

Miscellaneous Capabilities Negotiation in the Session Description Protocol

draft-garcia-mmusic-sdp-misc-cap-00

IETF73 Minneapolis, MN, USA

Nov 17, 2008

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Scope

- extends the SDP capability negotiation framework to allow endpoints to negotiate a number of miscellaneous SDP capabilities
- mechanism are provided to negotiate media titles ("i=" line for each media), connection data ("c=" line), and media bandwidth ("b=" line)
- does NOT define a capability attribute for encryption keys ("k=")

Background

- The capability attributes have been earlier defined in draft-ietf-mmusic-sdp-media-capabilities and draft-garcia-mmusic-sdp-cs
- This new draft collects these miscellaneous capabilities into a single document

Protocol description

- For each capability, we define
 - corresponding capability attribute (“icap”, “ccap” and “bcap”)
 - extensions for referencing the capability attributes in potential configurations
 - an SDP Capability Negotiation option tag for requiring support for the capability attribute

Next steps

- Comments?
- Adopt as WG item?

Thank you