Errata + Editorial

• Technical Errata 1307, 1492, 1736, 2879, 2944, 1737, 2945, 1738, 2946, 1739

• New “IPFIX Document Overview”
Technical Issue: Clarified the time-related IEs

• OLD: 3.1.15. dateTimeSeconds

The type "dateTimeSeconds" represents a time value in units of seconds based on coordinated universal time (UTC). The choice of an epoch, for example, 00:00 UTC, January 1, 1970, is left to corresponding encoding specifications for this type, for example, the IPFIX protocol specification. Leap seconds are excluded. Note that transformation of values might be required between different encodings if different epoch values are used.

• NEW: 3.1.15. dateTimeSeconds

The type "dateTimeSeconds" represents a time value in units of seconds since the UNIX epoch, 1 January 1970 at 00:00 coordinated universal time (UTC), excluding leap seconds.

• Note: we fixed them all
Conclusion so Far

• Please review all the changes
• To be done: IPFIX Documents Overview
• Five open issues left
Open Issue 1: IANA

• Should we repeat the IEs in this RFC or should we point to IANA?

• Proposal:
  simply refer to the IPFIX IANA registry
Open Issue 2: XML?

- IPFIX XML in RFC5102 is different in the XML in the IPFIX IANA registry?
  Solved if we refer to IANA
Open Issue 3: IE-Doctor


  RFC5102 bis informative reference to IE-doctors
  IE-doctors normative reference to RFC5102bis
Open Issue 4: IE reference to RFC5101

5.2.7. exportProtocolVersion

Description:
The protocol version used by the Exporting Process for sending Flow information. The protocol version is given by the value of the Version Number field in the Message Header. The protocol version is 10 for IPFIX and 9 for NetFlow version 9. A value of 0 indicates that no export protocol is in use.

Abstract Data Type: unsigned8
Data Type Semantics: identifier
ElementId: 214
Status: current
Reference:
See the IPFIX protocol specification [RFC5101] for the definition of the IPFIX Message Header.
See RFC 3954 for the definition of the NetFlow version 9 message header.
Open Issue 4: IE reference to RFC5101

• Some IE definitions have a reference to RFC5101. Should they refer to RFC5101bis?
• No because RFC5101bis will obsolete RFC5101
• So no changes.
Open Issue 5: to be done

- Found "to be done" in the appendix A in "<attribute name="group" type="string" use="require"

- And also in http://www.iana.org/assignments/xml-registry/schema/ipfix.xsd

- To be checked!