

RTCP XR Block for Post-repair Loss Count Metrics

draft-ietf-xrblock-rtcp-xr-post-repair-
loss-count-02

Rachel Huang (rachel.huang@huawei.com)

Varun Singh (varun@comnet.tkk.fi)

Document Status

- Adopted as a new WG draft recently.
- Changes from previous version 00.
 - Explained sequence number inconsistency problem.
 - Defined “primary source RTP packet”.
 - Clarified the measurement timing and measurement point.
 - Reduced the length of metrics to 16 bits.
 - Fixed the definitions of “begin_seq” and “end_seq”.
 - Fixed the metric definitions in Appendix A.
 - Some editorial changes.

Change: Explained sequence number inconsistency problem

- Problem description

“The sequence number range reported by RTCP SR/RR may contain some sequence numbers of packets for which repair might still be possible”

- Similar problem will happen when using with Measurement Information Block [RFC6776].
- So, in this document, `begin_seq` and `end_seq` are used to explicitly indicate the actual sequence number range.

Change: “primary source RTP packet”

Definition

- Primary source RTP packet
 - “The original RTP packet sent from the RTP sender for the first time. A lost primary source RTP packet may be repaired by some other RTP packets used in repair mechanisms like FEC or retransmission.”

Change: measurement timing and measurement point

- Measurement timing
 - “These metrics defined in this report block are all interval metrics with an explicit sequence number range to indicate the measurement timing”
- Measurement point
 - “and the measurement of them is made at the RTP receiver.”

Next Step

- Any other unsolved comments?
- Ready for WGLC?