

Reporting IP Performance Metrics to Users

IETF 70, IPPM WG

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Recall the Motivation

- To define a small set of metrics for presentation to end users
- Easy to compute
- Easy to understand
- Computed from short-term measurements
 - Possibly on demand

The Initial Set

- Delay
- Loss
- Jitter
- Duplication
- Reordering

Current State

- Median Delay
- Loss Ratio
- Delay Spread
- Duplication
- Reordering

Other Changes

- Report the end of the time interval rather than the middle

Open Issues

- For the most part, names seem to be the biggest concern
- Sliding window vs fixed interval
- Not allowing “network down” periods to contribute to misleading statistics