

59th IETF Meeting - March 2004

IPPM Working Group

Needs of IPPM metrics for non e2e measures

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Measurements techniques

- Passive measurement
- Active measurement

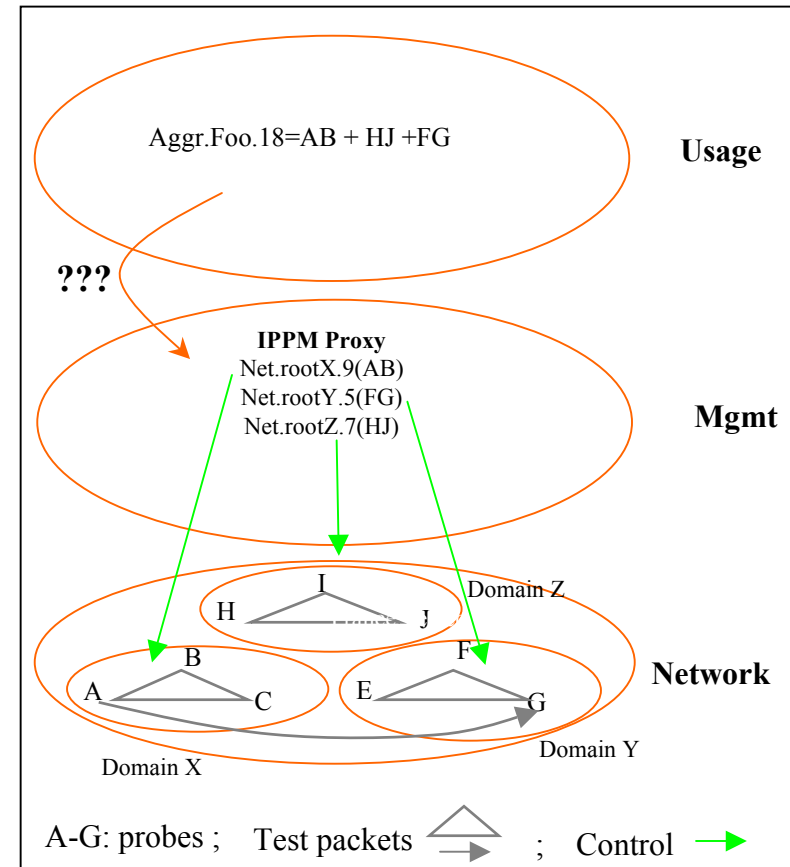
Passive measurement: Decomposition of end to end delay

PSAMP is standardizing hashing function that permit one-way delay measurement between 2 intermediary devices.

- Need:
 - Common definition of this metric;
 - Concatenation of passive measurement.
- Proposal:
 - Define an IPPM spatial one-way delay.

Active measurement: Concatenation of end to end delay

- Need:
 - Concatenate e2e measure results;
 - Standard Reporting;
- Proposal:
 - Standardize an IPPM Aggregated one-way delay



Conclusion

- These techniques provide precise one-way delays and use the same methodology
- Aggregated one-way delay will be used both by passive measurement and active measurement
- Discussion