SDP Media Capability Negotiation

Bob Gilman, Flemming Andreasen and Roni Even

draft-ietf-mmusic-sdp-media-capabilities-10.txt
Media Capabilities

• Extends the base capabilities negotiation for RTP based media

• Why do we need it
  – Codec definition can be very complicated
    • Redundancy codecs (like FEC)
    • Composite like layered codecs
    • Support for Alternative offering
    • Semantics of more than one m-line with same media type

• Allows offering capabilities that can be used as configuration later.
Changes from version 09

• Additional corrections to latent media stream example in Section 4.3
• Fixed up attribute formatting examples and corresponding ABNF.
• Removed the preference rule for latent configurations based on configuration number. The preference is specified only when used is potential configurations.
Recap – Specified attributes

• Mcap a session-level and media-level attribute; associate media capability number(s) with media subtype and encoding parameters
• mfcap a session-level and media-level attribute; associate media format attributes and parameters with media format capabilities (fmt line)
• Mscap a session-level and media-level attribute; associate media-specific attributes and parameters with media capabilities (none fmt line example a=rtcp-fb ccm fir)
• Lcfg a session-level attribute; announce supportable media configurations without offering them for immediate use.
• Sescap a session-level attribute; specify and prioritize acceptable combinations of media stream configurations.
Next step

• The draft is stable for some time.
• Need volunteers to review the draft
• What about WGLC