

# MMUSIC @ IETF 103

Chairs:

Flemming Andreassen

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# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)



**I E T F**

# Administrivia

- Please sign the blue sheets
- Need help:
  - Jabber scribe
  - 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, please put the effort in to review other documents.

# Agenda

- 13:50-14:05** Introduction and Status Update  
(15 mins, Chairs)
- 14:05-14:20** Charter Update to Combine with ICE  
(15 mins, Chairs)
- 14:20-14:50** DCSA Attribute Registration  
(30 mins, Roni Even)  
draft-ietf-mmusic-data-channel-sdpneg

# WG status (1)

- Published RFCs since IETF 102:
  - <none>
- In RFC Editor Queue:
  - draft-ietf-mmusic-msid-16 (849 days)
  - draft-ietf-mmusic-mux-exclusive-12 (821 days)
  - draft-ietf-mmusic-sdp-mux-attributes-17 (687 days)
  - draft-ietf-mmusic-sctp-sdp-26 (598 days)
  - draft-ietf-mmusic-dtls-sdp-32 (370 days)
  - draft-ietf-mmusic-rid-15 (176 days)
  - draft-ietf-mmusic-sdp-bundle-negotiation-53 (143 days) minor update
  - draft-ietf-mmusic-trickle-ice-sip-18 (128 days)
  - draft-ietf-mmusic-sdp-simulcast-13 (120 days)
- In IETF Last Call:
  - <none>

# WG status (2)

- In IESG Review:
  - <none>
- Publication requested:
  - draft-ietf-mmusic-data-channel-sdpneg-21 (AD follow-up; on agenda)
- Waiting for Write-up:
  - draft-ietf-mmusic-rfc4566bis-30
  - draft-ietf-mmusic-ice-sip-sdp-23 (has editorial comments)
- WG Consensus:
  - <none>
- WGLC:
  - <none>
- Getting Ready for WGLC:
  - <none>

# WG status (3)

- New work items:
  - <none>
- Other WG drafts not on the agenda or already covered:
  - draft-ietf-mmusic-sdp-uks-02 (needs rewrite based on review comments)
  - draft-ietf-mmusic-msrp-usage-data-channel-09 (dead; will soon expire)
- SDP Directorate and Designated Expert reviews:
  - <none>

# RTCWeb Dependencies in MMUSIC

Draft	MMUSIC Status	I-D's Currently Holding up this Draft
draft-ietf-mmusic-mux-attributes	RFC Ed Q	<none>
draft-ietf-mmusic-mux-exclusive	RFC Ed Q	<none>
draft-ietf-mmusic-sdp-bundle-negotiation	RFC Ed Q	<none>
draft-ietf-mmusic-msid	RFC Ed Q	<none>
draft-ietf-mmusic-sdp-simulcast	RFC Ed Q	<none>
draft-ietf-mmusic-rid	RFC Ed Q	<none>
draft-ietf-mmusic-sctp-sdp	RFC Ed Q	<none>
draft-ietf-mmusic-ice-sip-sdp	Waiting for editorial update & write-up	<none>
draft-ietf-mmusic-trickle-ice-sip	RFC Ed Q	<none>
<i><u>Indirect dependencies:</u></i>		
draft-ietf-mmusic-dtls-sdp	RFC Ed Q	<none>

# MMUSIC Proposed Charter Update

- ICE WG is done and will conclude
- Proposal: MMUSIC maintains ICE specifications
  - ICE was originally defined in MMUSIC, then further developed in ICE WG
- Proposed addition to MMUSIC charter:
  - “Maintain the specifications of the Interactive Connectivity Establishment (ICE) and extensions to it as needed”

# Proposed Charter

The Multiparty MULTimedia Sesslon Control (MMUSIC) Working Group was originally chartered to develop protocols to support Internet teleconferencing and multimedia communications. These protocols are now reasonably mature, and many have received widespread deployment. Currently, the group is focused on using and negotiating media streams with the Session Description Protocol (SDP), which is used as a common protocol to express media and session descriptions. The group also maintains the Real-time Streaming Protocol (RTSP) [and Interactive Connectivity Establishment \(ICE\) specifications](#).

The protocols have been revised in the light of implementation experience and additional demands that have arisen from other WGs (such as AVTCORE, CLUE, ICE, and RTCWEB). In particular, the many uses of SDP have led to requests for numerous extensions as well as a recognition of several limitations in the original protocol design. Today, the SDP protocol is widely deployed and continues to see extensions being defined.

The current aims of the working group include the following:

- Provide SDP signaling support for the Interactive Connectivity Establishment (ICE) protocol and its extensions.
- To support the establishment of multi-party multimedia sessions for RTCWEB based implementations, MMUSIC provides SDP signaling support for a number of extensions required by RTCWEB. The MMUSIC WG will seek a balanced trade-off between general applicability of such extensions versus RTCWEB specific usage.
- Various other extensions to SDP may be pursued to remedy the most urgent of SDP's shortcomings. These include updates to the SDP specification itself and missing IANA registrations.
- With the exception of the items listed above, only extensions within the existing SDP framework will be done.
- [Maintain the specifications of the Interactive Connectivity Establishment \(ICE\) and extensions to it as needed. These were originally defined in MMUSIC, then moved to the ICE WG, and are now with the MMUSIC WG again.](#)
- Maintain the specification of the (revised) Real Time Streaming Protocol (RTSP) as needed.

The MMUSIC work items will be pursued in close coordination with other IETF WGs including AVTCORE, CLUE, RTCWEB, and SIPCORE, as well as others where appropriate.