Audio/Video Transport Core Maintenance Working Group

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Agenda bash - Tuesday

13:00  AVTCore Status Update (Chairs, 30)

13:30  RTP Considerations for Endpoints sending multiple media streams (Jonathan Lennox, 20)

13:50  Circuit Breakers for Unicast Sessions (Colin Perkins, 15)

14:05  RTP Clock Source Signalling (Kevin Gross, 10)

14:15  RTP and Leap Second (Kevin Gross, 10)

14:25  End
Document Status

• RFC Published
  – RFC 6792 (draft-ietf-avtcore-monarch).

• In Publication states

• RFC Ed queue
  – draft-ietf-avtcore-srtp-encrypted-header-ext-05

• IESG processing
  – draft-ietf-avt-srtp-not-mandatory-12 – AD Followup
    • Depending on progress for draft-ietf-avtcore-rtp-security-options-02
Document Status

• Other working group documents
  – draft-ietf-avtcore-aria-srtp-01
    • Last Call?
  – draft-ietf-avtcore-srtp-aes-gcm-05
    • Has waited for Encrypted header extension
    • Please review resolution of WG last call comments
    • Intended to request publication if all is fine
  – draft-ietf-avtcore-rtp-security-options-02
    • Outstanding edits regarding usage
    • Then need reviewers
  – draft-ietf-avtcore-srtp-ekt-00 (expired)
    • Authors please submit update?
    • Intended to start WG last call after update
Document Status

• Other working group documents
  – draft-ietf-avtcore-6222bis-00
    • discussed, are there still open issue?
    • After update, intended to WG last call
  – draft-ietf-avtcore-avp-codecs-00
    • Colin proposed changing the title to “Update to the Recommended Codecs for the RTP Profile for Audio and Video Conferences with Minimal Control (RTP/AVP)”.  
    • Will start WGLC when updated
  – draft-ietf-avtcore-multi-media-rtp-session-02
    • Added Timing out SSRC clarifications
    • Recommendations for RTCP bandwidth added but needs more specifics
  – draft-ietf-avtcore-idms-08
    • Updated ETSI to have IETF change control.
    • Passed second WG last call – will go to publication
WG Document Adoptions

• Individual Documents
  – `draft-westerlund-avtcore-multiplex-architecture-03`
    • Scope and purpose is guidance document
    • Adopting as WG document?
  – `draft-westerlund-avtcore-rtp-topologies-update-02`
    • Adopting as WG document?
Current Milestone Review (1)

• Apr 2012 - Submit Encryption of Header Extensions in the Secure Real-Time Transport Protocol (SRTP) for Proposed Standard – done

• Sep 2012 - Submit SRTP Cryptographic Transforms for AES Galois/Counter Mode (AES-GCM) and AES Counter with Cipher Block Chaining-Message Authentication Code (AES-CCM) and corresponding key-management profiles for Security Descriptions, MIKEY and DTLS-SRTP for publication as proposed standard – Ready for publication

• Oct 2012 - Submit in band keying mechanism for SRTP draft for Proposed Standard – Start WG last call?
• Oct 2012 - Submit an Overview of RTP Security Solutions as Informational – Need Update then Reviews

• Nov 2012 - Submit Specification for Inter-destination Media Playout Synchronization in RTP to IESG for publication as Proposed Standard –
• Nov 2012 - Submit RTP Clock Source Signaling as Proposed Standard
• Nov 2012 - RTP and Leap Seconds as proposed standard
Current Milestone Review (2)

- Dec 2012 - Submit Real-Time Transport Control Protocol (RTCP) in Overlay Multicast for Proposed Standard – **No Progress**
- Dec 2012 - Submit SRTP Cryptographic Transform(s) on the ARIA algorithm and corresponding key-management profiles for Security Descriptions, MIKEY and DTLS-SRTP for publication as proposed standard – **WG last call to start?**

- May 2013 - Submit Multiple Media Types in an RTP Session for publication as proposed standard
- May 2013 - Submit RTP Congestion Control: Circuit Breakers for Unicast Sessions for publication as proposed standard
- Sep 2013 - Submit an update of [RFC 6222](https://tools.ietf.org/html/rfc6222) - "Guidelines for Choosing RTP Control Protocol (RTCP) Canonical Names (CNAMEs)" including a privacy preserving algorithm for publication as proposed standard
- Sep 2013 - Submit Update to the Recommended Codecs for the RTP Profile for Audio and Video Conferences with Minimal Control (RTP/AVP) (RFC3551) as proposed standard – **Proposed Milestone**