

IPFIX Mediation: Problem Statement

draft-ietf-ipfix-mediators-problem-statement-06

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What is this draft?

- ❖ Describes the need of the mediation functions for record streams in IPFIX measurement system.
- ❖ Draft outline is as follows.
 - Lists up some problems network operators encounter
 - Sustained growth of IP traffic
 - Multipurpose Traffic Measurement
 - Heterogeneous Environments
 - Lists up mediation applicability examples to cope with above problems
 - Aggregation, anonymization , correlation, retention, and etc.
 - Lists up IPFIX Mediators implementation specific problems

History

- ❖ 1st WG Last Call ended in June.
 - We have long discussion about IPFIX Mediation terminologies.
- ❖ Posted version -04 before IETF75
 - All of issues of IPFIX Mediation terminologies were discussed during IETF75 week at Stockholm
- ❖ Posted version -05 in July
- ❖ Posted version -06 in October
 - Includes some feedback from framework draft
- ❖ 2nd WG Last Call ended on October 30.

2nd Last Call Comments

❖ Thank you to last call reviewers:

- Brian Trammell
- Keisuke Ishibashi
- Gerhard Muenz
- Sujay Gupta

❑ All reviewers said the draft goes on except for some editorial issues.

❖ Difficult to distinguish among specific mediator devices (Brian, Gerhard)

❑ Removed specific Mediator devices from terminologies

❖ Security Considerations section is a little weak. (Brian)

❑ Framework or latter document should be resolved.

Next Step

- ❖ After final reviewing with co-authors, I will post next version at the end of November.
- ❖ Submit it to IESG?