Use of SDP for Circuit-Switched bearer connections

draft-garcia-mmusic-sdp-cs-01

IETF72 Dublin, Ireland
August 1, 2008

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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)

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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

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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

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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

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Next steps

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

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Thank you