

IS-IS Extension to Support Segment Routing over IPv6 Dataplane

draft-ietf-lsr-isis-srv6-extensions

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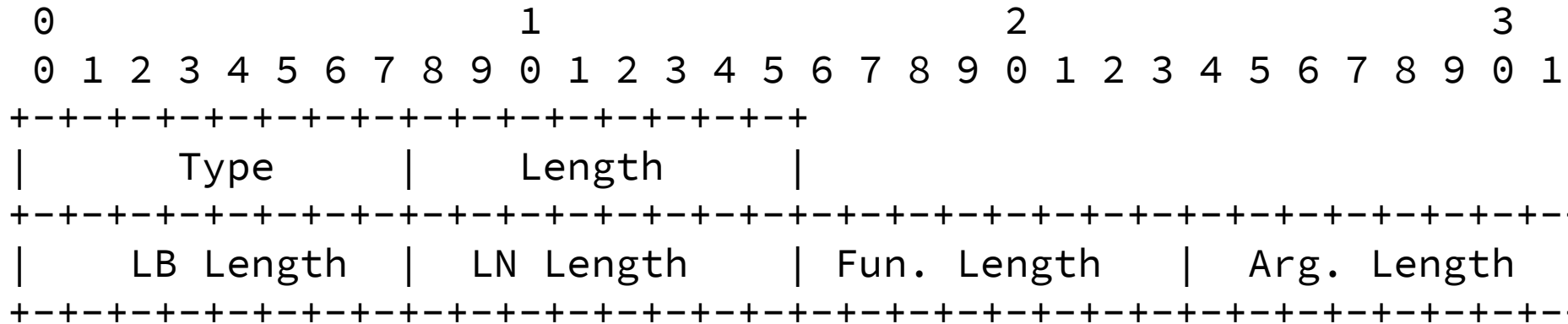
WG Adoption

- draft-ietf-lsr-isis-srv6-extensions
- Adopted as WG document

Flex-Algo Locators

- “Locators associated with Flexible Algorithms SHOULD NOT be advertised in Prefix Reachability TLVs (236 or 237).“
- Avoids the Flex-Algo locator to be reachable in Algo-0 on routers that are not participating in the Flex-Algo

SRv6 SID Structure Sub-Sub-TLV



- Describes the length of individual parts of the SRv6 SID
 - Locator Block/Node, Function, Arguments
- Optional Sub-Sub-TLV of
 - SRv6 End SID Sub-TLV
 - SRv6 (LAN) End.X SID Sub-TLV

SRv6 Locator TLV - A-flag

- New Flag added during last IETF
 - A bit: when the Locator is configured as anycast, the A bit SHOULD be set. Otherwise, this bit MUST be clear.
- Considering to move the A-flag to IPv4/IPv6 Extended Reachability Attribute Flags
 - Available under Locator TLV
 - A-bit has applicability outside of SRv6
 - Any implementation of A-bit?

Next Steps

- Multiple implementations available
- Continue to evolve the document
- Questions/Comments?

Thank you!