Exporting Type Information for IPFIX Information Elements

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Exporting Type

- Represents every dimension of an IE in the IPFIX information model inline within an IPFIX Message Stream.
  - Allows for self-description (required by file)

- Provides a generalized mechanism for inline representation of Information Element type information using Options.
  - Backward-compatible
  - No changes to the IPFIX message format.

Changes made in ietf-ipfix-00

- new language clarifying the intended application for this mechanism is NOT to replace IANA registration of public IEs

- Selection of RFC2434 Standards Action registration policy for data type and semantics registries

Changes from -00

- new IPFIX documents overview
- reference changes for new RFCs 5101-5103
- clarification on behavior when conflicting semantic information is received at a CP (MUST ignore)
- new guidelines on which data types are compatible with which semantics.

Status and next steps

- Reasonably complete

- Ready for WG Last Call