

# Audio/Video Transport Working Group

Tom Taylor

Roni Even

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



# Agenda - Monday

- 13:00 Introduction and Status Update (Chairs, 15)
- 13:15 Rapid Synchronization with RTP Multicast Sessions (Ver Steeg, 5)
- 13:20 Considerations for RAMS Scenarios (Begen, 10)
- 13:30 Synchronized Playback in RAMS (Peilin, 10)
- 13:40 Improved Rapid Acquisition of Multicast Sessions(Zou ZiXuan, 10)
- 13:50 RTP Payload Format for MPEG2-TS Preamble (Begen, 10)
- 14:00 Preamble Acquisition of MPEG-TS Multicast Sessions (Peilin, 10)
- 14:10 Multicast Acquisition Report Block Type for RTCP XR (Begen, 5)
- 14:15 Network-based Rapid Acquisition of Multicast RTP Sessions(Qin Wu, 5)
- 14:20 Encrypted Key Transport for Secure RTP (Wing, 10)
- 14:30 Guidelines for the use of VBR Audio with Secure RTP(Perkins, 10)
- 14:40 End

# Agenda - Wednesday

- 15:10 Introduction and Status Update (Chairs, 5)
- 15:15 Mixer-to-client Audio Level Indication (Ivov, 10)
- 15:25 Client-to-Mixer Audio Level Indication (Ivov, 10)
- 15:35 Mapping Between Unicast and Multicast RTP Sessions (Begen, 15)
- 15:50 ECN for RTP over UDP (Perkins, 20)
- 16:10 End

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# Document Status

- RFC Published
  - RFC 5686      draft-ietf-avt-rtp-uemclip
  - RFC 5691      draft-ietf-avt-rtp-mps
  - RFC 5584      draft-ietf-avt-rtp-atrac-family

# Document Status

- In Publication states
  - draft-ietf-avt-rtp-and-rtcp-mux – RFC editor queue – waiting to SSM
  - draft-ietf-avt-dtls-srtp – RFC editor queue – waiting for rtp-rtcp-mux and draft-ietf-tls-extractor
  - draft-ietf-avt-rtcpssm – waiting for revised ID (blocking other drafts)
  - draft-ietf-avt-post-repair-rtcp-xr – AD follow-up (Charter)
  - draft-ietf-avt-app-rtp-keepalive – IESG processing
  - draft-ietf-avt-seed-srtp – AUTH48
  - draft-ietf-avt-rtp-ipmr – publication request

# Other drafts

- SVC and H.264 (3984bis) – Did second WGLC on 3984bis, ready for publication?
- draft-ietf-avt-rapid-rtp-sync-06 – WGLC after IETF 76
- draft-ietf-avt-srtp-not-mandatory-03 – WGLC
- draft-ietf-avt-rtp-gsm-hr – WGLC
- draft-schmidt-avt-rfc3016bis-02 – need timeline update to be a WG item



# XR Discard Metrics

draft-ott-avt-rtcp-xr-discard-metrics-01.txt

- Detailed reporting on packets discarded from the jitter buffer
- Related but insufficient specs
  - VoIP discarded metric (RFC 3611): cumulative early/late packets discarded since session start
  - Discard packet count (draft-ietf-avt-rtcp-xr-discard-02.txt)
  - Burst/gap discard metric (draft-ietf-avt-rtcp-xr-burst-gap-discard-02.txt)
- Finer granularity needed (e.g., for quick adaptation)
- Two reports
  - RLE for discarded packet to provide detailed stats
  - PMOL framework-style “bytes discarded” report block
- Some typos (copy&paste) to be fixed
- Packet format proven useful in video rate control simulations