



One Way Metric Applicability Statement

draft-ietf-ippm-owmetric-as-02.txt

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Motivation

- There are metrics for one way delay and loss
- Lots of parameters can be set by the user
 - Rate, packet size, distribution, test-duration, ...
- What do you want to see?
- What is and what is not sensible?
- What to do when?



History of this draft

- IPPM WG thought that this was a good idea
 - Draft 00 submitted before Yokohama
 - Draft 01 submitted before Atlanta
- Mainly placeholder text to list the issues
- Comments and text from operators and other experiments requested
 - IETF
 - NANOG
 - RIPE



History (2)

(Silence)

History (3)

- No feedback from IPPM group
- Expired, but still on the net at:
<http://www.ripe.net/home/henk/draft>
- Kill it?
- Move to this group?



Issues discussed

- Measurements
 - Frequency
 - Packet sizes
 - Timing Issues
 - Test Duration
 - Data volume



Reporting results

- When is a result different
 - 2 distributions, when is set 1 different from set 2?
 - When is there a reasonable probability that things have not changed and your network is OK
- Average/Percentiles
- Reporting the IPDV metric
 - Non Gaussian distributions

Various

- Access to the data
 - Minimum list of parameters to be recorded
 - Mark Allman's effort
- Control/configuration
 - Define maximal acceptable time between set-up of measurement and start of measurement?
- Security
 - DDoS if many sources start to send to a single receiver

Next

- Does this draft belong here?