Audio/Video Transport Core Maintenance Working Group

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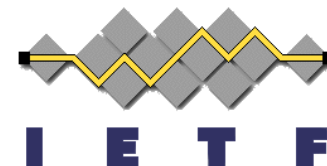Roni Even

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

Jabber room: xmpp:avtcore@jabber.ietf.org

Audio: http://ietf83streaming.dnsalias.net/ietf/ietf836.m3u

Room 252B

I E T F

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Agenda bash - Monday

13:00   AVTCore Status Update   (Chairs, 15)

13:15   Why RTP Sessions Should Be Content Neutral (Harald Alvestrand , 15)

13:30   RTP Multiplexing Architecture   (Magnus Westerlund , 20)

13:50   Multiple RTP Session on a Single Lower-Layer Transport (Magnus Westerlund , 35)

14:25   RTP Congestion Control: Circuit Breakers for Unicast Sessions (Colin Perkins , 15)

14:40   RTP Topology Considerations for Offer/Answer-Initiated Sessions (Jonathan Lennox, 20)

15:00   Break (if needed)   (10)

15:40   Multipath RTP   (Varun Singh, 10)

15:10   RTP Clock Source Signaling   (Aidan Williams, 10)

15:20   RTCP for inter-destination media synchronization (Ray van Brandenburg, 10)

15:30   Duplicating RTP Streams   (Begen, 10)

15:50   End

Document Status

- ## RFC Published
  - RFC 6562 draft-ietf-avtcore-srtp-vbr-audio.

- ## In Publication states
- IESG processing
  - draft-ietf-avt-srtp-not-mandatory-08 – AD follow-up
  - draft-ietf-avtcore-ecn-for-rtp-06 – IESG LC
  - draft-ietf-avtcore-feedback-supression-rtp-15 – IESG LC

Document Status

- Other working group documents

    - draft-ietf-avt-srtp-ekt-03 –ready for WGLC?
        - Still some discussion on the list.
    - draft-ietf-avt-srtp-aes-gcm-02 – will progress after EKT.
    - draft-ietf-avtcore-srtp-encrypted-header-ext-01 – Finished WGLC.
        - Need to address comments before publication.
    - draft-ietf-avtcore-monarch-11 – WGLC

- Other documents have their own slots in the session.

Current Milestone Review

- Feb 2011 - Submit Monitoring Architecture for RTP for Informational
  - In WGLC
- Apr 2011 - Submit in band keying mechanism for SRTP draft for Proposed Standard
  - Ready for WGLC?
- Sep 2011 - Submit Encryption of Header Extensions in the Secure Real-Time Transport Protocol (SRTP) for Proposed Standard
  - Finished WGLC waiting for update.
- Dec 2011 - Submit Real-Time Transport Control Protocol (RTCP) in Overlay Multicast for Proposed Standard
- Mar 2012 - Submit Specification for Inter-destination Media Playout Synchronization in RTP to IESG for publication as Proposed Standard

Update to the Milestones

- Current milestones:
  - Apr 2011 - Submit in band keying mechanism for SRTP draft for Proposed Standard
    - Will be updated since there may be a need to update the document to address RTCweb use case.
  - Apr 2012 - Submit Monitoring Architecture for RTP for Informational
  - Apr 2012 - Submit Encryption of Header Extensions in the Secure Real-Time Transport Protocol (SRTP) for Proposed Standard
  - Nov 2012 - Submit Specification for Inter-destination Media Playout Synchronization in RTP to IESG for publication as Proposed Standard
  - Dec 2012 - Submit Real-Time Transport Control Protocol (RTCP) in Overlay Multicast for Proposed Standard
    - May change the maturity level to experimental
- New proposed Milestones:
  - Oct 2012 Submit an Overview of RTP Security Solutions as Informational.
  - Nov 2012 Submit RTP Clock Source Signaling as Proposed Standard
    - Required for IDMS
  - 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

Change in Document write-up

The document write-up template for sending documents to publication has changed.

In particular, we need to poll authors on their compliance with IETF IPR rules prior to moving a document to the publication in the WG process.

See http://www.ietf.org/iesg/template/doc-writeup.html question 7.

7) Has each author confirmed that any and all appropriate IPR disclosures required for full conformance with the provisions of BCP 78 and BCP 79 have already been filed. If not, explain why.

We plan to send the authors an email asking for confirmation when a WG document goes to WG last call.