Reporting IP Performance Metrics to Users
draft-ietf-ippm-reporting-05.txt

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IETF78, IPPM WG, Maastricht, 26-Jul-2010

Context

- Reporting small set of metrics to users on demand ("short term" versus "long-term", or long-running)
- The set: median delay, loss ratio, delay spread, duplication, reordering

What's changed in -05?

- Update of reordering definition
- Fix of newline issue in non-normative example code

Reordering

- Old: Reordering is the fraction of packets sent but not lost for which the sequence number of the packet received immediately before the first copy of the given packet is not the decrement of the sequence number of the given packet.

- New: Reordering is the fraction of unique packets received for which the sequence number of any given packet is less than the ~~highest sequence number~~ largest sequence number of any packet previously received.

Reordering

- Added ref sentence (italicized below):
  For more information, refer to section 4.1.3 (Type-P-Reordered-Ratio-Stream) of RFC 4737 (Packet Reordering Metrics), and supporting text. *The precise definition of a reordered packet is in section 3.3.*

Reordering

- Alternate fix suggested by Al Morton: no prose, just reference RFC 4737.

- Why not done that way:
  - no longer parallel to rest of document sections
  - prose intended to make the document understandable in one pass, with references to precise definitions

- Comments?

Next steps

- Address any other comments received
- Short WGLC because although the intent didn't change, the definition did for reordering