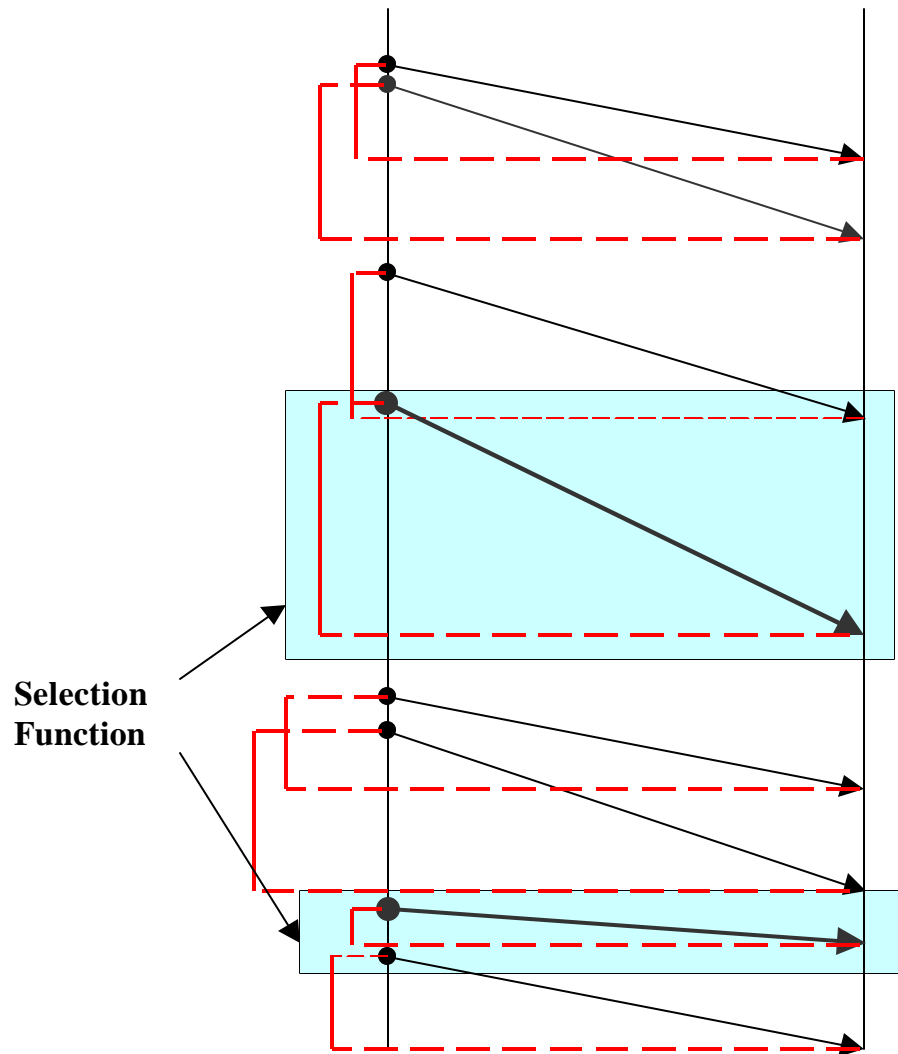# Status of the IPDV draft

## 03-18-01

Phil Chimento

Status

- New draft was distributed 1 February 2001
  - —Editorial comments received
  - —No further substantive comments received
- Draft updated in accordance with proposal given at IETF-49

Basic Idea behind new definition

Selection Function

- All measurements assume a sequence of Type P packets
  — Sequence is arbitrarily defined time period during which type P packets are sent
- Introduction of selection function
  — Can be viewed either as real time or a posteriori
 — Selects particular packets from the sequence for singleton metric

Singleton
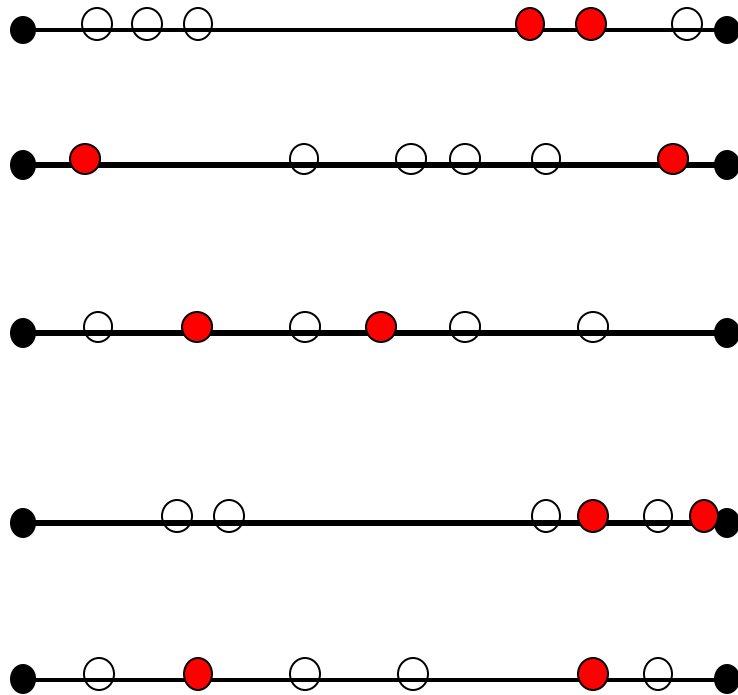
Singleton Definitions

- Each singleton is defined (time interval, selection function)

- Selection function picks out pairs of packets unambiguously

- IPDV is computed from the one-way-delay of the selected packet pairs

Sample

Sample Definition

- Poisson stream defined as usual

- Selection function has to select pairs of packets from the Poisson stream

- Interval endpoints defined for the measurements interval
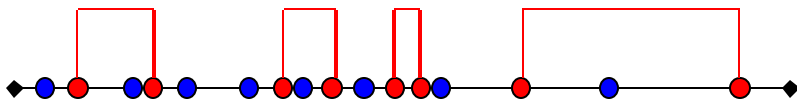
Statistics

- IPDV Percentile

- IPDV inverse Percentile

- IPDV jitter

- Peak-to-peak IPDV

Conclusion

Propose that the draft either be adopted or discontinued.