MMUSIC @ IETF 96

Chairs:
Flemming Andreasen
Bo Burman
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  – Note takers

• When you speak
  – Use the microphone
  – Please state your name
Document Review Request

• Document quality relies on reviews, please review documents in your working group and at least one other document from another working group.

• If you’d like documents you care about reviewed, put the effort in to review other documents.
Agenda

12:20-12:35  Introduction and Status Update (15 mins, Chairs)

12:35-13:15  RTCWeb-related Drafts Review and Plans for Completion (40 mins, Chairs et. al.)

13:15-13:20  sdp ‘lang’ attribute ambiguities (Gunnar Hellström)
WG status (1)

• Published RFCs:
  – RFC 7850 Registering Values of the SDP 'proto' Field for Transporting RTP Media over TCP under Various RTP Profiles

• In RFC Editor Queue:
  – draft-ietf-mmusic-rfc2326bis-40
  – draft-ietf-mmusic-rtsp-nat-22
  – draft-ietf-mmusic-msid-15

• In IETF Last Call:
  – draft-ietf-mmusic-sdp-mux-attributes-13

• In IESG Review:
  – <none>

• Publication requested:
  – draft-ietf-mmusic-mux-exclusive-08
WG status (2)

• Waiting for Write-up:
  – draft-ietf-mmusic-4572-update-05
  – draft-ietf-mmusic-dtls-sdp-14

• WG Consensus:
  – draft-ietf-mmusic-sdp-bundle-negotiation-31

• WGLC:
  – draft-ietf-mmusic-rid-06
  – draft-ietf-mmusic-sdp-simulcast-05

• Getting Ready for WGLC:
  – draft-ietf-mmusic-data-channel-sdpneg-08
  – draft-ietf-mmusic-ice-sip-sdp-09
  – draft-ietf-mmusic-trickle-ice-sip-04
WG status (3)

• New work Items:
  – <none>

• Other WG drafts not on the agenda or already covered:
  – draft-ietf-mmusic-msrp-usage-data-channel-04
  – draft-ietf-mmusic-rfc4566bis-17
  – draft-ietf-mmusic-sctp-sdp-16

• SDP Directorate and Designated Expert reviews:
  – draft-ietf-payload-rtp-ancillary-03
    • Review by Dan Wing; Thank you!
## RTCWeb Dependencies in MMUSIC

<table>
<thead>
<tr>
<th>Draft</th>
<th>MMUSIC Status</th>
<th>I-D’s Currently Holding up this Draft</th>
</tr>
</thead>
<tbody>
<tr>
<td>draft-ietf-mmusic-mux-attributes</td>
<td>IETF LC</td>
<td>draft-ietf-mmusic-bundle-negotiation</td>
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<tr>
<td>draft-ietf-mmusic-mux-exclusive</td>
<td>IETF LC ended</td>
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<tr>
<td>draft-ietf-mmusic-sdp-bundle-negotiation</td>
<td>WGLC’ed - updates expected</td>
<td>draft-ietf-ice-rfc5245bis (I-D exists) draft-ietf-mmusic-ice-sip-sdp</td>
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<tr>
<td>draft-ietf-mmusic-msid</td>
<td>RFC Ed Q</td>
<td>draft-ietf-rtcweb-jsep (I-D exists)</td>
</tr>
<tr>
<td>draft-ietf-mmusic-sdp-simulcast</td>
<td>WGLC</td>
<td>draft-ietf-mmusic-rid</td>
</tr>
<tr>
<td>draft-ietf-mmusic-rid</td>
<td>WGLC</td>
<td>&lt;none&gt;</td>
</tr>
<tr>
<td>draft-ietf-mmusic-sctp-sdp</td>
<td>Update needed</td>
<td>draft-ietf-mmusic-dtls-sdp draft-ietf-mmusic-4572-update</td>
</tr>
<tr>
<td>draft-ietf-mmusic-ice-sip-sdp</td>
<td>I-D exists</td>
<td>draft-ietf-ice-rfc5245bis (I-D exists)</td>
</tr>
<tr>
<td>draft-ietf-mmusic-trickle-ice-sip</td>
<td>I-D exists – update needed</td>
<td>draft-ietf-ice-rfc5245bis (I-D exists) draft-ietf-ice-trickle (I-D exists) draft-ietf-mmusic-ice-sip-sdp draft-ietf-mmusic-sdp-bundle-negotiation</td>
</tr>
</tbody>
</table>

