

IP Flow Information Accounting and Export Benchmarking Methodology

<http://www.ietf.org/id/draft-ietf-bmwg-ipflow-meth-00.txt>

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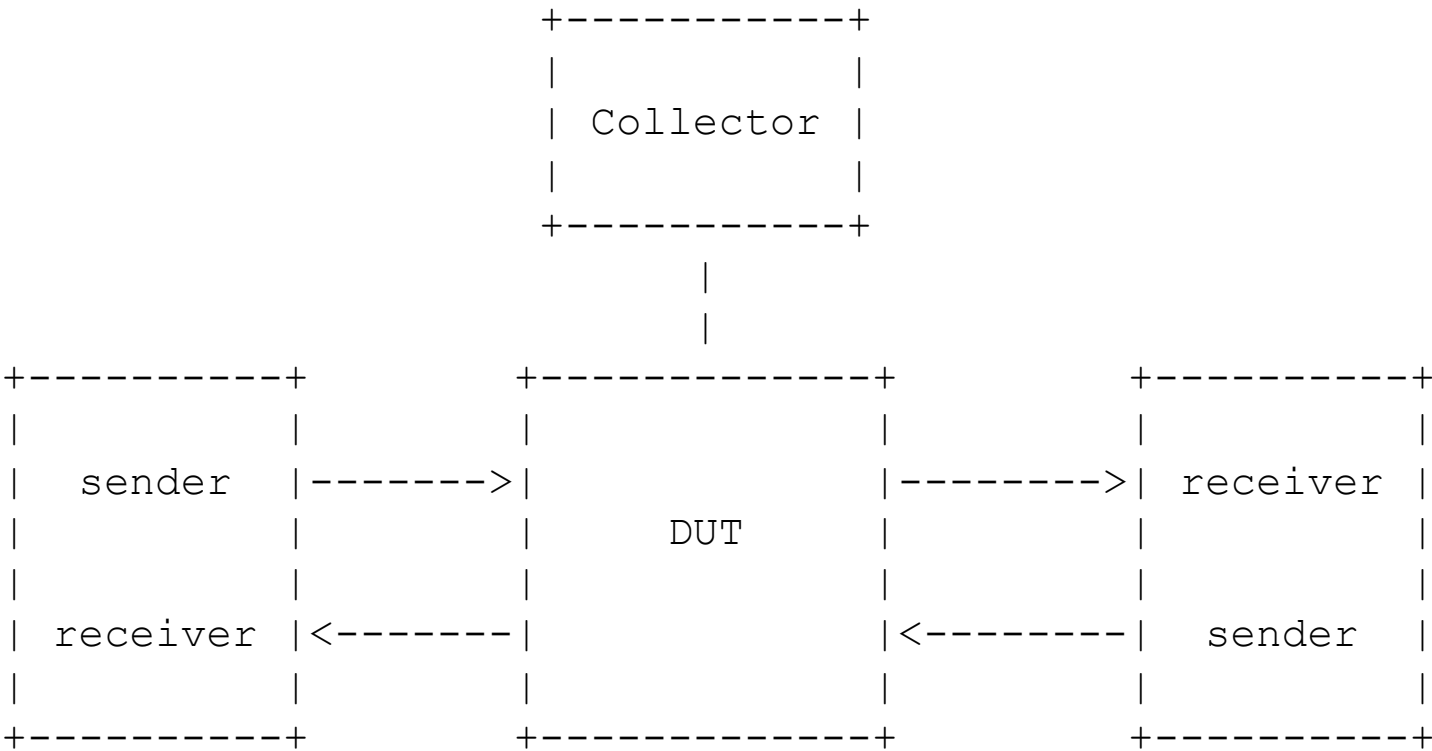
Cisco Systems

