Use of SDP for Circuit-Switched bearer connections
draft-garcia-mmusic-sdp/cs-01

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Scope

• describes use cases, requirements, and protocol conventions for using the Session Description Protocol (SDP) Offer/Answer model for establishing circuit-switched bearer connections in the Public Switched Telephone Network (PSTN)
Changes since -00 version

Codecs

• Earlier version included a possibility of listing codecs as part of CS stream description
• However, codecs are not negotiated in the same way for CS streams as they are for RTP streams
• Conclusion: codecs were removed
Correlation

• The PSTN signaling used for call set-up and SDP negotiation need to be correlated
• Version -01 adds a correlation mechanism using User-User Information element of the PSTN signaling

New option tag

• Media capability negotiation framework defined the use of option tags to allow endpoint to agree which extensions they support
• Added a missing option tag (“pstn-v0”) for indicating support for this mechanism
Issue with intermediaries

- It was commented that change of c-line in the SDP answer may confuse some intermediaries
- Outside the scope of this draft

Next steps

- Agree where to define the capability attributes
- Adopt as WG item?
Thank you