Expressing LSP attribute in ERO

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Cyril Margaria
Coriant

Giovanni Martinelli
Cisco

Steve Balls; Ben Wright
Metaswitch

Changes

- Editorial changes
- Introduce a different semantic :
  - HOP Attribute TLV
- Recording of HOP TLV processing in RRO

Hop attribute TLV

- – LSP Attributes are meant as end-to-end attributes
- – For better scoping and based on the document using hop attributes another TLV name and space is added : HOP attribute TLV
- – Same Format as LSP Attribute
- – Several TLV can be present in one HOP attribute sub-object
- – Multiple HOP attribute sub-object can be present per hop
- – Length is not modified compared to LSP Attribute

RRO Hop attribute processing

– A node can also include Hop attribute sub-object in RRO

– Allows nodes to report ERO attributes have been successfully processed (and provide additional details if required)

– Processing that determines whether nodes add an attribute to the RRO depends on the specific attribute.

Discussion/Next Steps

- ERO HOP attribute recording refinement based on WG feedback
- IANA section