

# BGP Flow Specification for SRv6

draft-li-idr-flowspec-srv6-01

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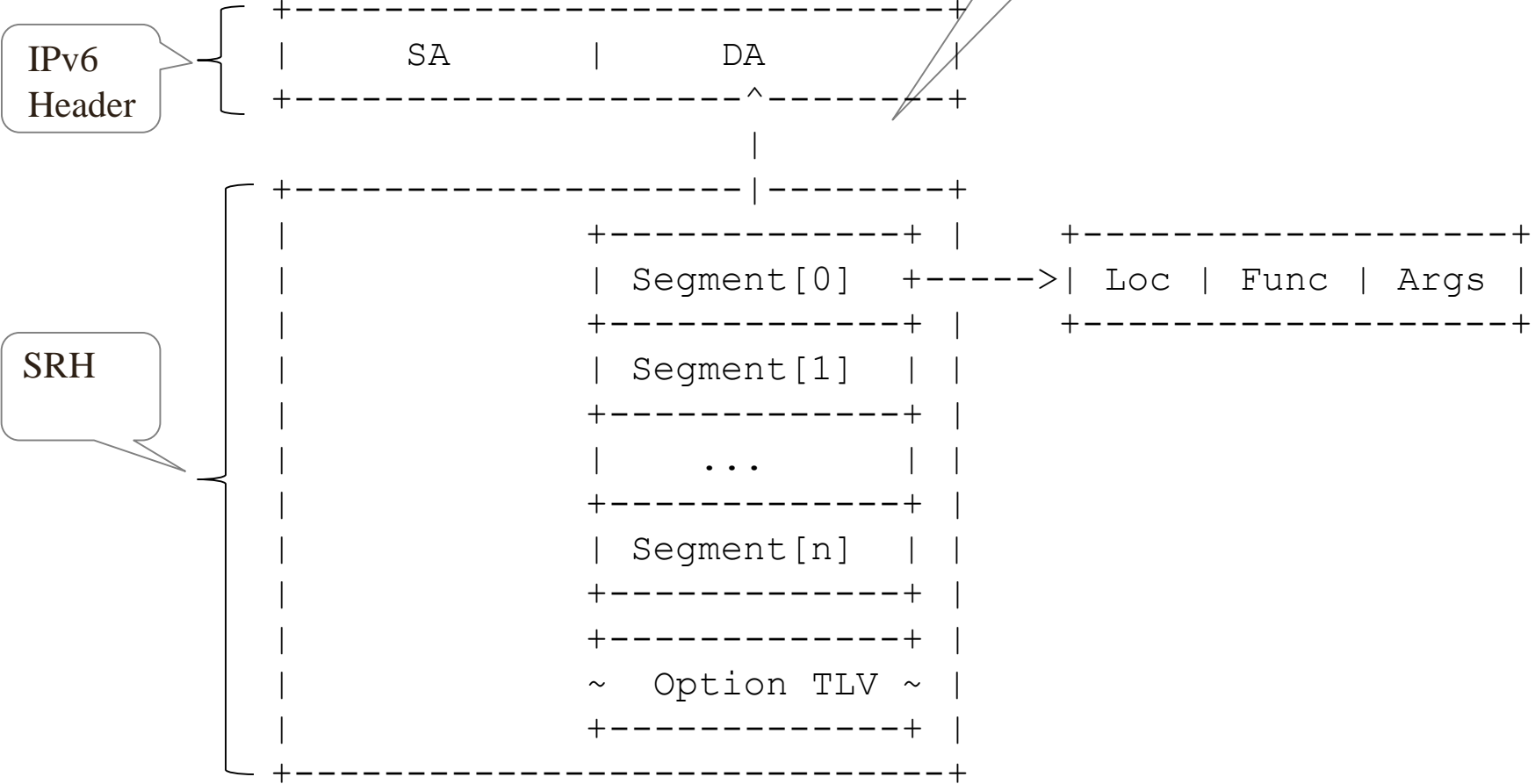
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# Overview

2 component types for SRv6 filtering

Match Field  
in this draft



# Updates to Previous version (Extensions to Flow Spec)

A Flow Specification is encoded in a BGP NLRI.

