Session Recording (SIPREC) Protocol

(draft-ietf-siprec-protocol-12)

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IETF 89 SIPREC WG Meeting

Status

- [draft-ietf-siprec-protocol-12](#) posted February 14

  - Major changes = 2

  - Total Reviews = 0

Section 7.1.3. Recording preference in CS

▸ Added normative statement

    ▸ *If the SRC makes a change in recording state, the SRC* **MUST** *report the new recording state in the a=record attribute in the SDP answer or in a subsequent SDP offer.*

Section 9. Metadata

▸ Entire section reorganized

▸ Normative statements changed/add/removed

  ▸ *Section 9.1. Procedures at the SRC*

    ▸ *The SRC **MUST** send metadata to the SRS in an RS. The SRC **SHOULD** send metadata as soon as it becomes available and whenever it changes. Cases in which an SRC may be justified in waiting temporarily before sending metadata include: …*

  ▸ *Section 9.2. Procedures at the SRS*

    ▸ *The SRS **MAY** explicitly request a full metadata snapshot by sending an UPDATE request. This request **MUST** contain a body with content disposition type "recording-session", and **MUST NOT** contain an SDP body. The SRS **MUST NOT** request a full metadata snapshot in an UPDATE response or in any other SIP transaction.*

Open Issue #1– Lossless Recording

▸ **Lossless Recording (from architecture draft)**

  ▸ *Session recording may be a regulatory requirement in certain communication environments. Such environments may impose a requirement generally known as Lossless Recording. An overall lossless recording solution may involve multiple layers of solutions. Individual aspects of the solutions may range from administering networks for appropriate QoS, reliable transmission of recorded media and perhaps certain SIPREC protocol level capabilities in SRC and SRS.*

▸ Options

  ▸ Explicit requirements for buffering in SRC

  ▸ Explicit requirements for SRS to detect and address any loss of packets

  ▸ Quality of implementation decision

Open Issue #2 – FIR vs. SIP INFO

- ▸ **FIR and SIP INFO requirements in SRC and/or SRS**
  - ▸ Section 8.1.7.1.1 SIP INFO for FIR
    - ☐ *"XML Schema for Media Control" [RFC5168] defines an Extensible Markup Language (XML) Schema for video fast update. Implementations are discouraged from using the method described except for backward compatibility purposes. Implementations SHOULD use FIR messages instead.*
  - ▸ NENA ICE-8 event feedback, do we need to say more? Options?
    1. SRC MUST support both and provide interworking to what SRS supports (and an UA that does not support both MUST NOT use SIPREC?)
    2. SRS MUST support both (and allow SRC to support both simultaneously? And how do you negotiation that ?)
    3. Provide recommendations and leave as quality of implementation decision (and live with interoperability issues?)

Next Steps

▸ Call for review comments on draft-ietf-siprec-protocol-12 ?

▸ Address previous issues plus any raised via review comments?

▸ Post version 13, if necessary?

▸ Assign document shepherd?

▸ Proto-writeup?

▸ …

▸ RFC xyzz