

Inter-Domain OAM for SR Networks IETF 110

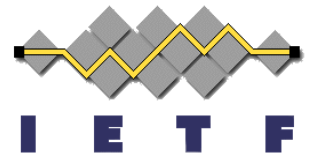
Shraddha Hegde, Juniper Networks

Kapil Arora, Juniper Networks

Samson Ninan, Juniper Networks

Mukul Srivastava, Juniper Networks

Nagendra Kumar, Zafar Ali, Carlos
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Agenda

- Updates from Last version
 - Segment sub-TLV and SID types structure
 - IANA section updates
 - Editorial changes
- Ask & Next step

Updates from previous version



● Reverse path Segment list TLV

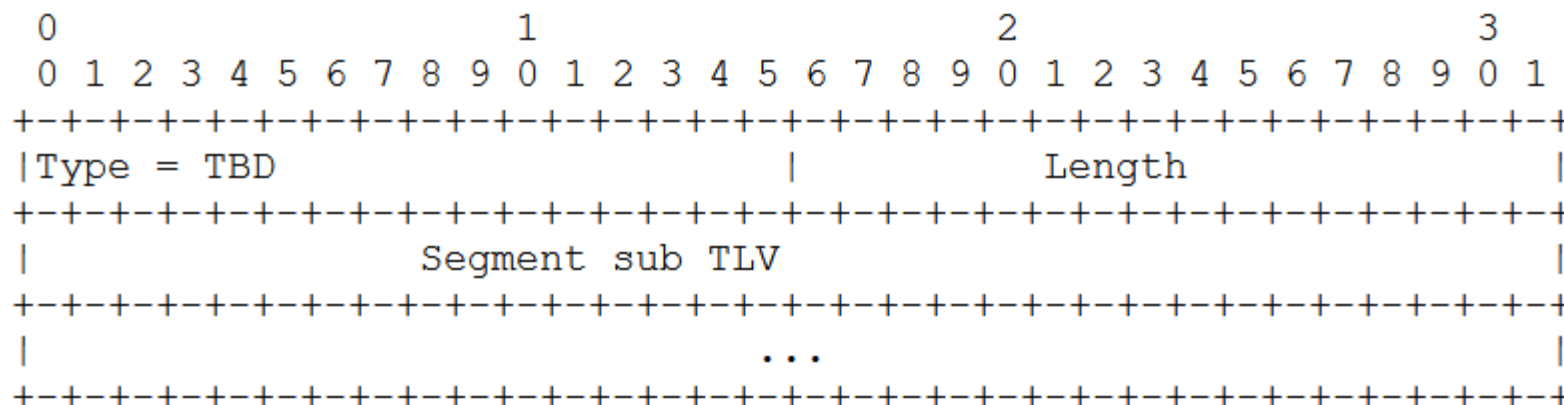


Figure 3: Reverse Path Segment List TLV

- Optional TLV in echo request message
- May appear in any order before or after Target FEC stack TLV
- May appear in ECHO reply message when the reverse path is being built dynamically

