq-rtcp-xr-01 – *We need evidence of more reviews*
  – draft-ietf-avt-srtp-big-aes-04 – Waiting for a revised ID before submitting for publication.

• Others
  – Two IPR statements on draft-ietf-avt-rtp-rfc3984bis from Nokia
    [https://datatracker.ietf.org/ipr/1431/](https://datatracker.ietf.org/ipr/1431/) and Qualcomm
    [https://datatracker.ietf.org/ipr/1399/](https://datatracker.ietf.org/ipr/1399/) (note that Qualcomm IPR statement is on RFC3984)
Other drafts

• RTP Payloads
  – draft-ietf-avt-rfc3016bis-01 (MPEG4) – Ready for WGLC
  – draft-ietf-avt-rtp-evrc-nw-01 - need reviewers
  – draft-ietf-avt-rtp-isac-00 – need reviewers
  – draft-ietf-avt-rtp-klv-00 - expired but will be resubmitted. Need reviewers
  – draft-ietf-avt-rtp-mvc-01 – need revision according to the editors.
  – draft-ietf-avt-rtp-sbc-00 - need reviewers
  – draft-ietf-avt-rfc4695-bis-08 (midi) – Ready for 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 in order to last call them and send to publication. Please help us.
Milestones with candidate drafts

- draft-begen-avt-rams-scenarios – expired, resubmission required.
- draft-lennox-avt-srtp-encrypted-extension-headers – can we adopt?
- draft-ott-avt-rtcp-overlay-multicast – no resources to work, will update the chairs in a couple of weeks.
- draft-ott-avt-rtcp-xt-discard-metrics-01 – Expired, resubmission required.
- draft-xu-avt-dra-00 – Trying to sort out problem with individual submission

- draft-valin-celt-rtp-profile was accepted as WG item but was not submitted yet.
Other drafts for consideration

- draft-yang-avt-rtp-synced-playback-05
  - This draft enables the synchronization between users watching the same channel after they join the multicast channel when they started with a unicast burst (e.g. RAMS) or used a unicast channel later (e.g. timeshift services).
  - draft-yang-avt-switch-multicast-short-timeshift is using this method and will be discussed later.
  - Was updated based on comments, please review and send any comment to the list.
New draft

• New draft-huang-avt-rtcp-xr-decodability-00
  – Defines an RTCP XR Report Block that allows the reporting of Decodability Statistics Metric used for MPEG2 Transport Stream.
  – Split from draft-wu-avt-rtcp-xr-quality-monitoring to keep it codec agnostics.
Next steps in AVT after IETF 79

- Progress RTP payloads – Try to finish as many as can.
- 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
HTTP Streaming Bar BoF

• There will be a HTTP Streaming Bar BoF on Wednesday 19:30-21:00
  – Location – Emerald room