

# Export of Segment Routing IPv6 Information in IPFIX

draft-ietf-opsawg-ipfix-srv6-srh-14

Enabling insights in SRv6 forwarding plane  
by adding Segment Routing dimensions

# Export of On-Path Delay in IPFIX

draft-opsawg-ipfix-on-path-telemetry-04

Enabling a statistical network delay view, giving insights  
where delay is being accumulated in the forwarding path

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# SRv6 @ IPFIX

## Draft Status and Next Steps

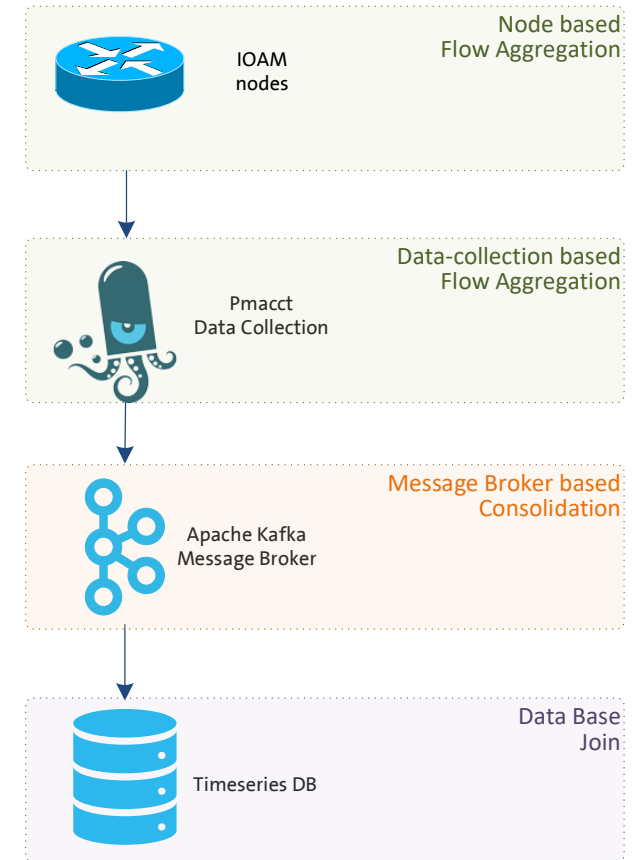
### Draft Status

- -14 revision in **RFC editor queue**  
([https://www.rfc-editor.org/current\\_queue.php#draft-ietf-opsawg-ipfix-srv6-srh](https://www.rfc-editor.org/current_queue.php#draft-ietf-opsawg-ipfix-srv6-srh))

- Next step: RFC

### Implementation Status

- IANA code points assigned  
(<https://www.iana.org/assignments/ipfix/ipfix.xhtml>)
- Wireshark dissector updated at IETF 117 hackathon  
([https://gitlab.com/wireshark/wireshark/-/merge\\_requests/11138](https://gitlab.com/wireshark/wireshark/-/merge_requests/11138))
- Pmacct IPFIX data-collection srhSegmentIPv6ListSection decoding updated  
(<https://github.com/pmacct/pmacct/pull/689>)
- Two major vendors implemented and validated successfully. Public release end of July 2023 and March 2024 expected.



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# On-Path Delay @ IPFIX

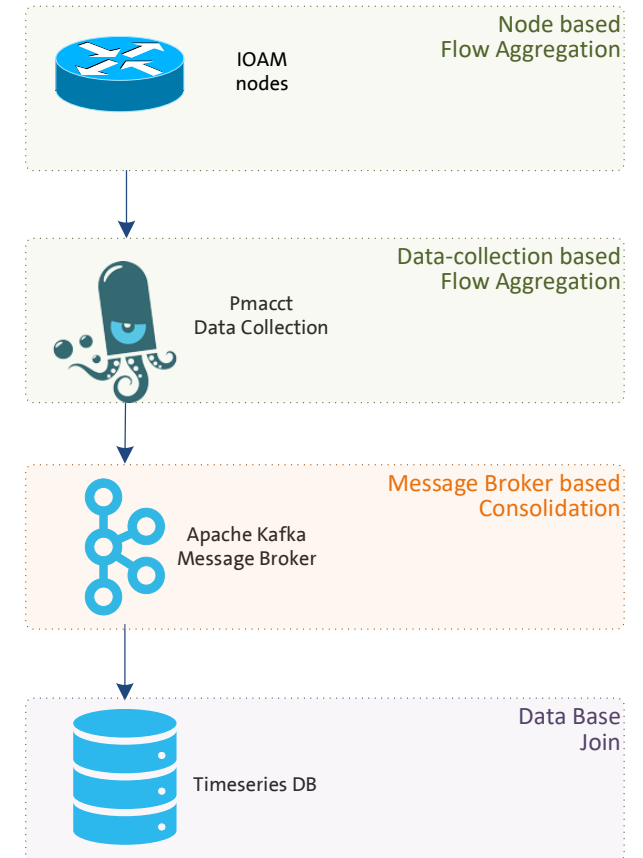
## Draft Status and Next Steps

### Draft Status

- Added appendix A with IPFIX encoding examples in -04 revision

### Next Steps

- Align the IPFIX Registry and the Performance Metrics IANA registries  
Note: this is the first time that we define an IPFIX Information Element that is also specified as IPPM Performance Metric
- Then ready for WGLC
- Work continue in IPPM:
  - [draft-ahuang-ioam-on-path-delay](#)
  - [draft-ahuang-ippm-dex-timestamp-ext](#)



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