Updates from previous version



- Segment Sub TLV :Type 1

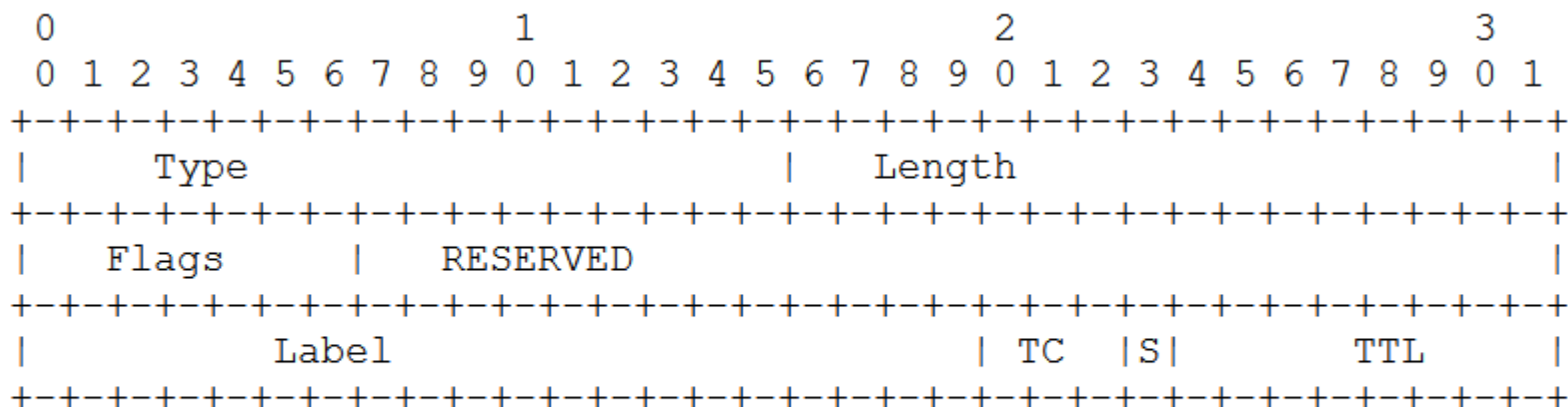
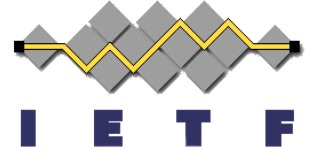


Figure 4: Type 1 Segment sub-TLV

Updates from previous version



- Segment Sub TLV : Type 3

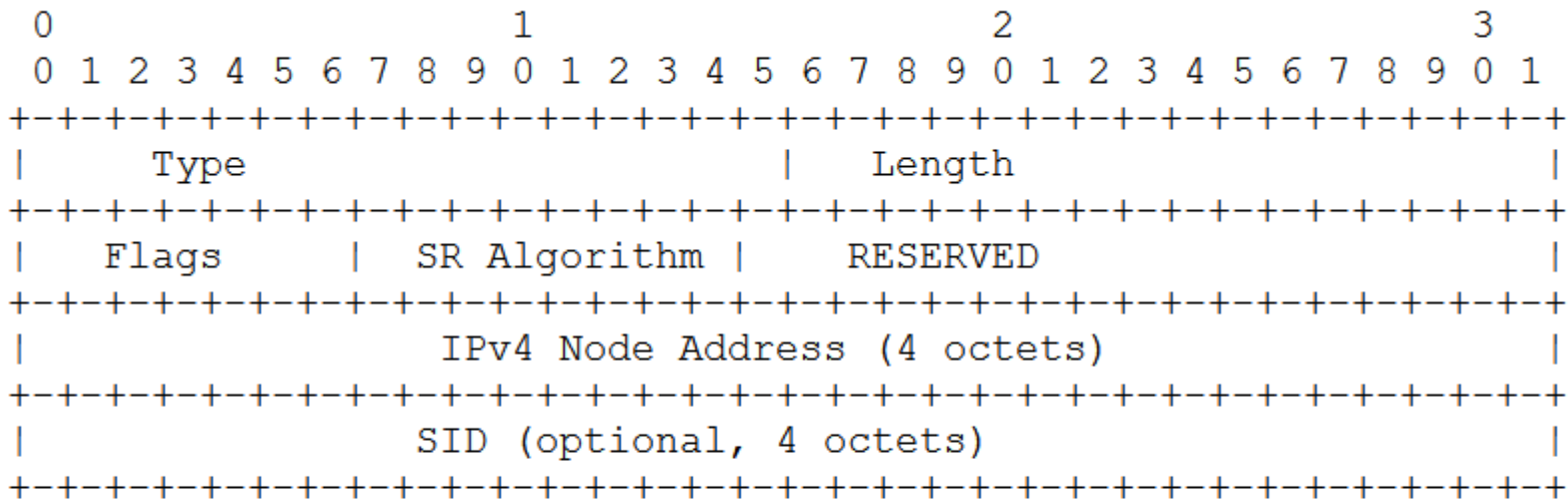
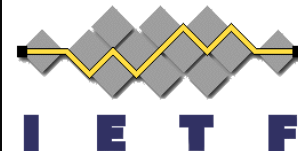