**Indirect dependencies:**

- draft-ietf-mmusic-dtls-sdp
  - WGLC complete – waiting for Write-Up
  - <none>
- draft-ietf-mmusic-4572-update
  - WGLC complete – waiting for Write-Up
  - <none>
Other RTCWeb Related Drafts

• The following RTCWeb related drafts are not immediate dependencies (directly or indirectly)
  – draft-ietf-mmusic-rfc4566bis
  – draft-ietf-mmusic-data-channel-sdpneg

• Drafts making use of RTCWeb mechanisms
  – draft-ietf-mmusic-msrp-usage-data-channel
  – draft-schwarz-mmusic-bfcp-usage-data-channel
  – draft-schwarz-mmusic-t140-usage-data-channel
draft-ietf-mmusic-bundle-negotiation

• Open issues:
  – External dependencies:
    • draft-ietf-ice-rfc5245bis, draft-ietf-mmusic-ice-sip-sdp
    • draft-ietf-mmusic-sdp-mux-attributes, draft-ietf-mmusic-mux-exclusive
  – Issues in the document itself
    • “BUNDLE: a single stream with multiple MIDs” (AVTCORE)
    • Change RTP MID extension to use avtext-sdes-hdr-ext
    • Some minor nits/issues/questions identified by Flemming

• Next Steps (how to make progress)
  • Conclude on the open issues, update accordingly and fix the nits

• Expected completion date
  • WGLC finalized
  • New version of the draft expected before September 2016.

• Volunteers for review (before and during WGLC)
  – Candidates:  ???
draft-ietf-mmusic-sctp-sdp

• Open issues:
  – External dependencies:
    • draft-ietf-mmusic-dtls-sdp (NOTE: not yet referenced in draft)
    • draft-ietf-mmusic-sdp-mux-attributes, draft-ietf-tsvwg-sctp-dtls-encaps
  – Technical issues:
    • TBD; draft-ietf-mmusic-dtls-sdp needed to be stable in order to progress work on the draft (achieved recently)

• Next Steps (how to make progress)
  – Focus on this draft since draft-ietf-mmusic-dtls-sdp is stable

• Expected completion date (ready for WGLC)
  – By end of October 2016 (stretch goal: September 2016)

• Volunteers for review (before and during WGLC)
  – Candidates: ???
Open issues:
- Normative dependency on ICE-BIS (5245bis)
- Version -09 should have addressed all the open items

Next Steps (how to make progress)
- Get -09 reviewed and update as needed
- Converge on ICE-BIS changes expected after Berlin

Expected completion date (ready for WGLC)
- 2 weeks after ICE-BIS is ready for WGLC

Volunteers for review (before and during WGLC)
- Candidates: Roman Sphount, Thomas Stach, Christer Holmberg, Adam Roach
draft-ietf-mmusic-trickle-ice-sip

• Open issues:
  – External dependencies
    • mmusic-trickle-ice, ice-rfc5245bis, mmusic-ice-sip-sdp, mmusic-mux-exclusive, mmusic-sdp-bundle-negotiation, mmusic-sdp-mux-attributes
  – No open issues in the document itself

• Next Steps (how to make progress)
  – Include latest review comments from Christer, post -05

• Expected completion date (ready for WGLC)
  – Draft -05 should be available in July 2016 and ready for WGLC

• Volunteers for review (before and during WGLC)
  – Candidates: Paul Kyzivat, Jonathan Lennox, Simon Perreault, Martin Thomson, Suhas Nandakumar, Adam Roach
Open issues:
  – Both in WGLC currently

Next Steps (how to make progress)
  – Need reviews

Expected completion date (ready for WGLC)
  – In progress

Volunteers for review (before and during WGLC)
  – Candidates: Magnus Westerlund, ????
WGLC comments from Magnus resulted in some changes

New issue raised: Magnus raised several issues around declarative use. We don’t actually have any good motivating use cases for declarative RIDs. **Proposal: state that declarative use of RIDs is not defined in this document, but may be defined by other doc in the future.**

max-bpp precision; added “These values MUST be encoded with at most four digits to the right of the decimal point”

Added (previously missing) definition for “depend” constraint

New issue raised: SDP syntax limits RIDs to alphanumeric. SDES packets can contain any UTF-8. **Proposal: no use case motivating arbitrary characters in IDs, so leave as-is**

…and some fairly minor editorial updates