

SIPREC

draft-ietf-siprec-architecture-00

An Architecture for Media
Recording using SIP

IETF SIPREC INTERIM – Sept 28th2010

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Agenda

- Progress
- Open Issues
- Building Blocks
- Next Steps

Open Issues – Ticket #17

- Ticket #17. Deliver Metadata in Recording Session dialog possibly using INVITE
 - *“It would be better to consider Recording Session dialog as one of the mechanism to deliver metadata (using INVITE) along with the already listed mechanisms”.*
- Solution.
 - Add the following bullet to section 4.3.2.
 - *“As a body during RS establishment: The recording metadata may be conveyed as a body to the SIP INVITE request used to initiate the RS. In this case the body of the INVITE would be a multipart body containing both SDP and recording metadata”.*

Open Issues – Ticket #38

- Ticket #38. Clarification on interaction with a conference focus needed.
 - Discussion at IETF78 regarding metadata including information received from conference focus.
- Solution.
 - Add the following text to section 4.1.4.
 - “The SRC may be a conference participant and as such may subscribe to the conference event package as described in RFC 4575. Information about the conference received using this mechanism may be conveyed to the SRS in the recording metadata.”.

Open Issues – Ticket #39

- Ticket #39. Use of SIP Proxy as a Session Recording Client.
 - Need to state limitations of using a SIP Proxy as discussed on mailing list and at IETF78.
- Proposed Solution.
 - I propose the following text for this section.
 - "A SIP Proxy is unable to act as an SRC because it does not have access to the media and therefore has no way of enabling the delivery of the replicated media to the SRS. If a SIP Proxy attempted to use SIP 3PCC mechanisms to deliver the media stream to the SRS it would not be able to and maintain compliance with the requirements as specified in [[draft-ietf-siprec-req](#)]. For example it would not be possible to meet REQ-32 which states:
If the Communication Session is encrypted, the Recording Session MUST use different keys“.

Open Issues – Interaction With MediaCtrl

- Discussion at IETF 79 and the Mailing List. (See <http://www.ietf.org/proceedings/78/minutes/siprec.txt>)
- Consensus seems to be that the use MediaCtrl is not relevant to the interface between the SRC and SRS but could be used internally within an SRC or SRS.
 - Is this correct ?
- If the current text in section 4.1.3 does not reflect consensus then some suggestions for new text is needed or a draft as suggested during IETF78.
- The current text :

“The mediactrl architecture [[RFC5567](#)] describes an architecture in which an application server (AS) controls a Media Server (MS) which may be used for purposes such as conferencing and recording media streams. In this architecture the AS typically uses SIP Third Party Call Control (3PCC) to instruct the SIP UA's to direct the media to the Media Server. The Session Recording Client and Session Recording Server described in this document may act as an application server as described in [[RFC5567](#)] and therefore may when further decomposed be made up of an application server which uses a mediactrl interface to control a media server for the purpose of recording the media streams however this interface is considered outside the scope of this document. “

Next Steps

- Update the architecture draft as proposed in this presentation.
- Will do this very soon as target is to have all comments and issues resolved by IETF79.