An IPFIX-Based File Format
draft-trammell-ipfix-file-05

http://www.ietf.org/internet-drafts/draft-trammell-ipfix-file-05.txt

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Tuesday, December 4, 2007

IETF 70 - Vancouver, British Columbia, Canada

IPFIX Files in Review

- ## Standard flow storage format useful for interoperability and implementation reuse.

- ## Flat binary files ideal for flow storage

  - Wide variety of operations available on files.
  - Flow data not semantically complex.
    - Limits applicability of RDBMS.
  - Low variety in record structure relative to data volume.
    - Limits applicability of XML.

- ## IPFIX message format ideal for flow records

  - templates provide extensibility and self-description.

Changes since -04

- Completed Examples
- Removed existing file format survey
  - Comment: is this really appropriate for a standards document?

- Applicability to NetFlow V9 collection infrastructures
  - Includes lightweight V9-to-IPFIX translation algorithm for writing IPFIX Files directly from V9 collectors…
  - …in a non-normative appendix

- Minor editorial changes

The Future

- Continue to gain implementation experience with IPFIX files.

- Submission of ietf-00 revision
  - After Vancouver meeting, in December

- Submission to IESG
  - After Philadelphia meeting, by June 2008

Questions and Discussion