RTCP Port for Multicast Sessions

draft-ietf-avt-rtcp-port-for-ssm-00

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Problem Statement

m=video 41000 RTP/AVPF 98
i=Primary Multicast Stream
c=IN IP4 233.252.0.2/255
a=source-filter:incl IN IP4 233.252.0.2 192.0.2.2
a=rtpmap:98 MP2T/90000
a=rtcp:43000 IN IP4 192.0.2.1
a=rtcp-fb:98 nack
a=mid:1

Multicast RTP port
Multicast group address
Source address
Feedback target
RTCP port on feedback target

RTCP port associated with the SSM session cannot be specified by the ‘rtcp’ attribute. RFC 5760 says it must be derived from the “m=” line.
SDP Signaling

- A new attribute is defined:

```
rtcp.attribute = "a=multicast-rtcp:" port CRLF
```

- This MAY be used at media level but MUST NOT be used at session level
Issues and Next Steps

- Should we mandate the use of the new attribute or keep it optional?
  If it does not exist, the +1 rule will apply

- Should we allow optional address in the attribute?
  Any reason why RTCP should be multicast in a different group?
  a=multicast-rtcp:42000 IN IP4 233.252.0.3

- WGLC?