

# Audio/Video Transport Working Group

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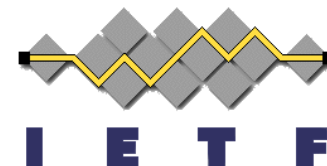
<http://www.ietf.org/html.charters/avt-charter.html>

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(Johansson, 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-rtp-rfc3984bis-09 – ready to go ahead.
  - 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