

# SDP Media Capability Negotiation

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`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