

Round-trip Loss Metrics

Al Morton March 2011

draft-ietf-ippm-rt-loss-00

Motivation

- Completes the fundamental metric taxonomy, virtually everyone does it
- Virtually everything requires two-way connectivity (no listing the exceptions)
 - Exactly the required metric, reduce work
- Measurement simplicity – TWAMP
 - RT-methods raise some issues, identify
- Many report on conditional RT-delay
 - Need separate metrics on the loss performance

Metrics

- Common parameters section (3)
- Obvious Metrics: Singleton, Sample, and Statistic
- Improved generalization of Stream:
 - Type-P-Round-trip-Loss-<Sample>-Ratio
 - Where <Sample> = Poisson, Periodic, etc
 - This worked to resolve a DISCUSS on the Spatial Composition Draft

Comments

- Barry C.: what about reordering? Now added in 00, Discussion section 7.
- Steve B.: Path names Forward/Reverse
- Steve B.: Move 2-way meas issues to TWAMP
 - Metric is applicable to more than TWAMP...
- Tiziano I.: Identify the processing stages,
 - they are also the error sources for loss and delay
 - Add to section 4