

IPFIX: Architecture

`draft-ietf-ipfix-architecture-06.txt`
and `-07.txt`

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Overview

- Changes since Architecture-04
 - -05
 - -06
- Changes this week
 - -07

Changes from -04 (from IETF 61)

- Added definition for *Information Element*
- Flow Expiration
 - Dropped comment about long-running flows; an IPFIX meter will simply create new flows for them
- Data Loss on Collector Failure
 - Dropped comment about the amount of data that could be lost during failover to a secondary collector
- Added new issues, ARCH-13 to ARCH-18

Changes from -05 (from editor)

● Flow Keys

- Agreed that each field used in defining a flow is a Flow Key. A *flow* is therefore defined by a *set of Flow Keys*. Text changed to say *set of Flow Keys* where necessary

● Special Traffic and Devices

- These sections pointed out that IPFIX can be implemented in devices other than switches and routers, and that in such cases one needs a clear description of the information elements used in such devices. The two sections have been combined to produce a shorter description of 'IPFIX in Special Situations'

Changes from -05 (2)

- Editorial Changes
 - A few errors (from early sections of text) have been corrected so that they match the Protocol and Info Model drafts
- ARCH- issues – were all closed

Changes to -07 (this week)

- Terminology section
 - *Control Information* explained better
- Metering Process
 - *Flow Expiration* now matches protocol draft
 - *Flow Export* subsection added, moved here from protocol draft
- Miscellaneous typos fixed