

CLUE Signalling

IETF 89

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Signalling -07 revision

- Changes not as substantial as diff to -06 would suggest
- Moved protocols/data channel text to appendix
 - Relevant to *draft-holmberg-clue-datachannel* and *draft-presta-clue-protocol*
- Removed most discussion of pros/cons
- Added normative text for establishing calls with/without CLUE

CLUE-controlled m-lines

- Makes use of the grouping framework, with new “CLUE” semantic
- MIDs of CLUE-controlled m-lines included in the same group as CLUE channel
- CLUE m-lines also include a label attribute, used to reference them in CLUE protocol messages
- Media must not be sent from these m-lines until negotiated via CLUE

Establishing CLUE

- Recommends that initially no CLUE m-lines except data-channel
 - Implementations in CLUE-only environments may choose to disregard this
- Once data channel negotiated can add CLUE-controlled m-lines via new offers
- CLUE protocol used to negotiate what captures to send

Non-CLUE data channels

- Recommend that any non-CLUE m-lines that share a media type with a CLUE-controlled m-line are disabled via SDP O/A once CLUE media starts
- Not mandatory, as there may later be uses for mixed CLUE/non-CLUE media

Changing CLUE status mid-call

- Ongoing call goes from non-CLUE to CLUE if mid-call O/A means both sides negotiate CLUE data channel support
- If in a CLUE call either side removes support for the data channel in their SDP the call is no longer CLUE enabled, media on all CLUE-controlled m-lines must stop
 - This is distinct from signalling failure of the data channel, where the call remains CLUE-enabled