

An Architecture for Media Recording using the Session Initiation Protocol draft-ietf-siprec-architecture

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Status

- draft-ietf-siprec-architecture-01 is about to expire.
- There has been a long period of silence whilst focus was on requirements and mechanism.
- However now we need to align the architecture draft with updated requirements and protocol drafts
- Comments have started flowing again and an update is coming very soon.
- The following slides describe the main changes that will be in 02 and open issues.

Interaction With MEDIACTRL

- 01 draft (Fig. 3) shows how the SRS could be decomposed in to an Application and Media Server using MEDIACTRL.
- Text states that SRC could be decomposed in this way.
- Open Issue - Do we need another figure to show the SRC case?
- Proposal – I don't think this is necessary it would be very similar to the SRS case.

Interaction with Conference Focus

- Request for a diagram to show how the conference focus can act as an SRC.
- Proposal – Will be included in 02 draft..

Metadata supported indication

- 01 draft indicates that the SRC indicates support for generating metadata in the INVITE sent to SRS.
- Is this useful and what we want ?
- Is this an architecture issue?

- Proposal – Remove this statement as it is not an architecture issue but an issue for consideration in the protocol draft.

Metadata content

- 01 draft states some examples of things the metadata contains.
- This includes “dialog state” which has proved controversial.
- The list was intended to be temporary until metadata model was progressed.
- Proposal – Since the metadata model draft is now adopted remove the list and reference the metadata model.

Metadata Delivery

- 01 draft states some examples of how metadata could be delivered to the SRC
 - SIP Headers.
 - SDP.
 - Event Package.
 - INFO Package.
 - Non SIP Means.
- Proposal – We seem to be converging on using INVITE/UPDATE on the RS Dialog so state this. Keep non SIP means although outside SIPREC scope.

Security Considerations

- Draft 01 states “*Session Recording Client must decrypt any media received on the Communication Session and, if required, re-encrypt the media using a separate SRTP key for the Recording Session before sending the media to the Session Recording Server*”.
- This is incorrect due to updated requirements.
- Proposal – Remove this.

Security Considerations

- Currently states “SRTP is used for securing the Replicated Media”.
- Proposal – Remove this as there are no requirement to support this statement.