Presenting to BMWG @ IETF80

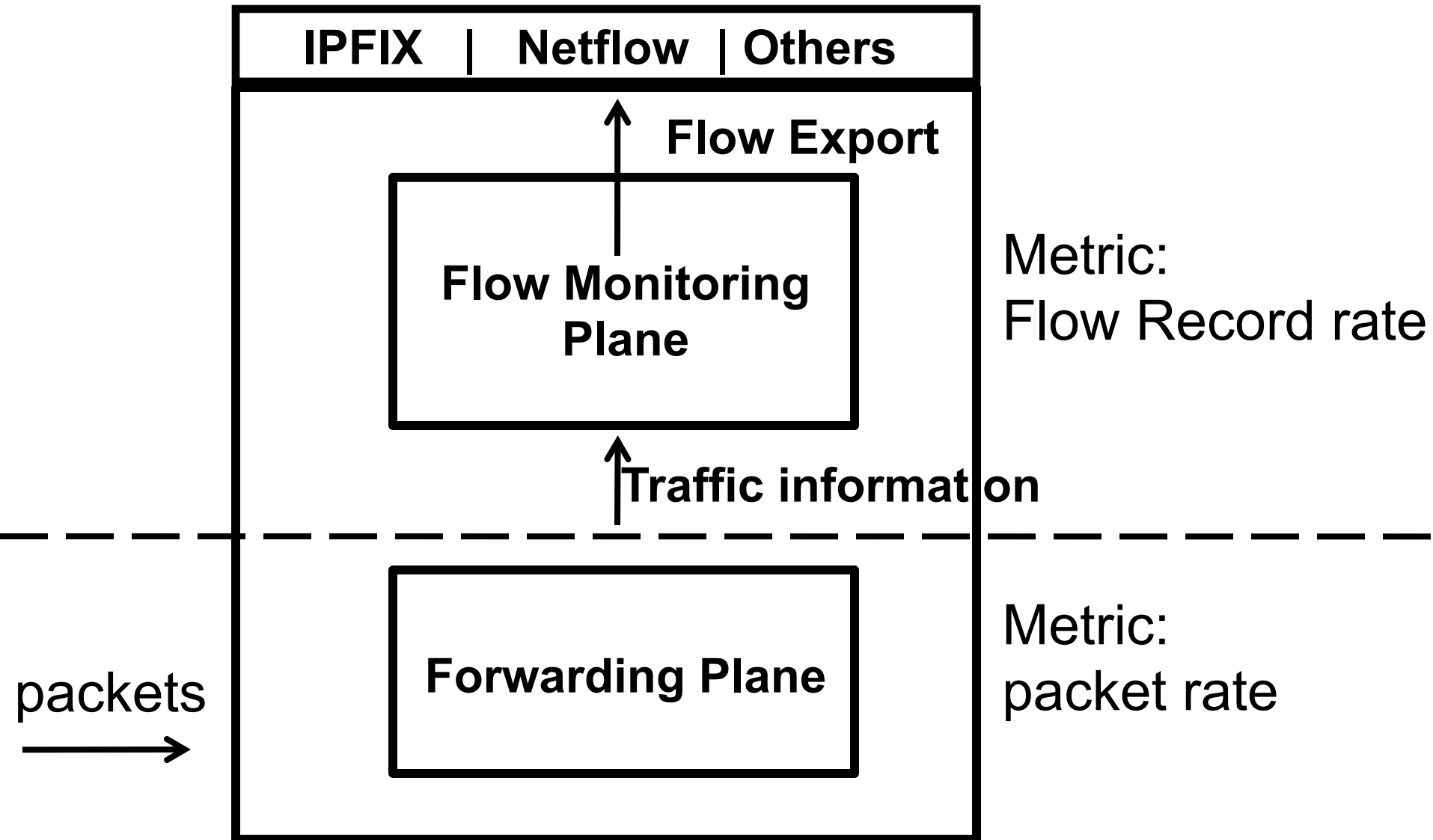
Document Goal

- Defines metrics to characterise Flow Monitoring performance based on:
 - Architecture Model for IP Flow Information Export: RFC5740
- Defines conditions to perform Network Devices benchmarking in the presence of Flow Monitoring
 - IPv4 Benchmarking Methodology: RFC2544
 - IPv6 Benchmarking Methodology: RFC5180

Test Topology



The Concept – DUT



What are the Benchmarks

Flow Monitoring Plane:

How many Flow Records the DUT can handle per second without dropping any Flow information and packets – Flow Monitoring Throughput

Data Forwarding Plane:

RFC2544 Throughput measured in the presence of Flow Monitoring

Pending Changes

Remove references to Sflow

Remove section 3.5 – 3.6 (SW and HW platforms discussion)

Do we need a separate
terminology document ???