RTSP Substream Control Extension (IETF #83)

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Updates from -00

• Restructure of the document

• Updates on 553 & 554 response

• Updates on Security Considerations

• Example added in section 7

• Various editorial modification
  – Add framework over figure in section 4.1
  – Corrections on example and syntax of SubstreamCtrl header.
  – Others
The intention is to make the document easy reading and easy for future extension.

## Restructure of the document

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draft-yue-mmusic-rtsp-substream-control-extension
Updates on 553 & 554 response

• Issue: Pending discussion on whether return substream annotation in 553 & 554 response?

• Updates: Delete the substream information indication in 553 and 554 response.

• Reason:
  – the substream information is static property of a media source. However, the provider may provide different rights for substream control to users/clients based on operation reason.
  – It is not easy for RTSP server to provide such information as desired.
Updates on Security Considerations

• The new text:

Considerations outlined in RTSP 2.0 [I-D.ietf-rtsp-stream-control-extension-01] apply here as well. It is believed that no special security risk is led by this document.
Example added in section 5

• RTSP message examples added for the following use case.

SDP:

```
m=video 20000 RTP/AVP 97
   a=rtpmap:97 H264-SVC/90000
   a=fmtp:97 profile-level-id=530000c; packetization-mode=1;
      sprop-parameter-sets={sps0},{sps1},{pps0},{pps1};
      sprop-operation-point-info=<1,0,0,4de00a,3200,176,144,128,256>,<2,1,0,53000c,6400,352,288,256,512>;
```

SETUP rtsp://example.com/SVC.mp4/ RTSP/2.0
CSeq: 3
User-Agent: PhonyClient/1.2
Require: play.substream
Transport: ......

PLAY rtsp://example.com/svc.mp4/ RTSP/2.0
CSeq: 6
User-Agent: PhonyClient/1.2
Range: npt=30.87-634.10
Seek-Style: Next
Session: 12345678
Substream: rtsp://example.com/svc.mp4/, SVC, lay-id=1
Next Step

• Adopt the draft as work group draft?

• Waiting for the completement of MVC payload format work.
  – MVC substream annotation
  – MVC substream id

Has been working with the authors of that draft, should be ready in a short time.