IPFIX Mediation: Problem Statement

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

Editor: Atsushi Kobayashi (NTT)
    Benoit Claise (Cisco Systems)
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
1\textsuperscript{st} 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

2\textsuperscript{nd} 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?