Operation of the IPFIX Protocol on IPFIX Mediators
draft-ietf-ipfix-mediation-protocol-03

Benoit Claise <bclaise@cisco.com>
Atsushi Kobayashi <akoba@nttv6.net>
and Brian Trammell <trammell@tik.ee.ethz.ch>

IETF 86 Orlando - Thursday 14 March 2013
Status

• No update in Atlanta
• New -03, -04 revisions since
• All open issues now have a proposed solution.
Contents

• §2 Terminology *in line with other docs*
• §3 Handling IPFIX Message Headers
• §4 Template Management
  • §4.1 Passing Unmodified Templates *update*
  • §4.2 Creating New Templates
  • §4.3 Handling Unknown IEs *new*
Contents

• §5 Preserving Original OP Information
• §6 Managing Observation Domain IDs
• §7 Timing Considerations
• §8 Transport Considerations
• §9 Collecting Process Considerations
• §10 Specific Reporting Requirements
• §11 Configuration Management
§4.1 Unmodified Templates

- §4.1 now explicitly addresses handling of “template-scoped metadata”
- Any metadata that can be linked to the template (i.e., changing its semantics) SHOULD appear in the template mapping.

- New §4.1.1 on IE ordering within template mappings:
  - Templates compared as sets, not sequences
  - Options Templates compared as sequences
§4.3 Unknown IEs

- Mediators using Template Mappings SHOULD re-export values for unknown IEs.
- Mediators MUST NOT omit fields from such re-exported Records, or re-order any fields within the Records.
- and MUST NOT pass values of unknown Information Elements unless all such values are passed on in the original order in which they were received.
Next Steps

• Proposed solutions for all open issues
• Discussion, last call, publication request