

RTCP High Resolution Metrics

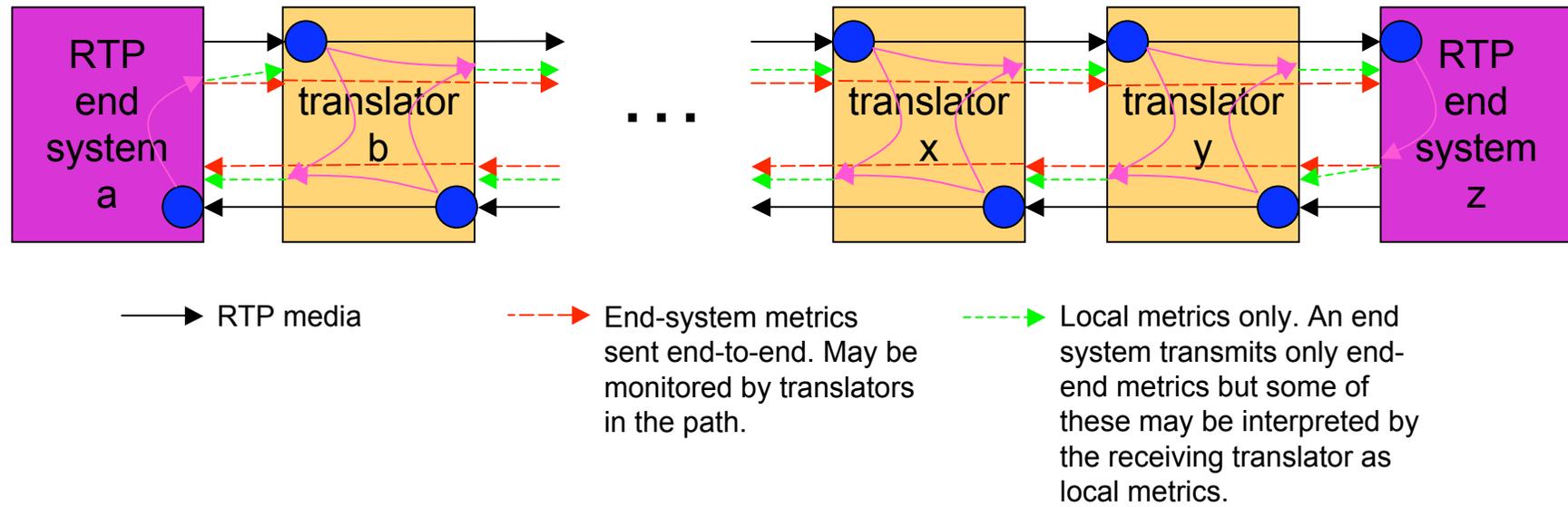
Draft-clark-avt-rtcp-hr-02.txt

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Resolution of comments

- Major changes from -01 to -02
 - Extensive rewrite of model for handling translators - rewrite of Section 2 and new Section 5 (Geoff Hunt)
 - Consistent with RFC3550 in terms of RTCP handling
 - Applicable to various practical network scenarios, e.g. SBC's
 - Added Correlation Tag (Rajesh Kumar)
 - Permits a range of application dependant correlation tags to be used, to facilitate correlation with signaling (e.g. SIP Call-ID)
 - Removed fields related to codec type and other parameters typically negotiated via SDP
 - Per agreement reached at previous IETF

Translators



Resolution of comments

- Comments on -02 draft
 - 16 bit Map field + 8 bit length field inconsistent with RFC3611, hence breaks compatibility
 - Changed back to 8 bit Map + 16 bit length
 - Extensive comments on PDV parameters (e.g. meaning of average for PPDV vs MAPDV vs IPDV)
 - Resolved in editing session
 - Very detailed comments from Keith Lantz!!!!
 - Worked through most of these in editing session

PDV metrics

- PPDV - as per RFC3550
 - Report sampled value of $J(I)$
- MAPDV /IPDV metrics
 - Report as defined however may reset at start of interval
- Jitter range metrics
 - Made Percentile = percentage within threshold
 - Allow 100% to mean that positive/negative threshold values are peak values

Resolution of comments

- Editing session on -02 draft
 - Changed Map field length back to 8 bit to avoid breaking XR frame structure
 - Reviewed and incorporated Keith Lantz' comments
 - Updated definitions of average PDV to be consistent with the base definitions of these (e.g. PPDV -> RFC3550 J(I))
 - Added the PDV type field to the Delay and PDV metrics block (was mislabelled)
 - Put placeholder for high/low water mark (metrics need to be defined)
- -03 draft roughed out - should finish incorporating comments in 2-3 weeks
- Consider making this a WG draft?