



Group Future





Future Directions: the Past

- IPPM exists to define unambiguous useful metrics
 - Key uses are
 - “service level agreements”
 - Network operations
 - Network and traffic engineering
 - Focus on transport-level, not on specific applications; a “basis set”
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Work to date

- Framework RFC 2330
 - Connectivity RFC 2678
 - One-way delay RFC 2679
 - One-way loss RFC 2680
 - Round-trip delay RFC 2681
 - IP delay variation - draft, ready to last call?
 - Loss patterns - draft, LC for experimental
 - Periodic samples - draft
 - Bulk transport capacity - draft framework, ready?
 - ...Treno (2 different draft formats, both now expired)
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Decision Criteria

- Is this set complete, or missing fundamental areas?
 - For the areas, are these the right metrics? (Evaluate over time before advancing.)
 - Do we keep waiting for Bulk Transport? (Good chance, but not certainty, something this year.)
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Next steps

- Produce a gazillion small specific metrics (NO!)
 - Complete, and go to sleep awaiting metric standards advancement
 - Goal: everything finished by next IETF
 - Wake for new metric proposals? (non-std)
 - Wait for BTC?
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