



I E T F®

IETF 101 - London
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6man Working Group

Segment Routing Header

draft-ietf-6man-segment-routing-header-10

Authors

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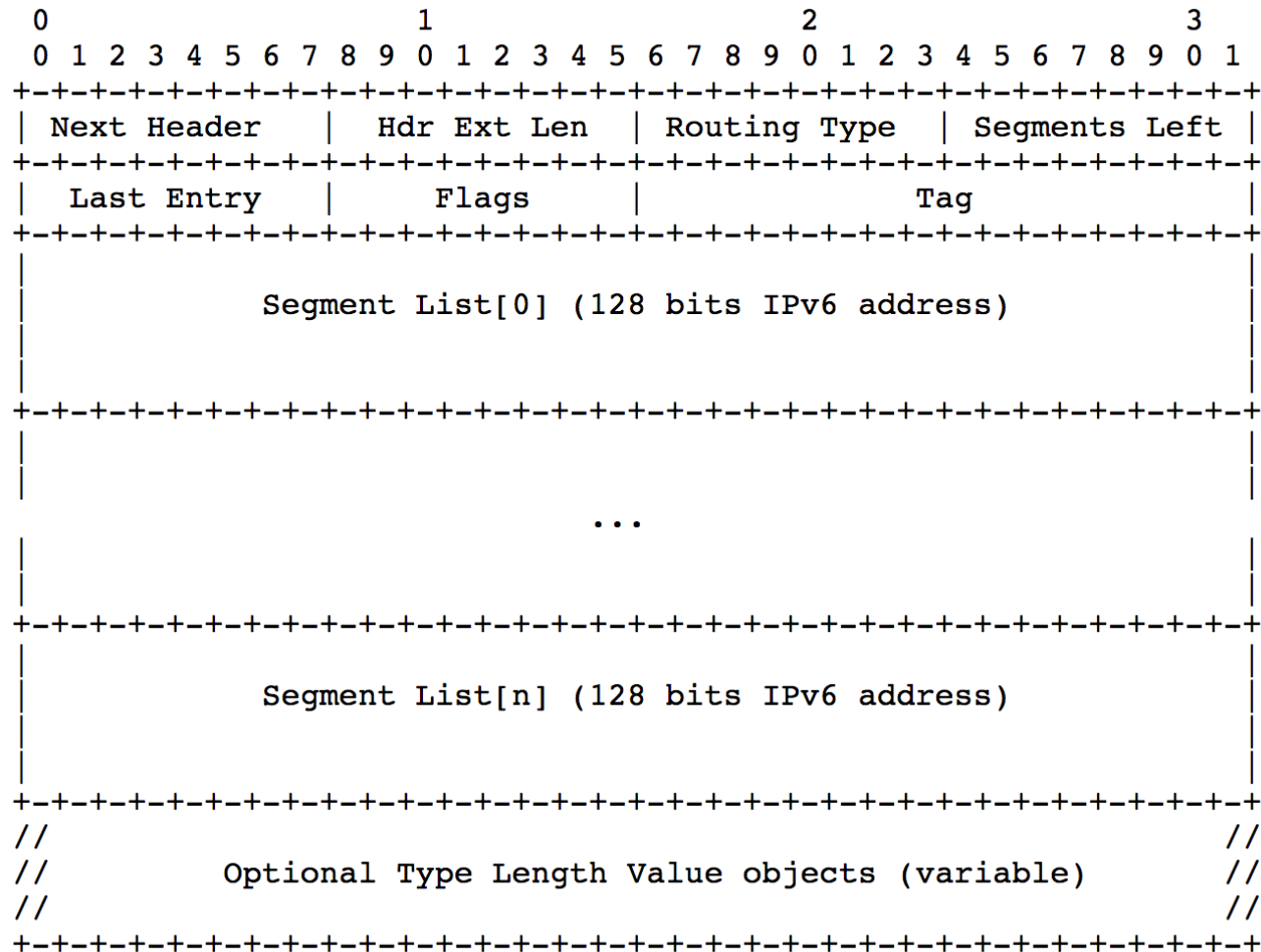
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Agenda

- Overview
- Stability
- Implementations
- IPR
- Next Steps

SRH



Highlights

- Defines Routing Extension Header type (proposed 4)
- Defines SRH dataplane processing
- Defines SRH addition at a source node
- Defines an initial set of TLVs
 - Ingress Node TLV
 - Egress Node TLV
 - Opaque TLV
 - Padding TLV
 - HMAC TLV
 - NSH Carrier TLV

Stability

- Updates in the past year
 - Cleanup of author list
 - Language changes
 - Response to technical issues from the list
 - Padding

Running Code

- Linux (Feb 2017 – kernel 4.10)
- Cisco (April 2017)
 - 2 Oses (IOS XR, IOS XE)
 - 3 ASICs
- FD.io VPP (April 2017 – 17.04)
- Bell Canada, Barefoot, P4 (May 2017)

- See [draft-filsfils-spring-srv6-interop](#) for interop details
- See [draft-filsfils-spring-srv6-network-programming](#) for additional SID types

IPR Disclosure

- Cisco: <https://datatracker.ietf.org/ipr/2421>

Next Steps

- Working Group Last Call?