

BGP Flow Specification for SRv6

draft-li-idr-flowspec-srv6-04

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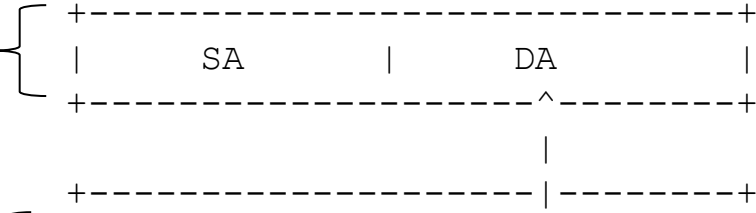
Xufeng Liu (Volta Networks)

IETF 110

Overview

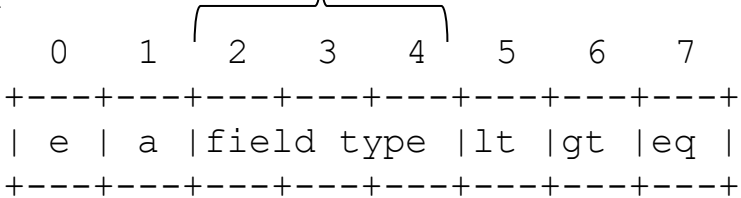
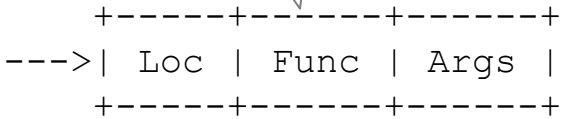
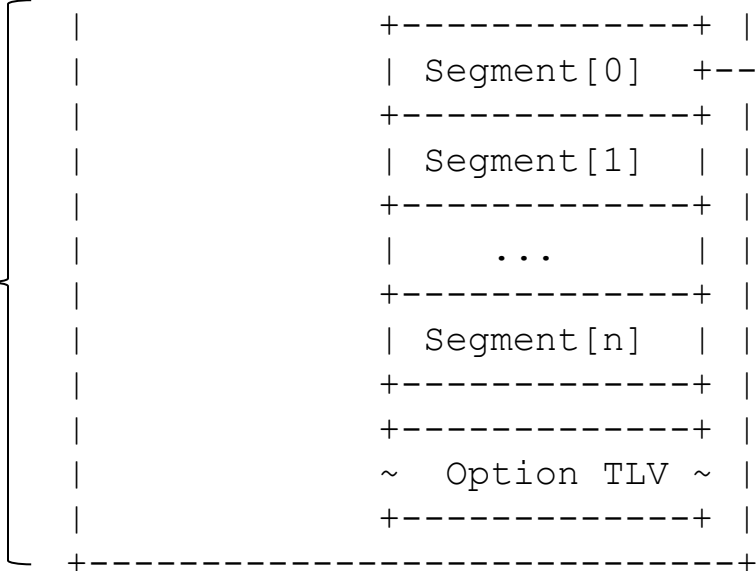
2 component types
for SRv6 filtering

IPv6
Header



Contains a list <op, value >s, defining conditions on LOC, FUNC, or ARGS of SID (if conditions true, action on packet with SID)

SRH



operator:

Updates to Previous version

Editorial Changes

Next Step

Comments

Adoption

IPv6 Flow Specification Components

Type 1 - Destination IPv6 Prefix

Encoding: <type (1 octet), length (1 octet), offset (1 octet), pattern (variable), padding (variable)

length: This indicates the N-th most significant bit in the address where bitwise pattern matching stops.

offset: This indicates the number of most significant address bits to skip before bitwise pattern matching starts.

pattern: This contains the matching pattern. The length of the pattern is defined by the number of bits needed for pattern matching (length minus offset).