

Audio/Video Transport Working Group

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



Agenda

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|-------|------------------------------------|-------------------|
| 09:00 | Introduction and Status Update | (Chairs) |
| 09:15 | RTP MIB and RTCP XR MIB | (Clark/Pendleton) |
| 09:30 | RTCP XR Video Metrics | (Clark/Pendleton) |
| 09:40 | RTCP XR High Resolution VoIP | (Clark/Kumar) |
| 09:55 | SVC Payload Format | (Wenger) |
| 10:05 | Codec Control Messages using AVPF | (Wenger) |
| 10:20 | RTCP for packet delay adjustment | (Mahendran) |
| 10:35 | RTCP for SSM with Unicast Feedback | (Ott) |
| 10:50 | ZRTP | (Zimmermann) |
| 11:00 | Encrypted Key Transport for SRTP | (McGrew) |
| 11:10 | RTP over DTLS | (Rescorla) |
| 11:20 | RTP RCC | (Blom) |

Agenda

- Note: the RAI Open Area Meeting (3:20pm in Chantilly West) will continue discussion on security for real-time media applications
- Discussion here should focus on the problem to be solved and details of the draft; comparison in RAI

Intellectual Property

- When starting a presentation you MUST say if:
 - There is IPR associated with your draft
 - The restrictions listed in section 5 of RFC 3978 apply to your draft
- When asking questions or commenting on a draft:
 - You MUST disclose any IPR you know of relating to the technology under discussion
- Reference: RFC 3978/3979 and the “Note Well” text

Document Status

- RFC Published:

- draft-ietf-avt-tcrtp-08.txt ⇒ RFC 4170
- draft-ietf-avt-rtp-bv-04.txt ⇒ RFC 4298
- draft-lim-mpeg4-mime-03.txt ⇒ RFC 4337
- draft-ietf-avt-rtp-vmr-wb-11.txt ⇒ RFC 4348
- draft-ietf-avt-audio-t140c-00.txt ⇒ RFC 4351
- draft-ietf-avt-rtp-amrwbplus-07.txt ⇒ RFC 4352
- draft-garudadri-avt-3gpp2-mime-02.txt ⇒ RFC 4393
- draft-ietf-avt-rtp-3gpp-timed-text-15.txt ⇒ RFC 4396
- draft-ietf-avt-uncomp-video-ext-01.txt ⇒ RFC 4421
- draft-ietf-avt-rtp-vmr-wb-extension-02.txt ⇒ RFC 4424
- draft-ietf-avt-rtp-vc1-06.txt ⇒ RFC 4425

Document Status

- With RFC Editor:
 - draft-ietf-avt-mime-h224-05.txt
 - draft-ietf-avt-rfc2032-bis-13.txt
 - draft-ietf-avt-rtcp-feedback-11.txt
 - draft-burmeister-avt-rtcp-feedback-sim-06.txt
 - draft-ietf-avt-rtp-framing-contrans-06.txt
 - draft-ietf-avt-rtp-midi-format-15.txt
 - draft-ietf-avt-rtp-midi-guidelines-15.txt
 - draft-ietf-avt-rtp-retransmission-12.txt

Document Status

- IESG Review:
 - draft-ietf-avt-profile-savpf-05.txt
 - draft-ietf-avt-rfc2190-to-historic-04.txt
 - draft-ietf-avt-rfc2429-bis-08.txt
 - draft-ietf-avt-rfc2833bis-12.txt
 - draft-ietf-avt-rfc2833bisdata-06.txt
 - draft-jones-avt-audio-t38-05.txt (Approved pending media types review)

Big thanks to Allison and the RFC Editor for making all this happen!

Document Status

- In working group last call:
 - draft-ietf-avt-rtp-g729-scal-wb-ext-03.txt
- Ready for working group last call?
 - draft-ietf-avt-rtp-eac3-00.txt
 - draft-ietf-avt-ulp-16.txt
 - draft-ietf-avt-hc-over-mpls-protocol-04.txt
 - draft-ietf-avt-rfc3047-bis-01.txt
 - draft-ietf-avt-smpte-rtp-01.txt
 - draft-ietf-avt-rtp-hdnext-01.txt

Document Status

- In progress:

- draft-barbato-avt-rtp-theora-00.txt
- draft-clark-avt-rtcpvr-01.txt
- draft-clark-avt-rtcpvr-video-01.txt
- draft-hdesineni-avt-avpf-ccm-pd-extn-00.txt
- draft-ietf-avt-compact-bundled-evrc-01.txt
- draft-ietf-avt-mib-rtp-bis-00.txt
- draft-ietf-avt-rfc2833biscas-01.txt
- draft-ietf-avt-rfc3555bis-02.txt
- draft-ietf-avt-rfc3555bis-part2-00.txt
- draft-ietf-avt-rtcp-xr-mib-04.txt
- draft-ietf-avt-rtp-amr-bis-02.txt
- draft-ietf-avt-rtp-atrac-family-05.txt
- draft-ietf-avt-rtp-jpeg2000-10.txt
- draft-ietf-avt-rtp-jpeg2000-beam-03.txt
- draft-ietf-avt-rtp-speex-00.txt
- draft-ietf-avt-rtp-vorbis-00.txt
- draft-ietf-avt-tfrc-profile-05.txt
- draft-tschofenig-avt-rtp-dtls-00.txt
- draft-wenger-avt-avpf-ccm-03.txt
- draft-wenger-avt-rtp-svc-01.txt
- draft-westerlund-avt-rtp-howto-00.txt
- draft-xie-avt-compact-bundle-evrc-01.txt
- draft-zimmermann-avt-zrtp-01.txt
- draft-ietf-avt-rtcpssm-11.txt

...not finished our work yet!

How to Write RTP Payload Formats

- New draft: draft-westerlund-avt-rtp-howto-00.txt
- Provides guidelines and advice for authors of new RTP payload formats
 - Please review and comment – this is intended to help you!

- Accept as an AVT working group draft?
 - Already charter item – but is this draft appropriate?

Chartering

- Have a number of drafts which need charter updates to proceed:
 - draft-wenger-avt-avpf-ccm-03.txt
 - draft-clark-avt-rtcphr-01.txt
 - draft-clark-avt-rtcpxr-video-01.txt
 - Possibly security work, depending on discussion in RAI later
- Discussion with area director ongoing, expect charter update proposal in next few weeks

Chair & Payload Format Directorate

- Magnus Westerlund resigning as chair to pursue role as Transport Area Director
 - Many thanks for the contribution!
 - Replacement(s) not yet decided:
 - Several volunteers – thanks! Any further volunteers please contact us...
 - Discussion with volunteers and area director ongoing
- Proposal: set up an RTP Payload Format Directorate to help coordinate effective review of payload formats
 - Aim to coordinate review of all payload formats
 - Before accepting as work item; before working group last call
 - Volunteers to serve on the directorate wanted!
 - One draft per month \Rightarrow eternal thanks and glory :-)