

# Miscellaneous Capabilities Negotiation in the Session Description Protocol

draft-mmusic-sdp-misc-cap-00

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# MMUSIC WG Chairs' Note

- This draft was accepted as a WG item by mistake
- Discussion @ IETF 77 about the content of this ID should be considered as discussions on an individual submission by the authors

# Scope

- Extends the SDP Capability Negotiation framework to allow endpoints to negotiate a number of miscellaneous SDP capabilities
- Defines mechanism to negotiate
  - Media titles (“i=” line)
  - Connection data (“c=” line)
  - Media bandwidth (“b=” line)
- Out of scope
  - Capability attribute for encryption keys (“k=”)

# Changes since previous<sup>(\*)</sup> version

- Added “port” parameter to Connection data capability (“ccap”) attribute
  - When transport protocol changes, port may change as well
- Added a reference to draft-boucadair-mmusic-altc as a simple mechanism to offer alternative addresses from the same protocol family (<proto> field is the same)

(\* draft-garcia-mmusic-sdp-misc-cap-01

# Rationale for the “port” parameter

- “ccap” was originally introduced in order to offer alternative PSTN and IP addresses using sdp cap neg
- Port number is needed for that use case as well
- Where could the port go:
  - Part of the “ccap” attribute as it currently is?
  - A new attribute (“port capability”) to media-capabilities or this draft?
  - Somewhere else?

# Next Steps

- Re-issue a new individual submission based on meeting feedback

Thank you