

# **Audio/Video Transport Working Group**

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



# Agenda - Thursday

- 15:10 Introduction and Status Update (Chairs, 10)
- 15:20 DTLS-SRTP Key Transport (Wing, 10)
- 15:30 Encrypted Key Transport for Secure RTP (McGrew, 10)
- 15:40 The use of AES-192 and AES-256 in SRTP (McGrew, 5)
- 15:45 AES-GCM & AES-CCM Authenticated Encryption in SRTP (McGrew, 5)
- 15:50 SRTP Store-and-Forward Use Cases and Requirements (Blom, 10)
- 16:00 The Use of the SRTP in Store-and-Forward Applications (Blom, 5)
- 16:05 End

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- When starting a presentation you MUST say if:
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- Recommend reading the latest policy text in <http://trustee.ietf.org/policyandprocedures.html> when considering the boiler plate for your draft.
  - Note the issue with pre-RFC5378 text in your drafts

# Others

- Suggest making draft-perkins-avt-rapid-rtp-sync-03 a WG document.
  - Needed by DVB TM-AVC.

# **Rapid Synch for RTP Multicast Sessions**

draft-versteeg-avt-rapid-synchronization-for-rtp-02

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AVT Chairs

# Summary from Breakout Session

- New Title
  - Unicast-Based Rapid Acquisition of Multicast RTP Sessions
  - Rename fields match to (RAMS)
- TLV Encapsulation vs Fixed Fields with Defaults
  - We will do TLV for all optional fields, finding the correct balance between required and optional fields
- FT Being Co-Located with Retransmission Source / Burst Source
  - We will list pros and cons where the logical entities are co-located and where they are not (and the associated SDP) in the AVT list
- Adding More Details for the Optional Fields
  - We will add more details in the next revision
- Extension Fields
  - We will check whether we can do subtype registration for RMS messages
  - We will check whether SDES can be used for vendor-specific extensions

# Summary from Breakout Session

- RTCP MUXing
  - Muxing will be recommended but not mandated
  - NAT section will provide issues/recommendations, including RR/RS addressing issues
- Rate Adaptation for the Burst
  - We recommend sending RMS-R multiple times with updated "requested bitrate" information, if desired
  - Methods for dynamic determination of correct value of "requested bitrate" are not in scope, but non-normative motivating text will be added
- Implicit Termination of Existing Burst with a New RMS-R
  - There are several use cases where multiple simultaneous bursts may be requested by RR for different multicast flows
  - FTs (address/port) for different flows might be different anyway
  - RMS-T and RTCP BYE will be used for burst termination
- Propose to Make This Draft a WG Item