

CLUE framework updates

IETF 85, Atlanta

“Capture encoding”

- “Capture encoding” was term agreed by the list to define a specific instantiation of a media capture to an encoded stream to be sent from provider to consumer.

“Capture encoding” changes

- Framework document 07 adds this to the defined terms section
- New term adopted throughout where appropriate
 - Replaces use in earlier revisions of overloaded terms “stream” and “encoding”
- Wording clarification only; no change in meaning to the concepts or message exchanges that the framework describes

Simulcast concerns

- At San Jose interim meeting, concerns were raised about the implicit support for simulcast
 - The way the framework was defined, only very constrained providers could avoid advertising support for simulcast
 - Any media capture associated with an encoding group of more than one encoding would obligate the provider to support simulcast for that media capture
 - Likely that many providers would end up with all media captures in their own groups, limiting usefulness

Maximum capture encodings

- New media capture attribute “Max capture encodings” introduced to remove implicit support for simulcast
 - Defaults (when absent) to 1
 - More capable providers may use higher numbers for all or some of their declared media captures
 - Higher values of this attribute would still be capped by encoding groups’ limitations
 - Intended to lower the cost of adding support for CLUE to an existing device

“Point on Line of Capture”

- The previous “Axis of Capture Point” attribute has been replaced by “Point on Line of Capture”.
 - This is as agreed on the list
 - Change clarifies that this attribute defines a point between the “point of capture” and the “area of capture”