

SIPREC  
Protocol  
(draft-portman-siprec-protocol-02)

Jan 25-26, 2011  
Virtual Interim meeting

Authors: L. Portman, H. Lum, A. Johnston, A. Hutton

# Changes since last revision

- Merged draft-johnston-siprec-cc-rec into this draft
- Created INFO package

# What gets merged

- src feature tag – set by SRC for all recording sessions
- srs feature tag – set by SRS for all recording sessions

# Issue: REQ-05

- What should be the mechanism for supporting persistent recording?
  - SRC establish RS without m-lines, when CS begins, reINVITE RS with O/A
  - SRC establish RS and pre-negotiate m-lines the SRC anticipates for the CS. When CS begins, no O/A required unless codec changes
  - A combination of the above?

# Transporting metadata

- Created an INFO package to transport metadata

```
INFO sip:srs07.example.com SIP/2.0
Via: SIP/2.0/TCP src12.example.com;branch=z9hG4bKdf6b622abcd
From: <sip:src@example.com>;tag=35e195d2
To: <sip:srs@example.com>;tag=12345678
Call-ID: d253c800-b0d1ea39-4a7dd-3f0e20a@10.226.240.3
CSeq: 102 INFO
Contact: <sip:src12.example.com>;src
Info-Package: recording-session
Content-Type: application/rs-metadata
Content-Disposition: Info-Package
Content-Length: [length]
...
```

# Transporting metadata

- Issue: Should INFO be the only mechanism for transporting metadata?
- Currently the draft also allows metadata to be transported over INVITE/UPDATE as new content-disposition type

# Error Handling

- Does SRS need to report any metadata error or acknowledgement to the SRC?
  - Error includes syntax error, semantic error
  - If error happens in INVITE/UPDATE, how to report error?

```
SRC                                     SRS
|--- RS INFO (metadata) -->|
|<----- 200 OK -----|
|<-- RS INFO (response) ---|
|----- 200 OK ----->|
```

# Recording Aware UA

- Requirements are not yet addressed: REQ-015, 016, 017, 018
- All related to UA that is recording aware



# REQ-015, 016

- REQ-015: The mechanism MUST support a means to cancel and discard the recording and associated metadata for a CS.
- REQ-016: The mechanism MUST support a means to cancel and discard the recording but not the associated metadata for a CS.
- Options
  - For RS – add new metadata information to flag the media stream label to be cancelled/discarded
  - For CS – use an INFO package or just BYE with special Reason code?

# REQ-017

- REQ-017 The mechanism MUST support a means for an authorized participant involved in a CS to request, prior to the start of recording, that the CS not be recorded
- Options
  - Add new option tag such as 'no-record' in Supported to indicate the request for no recording.
  - Use a new header to request for no recording

# REQ-018

- REQ-018 The mechanism MUST provide a means of indicating to the participants involved in a CS that their session is being recorded.
- Options
  - Notification through audio path
  - Add recorded feature tag to indicate CS is being recorded

# Next steps

- Request for review of draft-ram-siprec-metadata-03 in the mailer
- Adopt metadata model draft as WG item ?
- Add more Use cases to the Metadata Model draft (object instances)