Extended Length Message Support for IPFIX
draft-li-opsawg-ipfix-extended-message-00.txt

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Main content

• Updates the IPFIX specification by extending the IPFIX Message length from 16 bits to 32 bits to accommodate longer information.
  • many small IEs where each IE is 8-bits or 16-bits long.
  • at least one IE which is longer than 65535 octets.
How?

• The Length fields in the IPFIX Message Header, Set Header and variable-length IE are extended from 16 bits to 32 bits.
IANA Considerations

• For backwards compatibility, we need a new version of IPFIX to support the 32-bit Message length.

• IANA is solicited to assign the new version number, 11 is suggested.
Next steps

• Read and comment

• Adopted by the WG?
Thanks