

# Export of Segment Routing IPv6 Information in IPFIX

draft-tgraf-opsawg-ipfix-srv6-srh

Enabling insights in SRv6 forwarding plane  
by adding Segment Routing dimensions

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# SRv6 @ IPFIX

## Draft Status

- Received and addressed comments from SPRING, OPSAWG and other network operators.
- Added "Compressed SRv6 Segment List Decomposition" in operational consideration section
- **srhSegmentLocatorLength** and **srhSegmentEndpointBehavior** has been added and included in the use case and operational section description
- Aligned IE naming according to <https://datatracker.ietf.org/doc/html/rfc7012#section-2.3>
- Updated srhFlagsIPv6 registry
- Added data-template and data-record examples for srhSegmentIPv6ListSection and srhSectionIPv6 in example section

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## Next Steps

- Data-Plane visibility is missing in SRv6. **Do you recognize the problem statement?**
- **Huawei and Cisco validated technical feasibility and working on implementations** which will be released in Q1/Q2 2023. 3 other network vendors show interest.
- INSA Lyon working on running open-source code in FD.io VPP. **Will be shown at IETF 115 hackathon.**
- Authors believe that document should progress quickly through IETF to avoid private enterprise code points being used in SRv6 deployments.
- **Call for adoption requested at OPSAWG IETF 113**

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