Flow Spec NLRI

Component Types: for IPv4/6

For  
IPv4/6

Type 1 - Destination Prefix

Type 2 - Source Prefix

Type 3 - IP Protocol

.....

Type 10 - Packet length

Type 11 - DSCP

Type 12 - Fragment

Type 13 - Flow Label (New type)

Contains a list <op, value >s,  
defining match with whole  
SID (if SID is matched, then  
action on packet with SID)

For  
SRv6

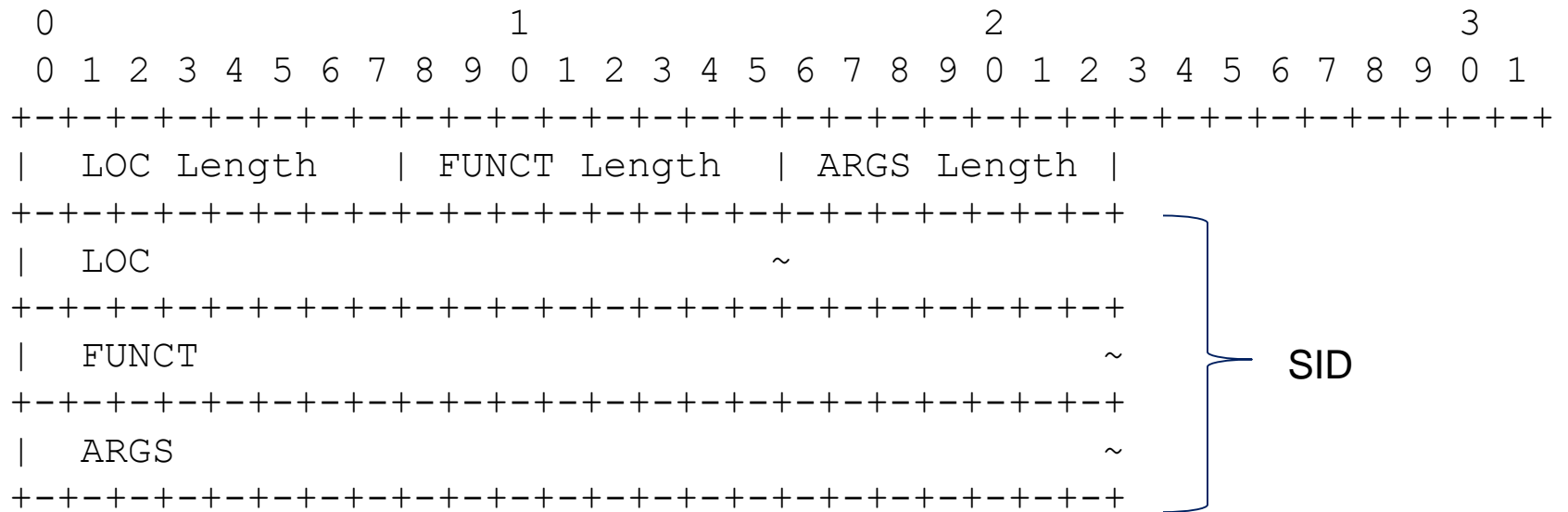
Type TBD1 - Whole SID in SRH

Type TBD2 - Parts of SID in SRH } Updates

Contains a list <op, value >s, defining matches  
with some parts/bits (such as LOC, FUNC, or  
ARGS) of SID (if they are matched, then action  
on packet with SID)

# Updates to Type TBD2 - Some Bits/Parts of SID

The lengths of **LOC**, **FUNCT**, **ARGS** in SID are indicated, each of which may be **matched accordingly**



# Next Step

Comments

Request for adoption