

SIPREC
Protocol
(draft-portman-siprec-protocol-04)

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Virtual Interim meeting

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Status

- Currently -04 draft
- Changes since last revision
- Issues

Changes since last revision (1)

- Remove use of INFO
- UPDATE/INVITE is used for transport all metadata and metadata snapshot requests
- Content can be carried in both requests and responses

SRC	SRS
(1) INVITE (metadata snapshot)	
----->	
	(2) 200 OK
<-----	
(3) ACK	
----->	
(4) RTP	
=====>	
(5) UPDATE (metadata update 1)	
----->	
	(6) 200 OK
<-----	
(7) UPDATE (metadata update 2)	
----->	
	(8) 200 OK
<-----	
(9) UPDATE (metadata snapshot request)	
<-----	
	(10) 200 OK (metadata snapshot 2)
----->	
(11) UPDATE (metadata update 1 based on snapshot 2)	
----->	
	(12) 200 OK
<-----	

Changes since last revision (2)

- Recording indication is placed at SDP media level
 - a=record: on / off / paused
- Recording preference is placed at SDP media level
 - a=recordpref: on / off / pause

Changes since last revision (3)

- Recording awareness is indicated at SIP level with option tag
 - Supported: record-aware
 - UAS may provide recording indication through media level SDP and/or inband media
 - Require: record-aware
 - UAS must provide recording indication through media level SDP only

Issues (1)

- Agree on RTP models
- How do timestamps get synchronized with metadata?
 - RTP mixer: SRC to generate timestamps for RTCP and metadata
 - RTP translator: SRC can only generate timestamps in metadata
 - RTP endpoint: SRC rewrites timestamps in RTCP to sync with timestamps in metadata
- Do we need any extensions in the protocol draft?

Issues (2)

- Does the format of snapshot request belong to the protocol draft?
- What kind of feedback (ie. error message) do we need a snapshot request include?