IETF#94
Yokohama, Japan
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ISSUE: RTCP port

• FACTS:

  – A non-RTP m-line has been selected as the offerer BUNDLE address

  – The address, port & ICE candidates associated with the m-line will be used for all other m-lines associated with the BUNDLE group
ISSUE: RTCP port

• QUESTION:
  – For any RTP stream associated with the BUNDLE group, which port will be used for RTCP?
ISSUE: RTCP port

• SOLUTIONS:

1. When BUNDLE has been negotiated, endpoints MUST use RTCP-MUX (MUST include SDP rtcp-mux attribute in offers/answers)
   - Endpoints still need to support non-MUX, in case the other endpoint does not support BUNDLE nor RTCP-MUX.

2. When RTP is offered, the offerer MUST offer at least one RTP m-line that is not bundle-only
   - Answerer MUST select an RTP m-line for the offerer selected BUNDLEe address (or reject all RTP m-lines)

3. The RTCP port associated with the **first** RTP m-line in the BUNDLE group will be used for all RTP m-lines

4. We allow offerer to associate the SDP rtcp attribute and ICE RTCP components with non-RTP m-lines
ISSUE: RTCP port

**SUGGESTION:**

1. When BUNDLE has been negotiated, endpoints MUST use RTCP-MUX (MUST include SDP rtcp-mux attribute in offers/answers)
   - Endpoints still need to support non-MUX, in case the other endpoint does not support BUNDLE nor RTCP-MUX.

2. When RTP is offered, the offerer MUST offer at least one RTP m-line that is not bundle-only
   - Answerer MUST select an RTP m-line for the offerer selected BUNDLEe address (or reject all RTP m-lines)