AVT related WG report

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Agenda

• Speaker
• Overview
• Draft status
• Status update
• Conclusion
• Q&A
• AKIMICHI Ogawa
  Keio Univ/WIDE project
  RFC3189, RFC3190
  DVTS作者
Overview

• Day/Time
  July 17 at 1530-1730 (18:00??)
  July 18 at 1530-1730

• Status Updateが中心、穏やかな会合

• 各ドラフトのステータス

• 23 Internet-Drafts

• チェアのコメント
Wednesday

Introduction and status update (Casner/Perkins) 15

draft-ietf-avt-dsr-02.txt
draft-ietf-avt-rtcp-feedback-02.txt
draft-ietf-avt-ulp-05.txt
draft-ietf-avt-uxp-03.txt
draft-ietf-avt-rfc2833bis-00.txt
draft-ietf-avt-srtp-05.txt (with IESG)
draft-ietf-avt-rtp-new-11.txt (with IESG)
draft-ietf-avt-profile-new-12.txt (with IESG)
draft-ietf-avt-crtcp-enhance-04.txt (with IESG)
draft-ietf-avt-tcrtp-06.txt (with IESG)
draft-ietf-avt-evrc-smv-03.txt (with IESG)
draft-ietf-avt-rtp-cn-06.txt (with RFC editor)
draft-ietf-avt-rtp-mime-06.txt (with RFC editor)
draft-ietf-avt-rtcp-bw-05.txt (with RFC editor)

RFC 3267
<table>
<thead>
<tr>
<th>Agenda 7/17 (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTP Payload format for G.726 audio</td>
</tr>
<tr>
<td>Maximum transmission interval for CN</td>
</tr>
<tr>
<td>The MIDI Wire Protocol Packetization</td>
</tr>
<tr>
<td>RTP Payload for Interleaved Audio</td>
</tr>
<tr>
<td>RTP Payload format for AC-3 Streams</td>
</tr>
<tr>
<td>RTP Payload format for JPEG 2000 video</td>
</tr>
<tr>
<td>RTP Payload format for JVT video</td>
</tr>
<tr>
<td>RTP Payload formats and MIME types for MPEG-4</td>
</tr>
<tr>
<td>RTP payload format for MPEG-4 FlexMux streams</td>
</tr>
</tbody>
</table>
Agenda 7/18

Thursday
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RTP Payload format for iLBC speech (Duric) 15
RTP Payload format for SMPTE 292M (Gharai) 5
RTP Payload format for uncompressed (Gharai) 15
RTCP Reporting extensions (Clark/Friedman) 15
RTP Retransmission (Leon/Rey) 20
Multiplexing RTP based on SSRC (Casner) 10
RTCP Extensions for Single-Source Multicast (Chesterfield) 15
RTP Profile for Audio and Video Conferences with Minimal Control
RTP: A Transport Protocol for Real-Time Applications
MIME Type Registration of RTP Payload Formats
SDP Bandwidth Modifiers for RTCP Bandwidth
RTP Payload for Comfort Noise
Tunneling multiplexed Compressed RTP ('TCRTP')
RTP Payload Format for SMPTE 292M Video
Compressing IP/UDP/RTP headers on links with high delay, packet loss and reordering
An RTP Payload Format for Generic FEC with Uneven Level Protection
RTP Payload Formats to Enable Multiple Selective Retransmission
The Secure Real-time Transport Protocol
An RTP Payload Format for Erasure-Resilient Transmission of Progressive Multimedia Streams
RTP Payload Format for MPEG-4 Streams
Extended RTP Profile for RTCP-based Feedback (RTP/AVPF)
Transport of MPEG-4 Elementary Streams
RTP Payload Format for ETSI ES 201 108 Distributed Speech Recognition Encoding
RTP Payload Format for Enhanced Variable Rate Codecs (EVRC) and Selectable Mode Vocoders SMV
The MIDI Wire Protocol Packetization (MWPP)
RTCP Extensions for Single-Source Multicast Sessions with Unicas Feedback
RTP retransmission framework
RTP Payload for Interleaved Audio
RTP Payload Format for JPEG 2000 Video Streams
RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals
Draft Status

- 今回取り上げられた各Draftの分類
  AVT Draft in Progress
  IESG Submitted
  WG Last Call
• RTP profile MIME registrations
• SDP bandwidth modifiers for RFC
• Payload format for Comfort Noise
• RTP spec & A/V Profile
IESG Submitted

- Compressing IP/UDP/RTP headers on links with high delay, packet loss and reordering
- Tunneling Multiplexed Compressed RTP ("TCRTP")
- The Secure Real-time Transport Protocol
- RTP Payload Format for Enhanced Variable Rate Codecs (EVRC) and Selectable Mode Vocoders (SMV)
• RTCP feedback
• MPEG-4
• Distr. Speech recognition
• Uneven level protection
  RFC2733への再デザイン
• Unequal erasure prot
• 最近発行されたRFC
  Payload format for AMR(RFC 3267)
• 取り上げられていない新しいdraft
  DTMF signaling
  少しのUPDATEでdraft Stdへ
  Volunteer for tracking
Issue

• G.726 sample packing
  ITU, AAL2 との兼ね合い
  結論は出ず

• Max Interval for CN
14 drafts statusのUpdate

Pick UP drafts

AC-3 Streams

非圧縮 format Video over IP
Status Update

7/17

• The MIDI Wire Protocol Packetization

RTP Payload, SDP story is finished

• RTP Payload for Interleaved Audio

NEW draft

• RTP Payload format for AC-3 Streams
Status Update

7/17

- JPEG 2000 video
  Intelligent
  non- Intelligent
- JVT video
  Flexible なフォーマット
- MIME types for MPEG-4
- MPEG-4 FlexMux streams
7/18

• RTP Payload format for iLBC speech

• Umcompressed high quality format video over ip

  RTP Payload format for SMPTE 292M video
  RTP Payload format for uncompressed video
  NATIVE
Status Update

7/18

• RTCP Reporting extensions
  Combined 2 drafts
  voip + report-extns
  Proposed Standard へ

• RTP Retransmission
  selret-05: 同じセッション
  rtp-retransmission:異なるセッション
Status Update

7/18

- Multiplexing RTP based on SSRC
- RTCP Extensions for Single-Source Multicast Sessions
Conclusion

• 乱立したPayload format
• IETF55に向けて