

# Hybrid Measurement using IPPM Metrics

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# Motivation

- Initial discussion on selected passive metrics
- Initial discussion on passive measurement methodology

# Passive Metrics

- Packet Loss
  - ✓ difference between the number of packets transmitted at the starting end and received at the other end
  - ✓ Passive Measurement Method
- One-way Delay
- Round-trip Delay

# Passive Measurement Methodology

- Functional requirements and design considerations
  - ✓ Measurement Session Management
  - ✓ Measurement Configuration
  - ✓ Measurement Result Report
  - ✓ Synchronization
    - ✓ Certain synchronization mechanism is required to ensure the data collected from upstream/downstream are correlated
  - ✓ Scalability
  - ✓ Robustness
  - ✓ Security

# Next Steps

- A Framework document for passive measurement
  - ✓ Measurement system functional components
  - ✓ Metrics
  - ✓ Methodology
  - ✓ ...
- Metrics
  - ✓ One document for each selected passive metrics

# Request For Comments

- Your involvement and feedback are very important