

Audio/Video Transport Core Maintenance Working Group

Magnus Westerlund

Roni Even

<http://tools.ietf.org/wg/avtcore/charters>



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Agenda bash - Monday

- 09:00 AVTCore Status Update (Chairs, 20)
- 09:20 RTP Topologies (Stephan Wenger, 10)
- 09:30 Circuit Breakers for Unicast RTP Sessions (Varun Singh, 10)
- 09:40 Encrypted Key Transport for Secure RTP (John Mattsson, 10)
- 09:50 Requirements for Private Media in a Switched Conferencing Environment
(Nermeen Ismail, 30)
- 10:20 IDMS for IPTV Environments (Bastiaan Wissingh, 10)
- 10:30 RTP Payload Format for Non-Interleaved and Interleaved Parity FEC
(Varun Singh, 10)
- 10:40 End

Document Status

- RFC Published - none
- IESG processing
 - draft-ietf-avtcore-srtp-aes-gcm-14
 - Need a new revision
 - draft-ietf-avtcore-aria-srtp-07
 - Was waiting for draft-ietf-avtcore-srtp-aes-gcm
 - Open issues – next slide

Document Status

- draft-ietf-avtcore-aria-srtp-07 – open issue
 - Document was in IETF LC and had comments about having it as a standard track document and if we should add it at all?
 - SDP Security Descriptions - SRTP Crypto Suite Registrations – requires standard action.
 - DTLS Extension to Establish Keys for SRTP - DTLS-SRTP Protection Profiles – Specification required
 - Mikey Payload Name Spaces - SRTP Pseudo Random Function (Value 5) and Encryption algorithm (Value 0) - IETF Review or IESG Approval
 - RFC5794 A Description of the ARIA Encryption Algorithm is an Informational RFC.
 - RFC6209 Addition of the ARIA Cipher Suites to Transport Layer Security (TLS) is an informational RFC

Document Status

- Other working group documents – not presented
 - draft-ietf-avtcore-multi-media-rtp-session-06
 - Need editorial work, no technical issues
 - draft-ietf-avtcore-rtp-multi-stream-06
 - Colin did a re-write of second half of the document. No technical changes. Working on simulations of the mechanisms.
 - draft-ietf-avtcore-rtp-multi-stream-optimisation-04
 - No changes, there were no new comments. In good shape and will go to WGLC with the multi-stream draft.
 - draft-ietf-avtcore-multiplex-guidelines-03
 - Need re-write, will be done after the other three documents in this slide

Document Status

- Other documents – not presented
 - Multiplexing Scheme Updates for SRTP Extension for DTLS in draft-petithuguenin-avtcore-rfc5764-mux-fixes-01.
 - Consensus to get a milestone for this work, waiting for AD to approve.
 - Need an update based on comments from IETF90
 - Adopt the document to address the milestone?
 - Multipath RTP in draft-singh-avtcore-mprtp-09
 - Chairs will set a milestone based on IETF90 and mailing list feedback
 - Need a revision of the individual draft.

Current Milestone Review

- Feb 2015 - Submit in band keying mechanism for SRTP draft for Proposed Standard
- Feb 2015 - Submit Update to RTP Topologies ([RFC 5117](#)) for Informational
- Mar 2015 - Submit Real-Time Transport Control Protocol (RTCP) in Overlay Multicast for Proposed Standard
- Apr 2015 - Submit Multiple Media Types in an RTP Session for publication as proposed standard
- Apr 2015 - Submit Update to the RTP Specification ([RFC3550](#)) regarding Sending Multiple Media Streams in a Single RTP Session: Grouping RTCP Reception Statistics and Other Feedback as proposed standard
- May 2015 - Submit Guidelines for using the Multiplexing Features of RTP for Informational
- May 2015 - Submit Update to the RTP Specification ([RFC3550](#)) regarding Sending Multiple Media Streams in a Single RTP Session as proposed standard
- Jun 2015 - Submit RTP Congestion Control: Circuit Breakers for Unicast Sessions for publication as proposed standard

- Apr 2015 - Multiplexing Scheme Updates for SRTP for DTLS (waiting approval)