

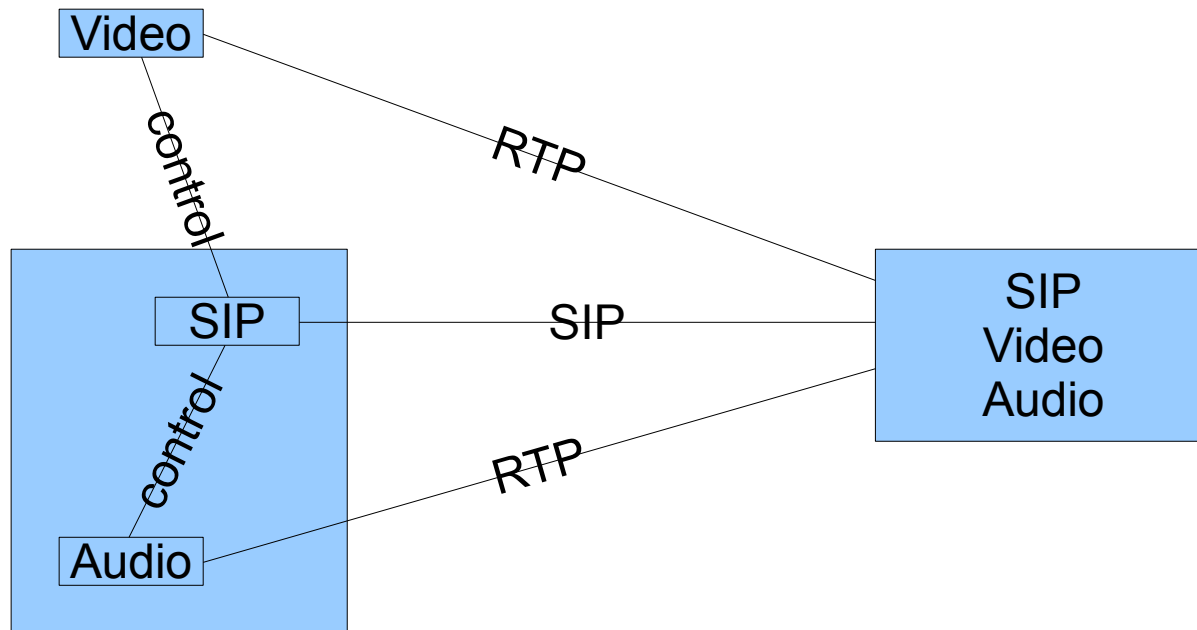
Media level ICE attributes

draft-petithuguenin-mmusic-ice-attributes-level-01

Marc Petit-Huguenin
07/29/2011

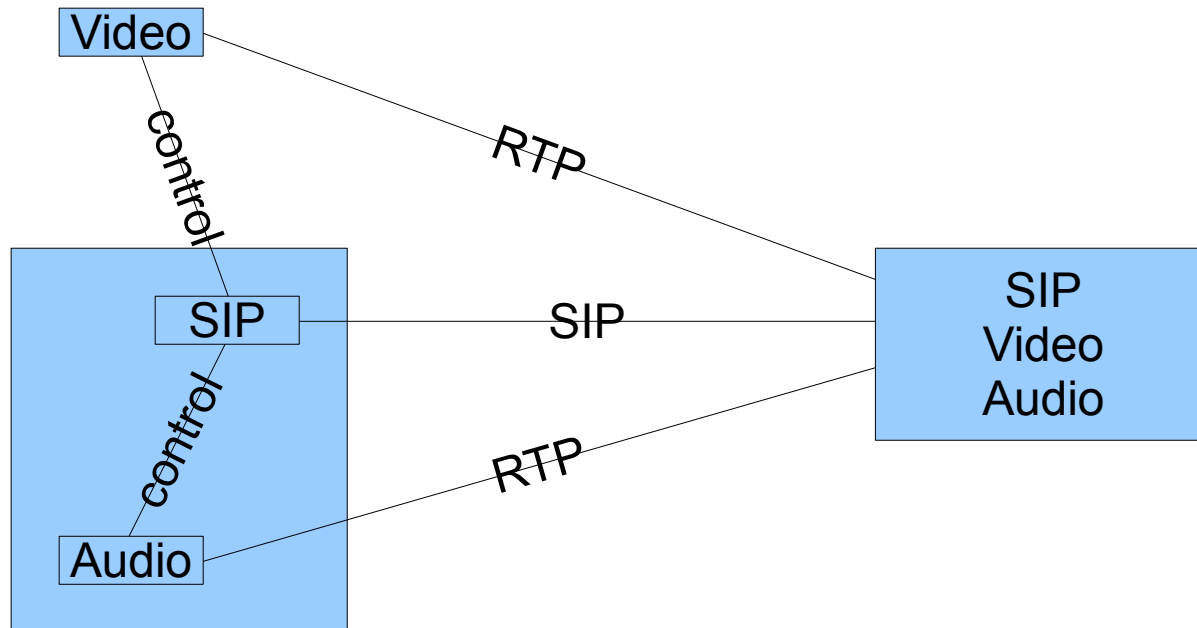
The problem

In this example the SDPs from two devices are aggregated into one so it looks for the remote party as if it is talking to only one device. The SDP received from the remote party also needs to be disaggregated.



The problem

Both of the RTP streams use ICE, but only the audio stream can use ECN. Because the ice-options attribute is session level, there is no way to specify that in the resulting SDP.



Proposed solution

The draft presents one solution:

- Normatively changes ice-options to be also a media-level attribute.
- Defines aggregation rules for rtp+ecn option.
- Mandates that future ice-options specifications define aggregation rules.
- Does nothing for ice-lite.

Larger problem?

This draft only focuses on how aggregating ice-options attributes but there is currently a lack of specifications on how to aggregate and disaggregate attributes from and to multiple SDPs.

A good example would be the bandwidth attribute.

So is there a need for a more generic document that set rules for generic SDP aggregation?

Conclusion

- New draft needed?
- Adoption as WG item?
- Questions?