

draft-psenak-ospf-bier-extensions-01.txt

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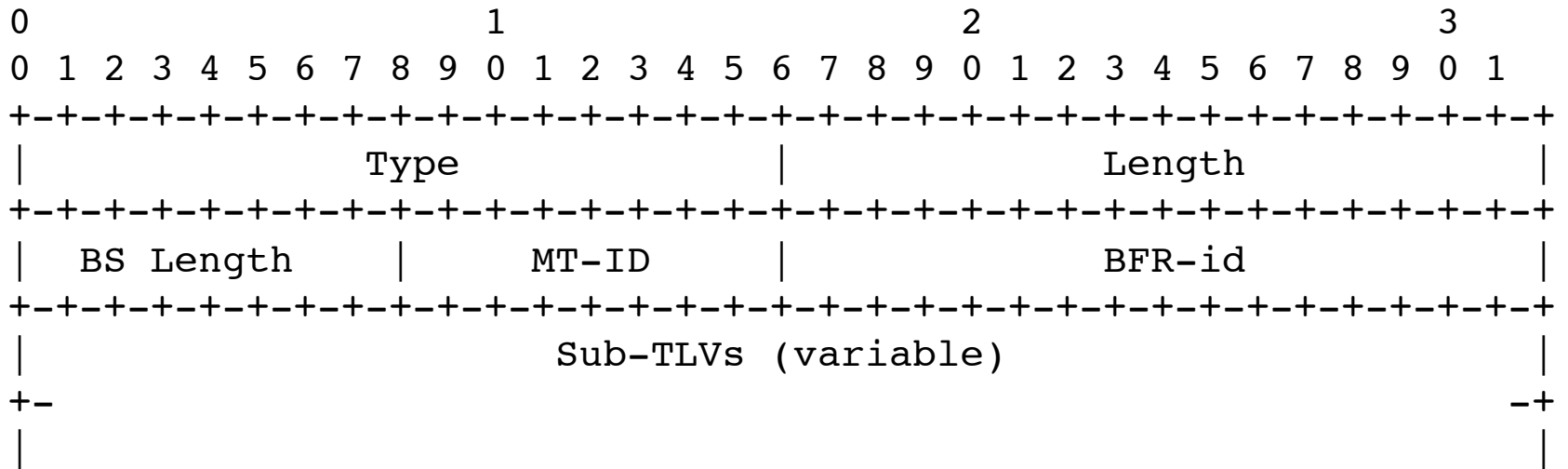
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BFR Prefix

- Unique (within a given BIER domain), routable IP address that is assign to each BIER router
- All the BIER specific information that a BIER router needs to advertise to other BIER routers are associated with the BFR-Prefix
- OSPF Extended Prefix Opaque LSA is used to flood BIER related information

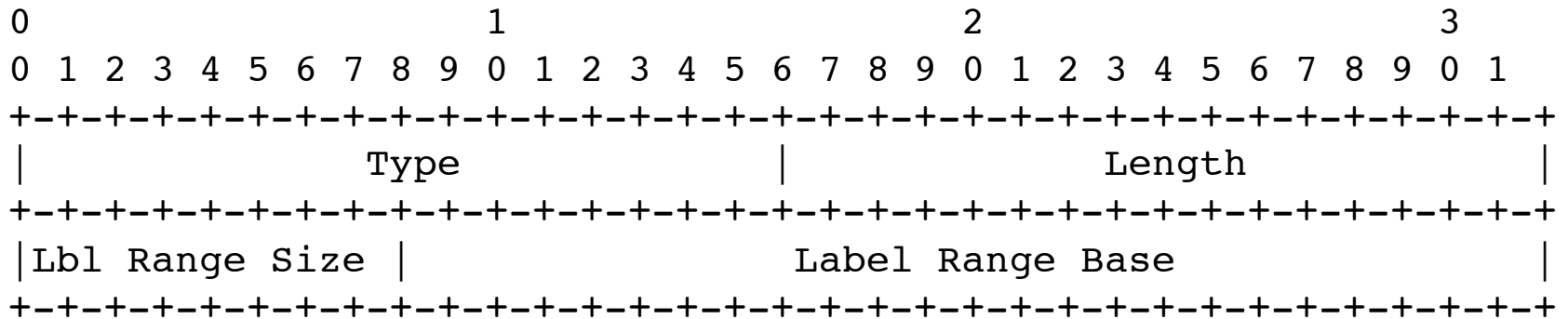
BIER Sub-TLV

- Sub-TLV of the Extended Prefix TLV
 - ietf-ospf-prefix-link-attr
- Multiple BIER Sub-TLVs may be included



BIER MPLS Encapsulation Sub-TLV

- sub-TLV of the BIER Sub-TLV
- advertises MPLS specific information used for BIER



BIER info flooding

- OSPF Extended Prefix Opaque LSA
- Propagated between areas
- Propagation follows the generation of Type-3 LSAs for the BIER prefix
 - prevents looping of BIER info between areas
- BIER info is flooded to stub, NSSA areas similar to Type-3 LSAs

Status

- Initial version of the draft
- Work in progress
- Please provide comments on the list