IPFIX Implementation Guidelines

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Motivation

- Many ongoing IPFIX implementations
- Several recommendations have been identified
  - E.g. at the IPFIX interoperability events
- This document will help improving ongoing implementations…
- …and discusses open issues and unclear definitions

Document outline

Changes from version -01

- New Introduction
  - History of IPFIX
  - Overview of the protocol
- Transport protocol section
  - Generally Improved
  - Added TCP section
- New section on padding
- New section 6: Extending the Information Model
  - Adding new IETF specified Information Elements
  - Adding enterprise-specific Information Elements

Open Issues and Action Items

- Describe the process for requesting new IEs
- Enterprise specific Information Elements
  - how to obtain the type of the given IE
- Information exchange between metering and exporting process
  - Clarifications on who initiates the export, how the exporting process notifies congestion…
- Clarifications as requested during the current IPFIX documents review that are not directly written in the documents

Conclusions

- Submit as IPFIX WG Item in August 2006