Figure 5: Type 3 Segment sub-TLV

Updates from previous version



- Segment Sub TLV : Type 4

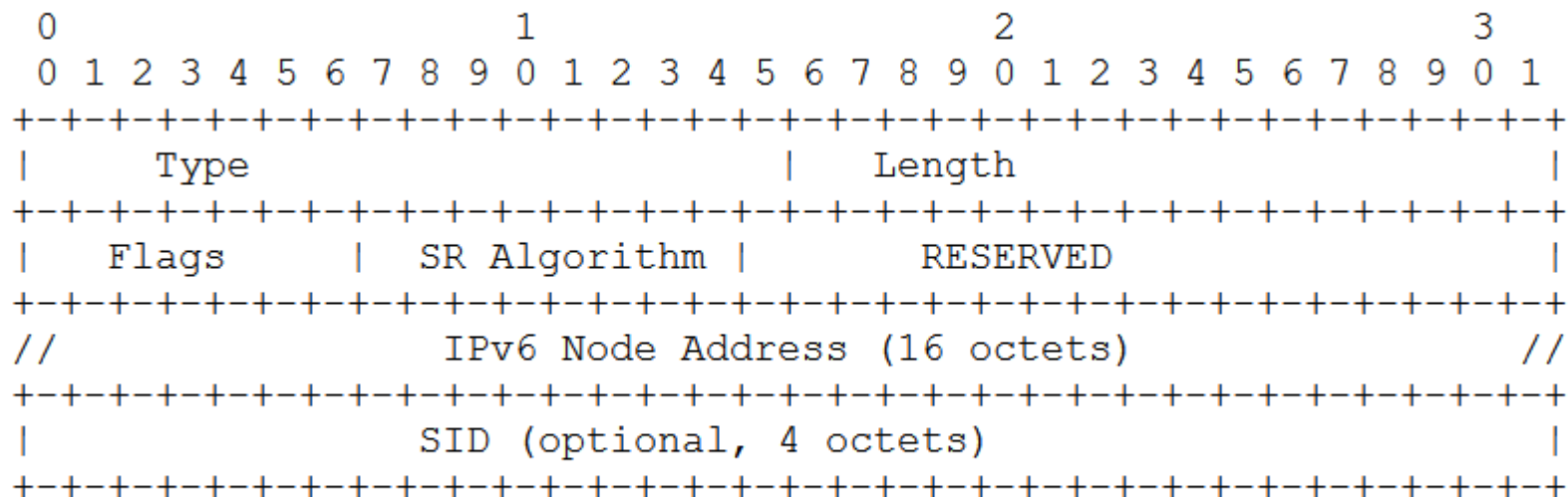
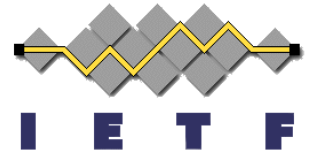


Figure 6: Type 4 Segment sub-TLV



IANA section updates

Sub-TLV of Reverse path segment List TLV (New Registry)

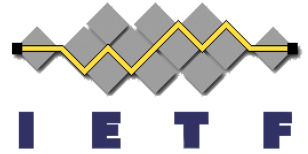
SID only in the form of mpls label : TBD (Range 32768-65535)

IPv4 Node Address with optional SID for SR-MPLS : TBD (Range 32768-65535)

IPv6 Node Address with optional SID for SR-MPLS : TBD (Range 32768-65535)

Summary & Next steps

- Request review and comments
- Request MPLS WG accept it as WG document



Thank you