SDP Format for RTSP Streams.

draft-marjou-mmusic-sdp-rtsp-00.txt

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Overview (1/3)

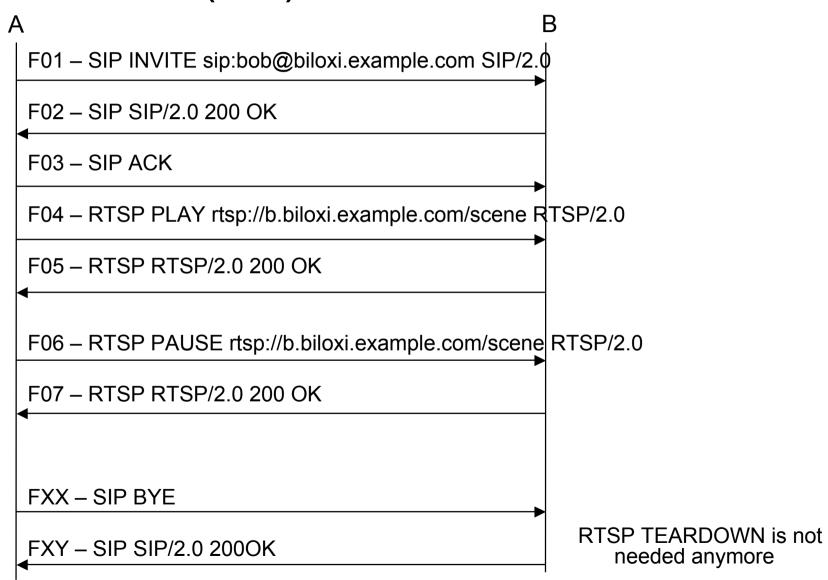
```
F01 – SIP INVITE sip:bob@biloxi.example.com SIP/2.0
c=IN IP4 a.atlanta.example.com
m=application 9 TCP/RTSP rtsp
a=fmtp:rtsp request-uri: rtsp://b.biloxi.example.com/scene
a=fmtp:rtsp version: 2.0
a=fmtp:rtsp h-accept-ranges: NPT
a=connection:new
a=setup:active
m=audio 6666 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=sendrecv
```

RTSP SETUP is not used anymore

Overview (2/3)

```
В
F01 – SIP INVITE sip:bob@biloxi.example.com SIP/2.0
F02 - SIP SIP/2.0 200 OK
c=IN IP4 b.biloxi.example.com
m=application 554 TCP/RTSP rtsp
a=control: rtsp://b.biloxi.example.com/scene
a=fmtp:rtsp version: 2.0
a=fmtp:rtsp h-accept-ranges: NPT
a=fmtp:rtsp h-session: 6238237
a=fmtp:rtsp h-date: Tue, 05 Sep 2006 09:56:44 GMT
a=fmtp:rtsp h-rtp-info: url="rtsp://b.biloxi.example.com/scene"
               ssrc=1631654733:seq=53961;rtptime=0
a=connection:new
a=setup:passive
a=rtspid m-stream:10
m=audio 8888 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=sendonly
a=label:10
```

Overview (3/3)



Issues listed in the draft

ISSUE-1: Should the RTSP SETUP and DESCRIBE methods be used or not?

ISSUE-2: Can't we find a more elegant proposal than the "rtsp" token in the fmt field of the m-line?

ISSUE-3: Do we allow to transport any necessary RTSP header within SDP or do we restrict the list to some really few RTSP headers?

Issues raised from the MMUSIC list

- Too many RTSP headers into the offer answer exchange
 - It may be that keeping SETUP* would help here, as well as for the 3 open-issues of the draft.
- Does the client always need a description of the session it is going to produce an offer for?
 - Existing SDP offer/answer seem to be enough.
- Security issues (not yet studied within the draft)
 - One Issue already raised on Session Id (may be also fixed by keeping SETUP*)
- Remove RTSPv1?
 - If it sounds more reasonable to the IETF community, let's only use RTSPv2
- How to handle different usage scenarios?
 - We need more discussions on this topic

Next Steps

- Is there interest in this work?
- Should the draft become a WG item?