

# Expressing LSP attribute in ERO

CCAMP WG, IETF 85,

draft-margaria-ccamp-lsp-attribute-ero-02

Cyril Margaria

Nokia Siemens Networks

Dirk Schroetter

iX GmbH

Giovanni Martinelli

Cisco

Steve Balls; Ben Wright

Metaswitch

# Updates since -01

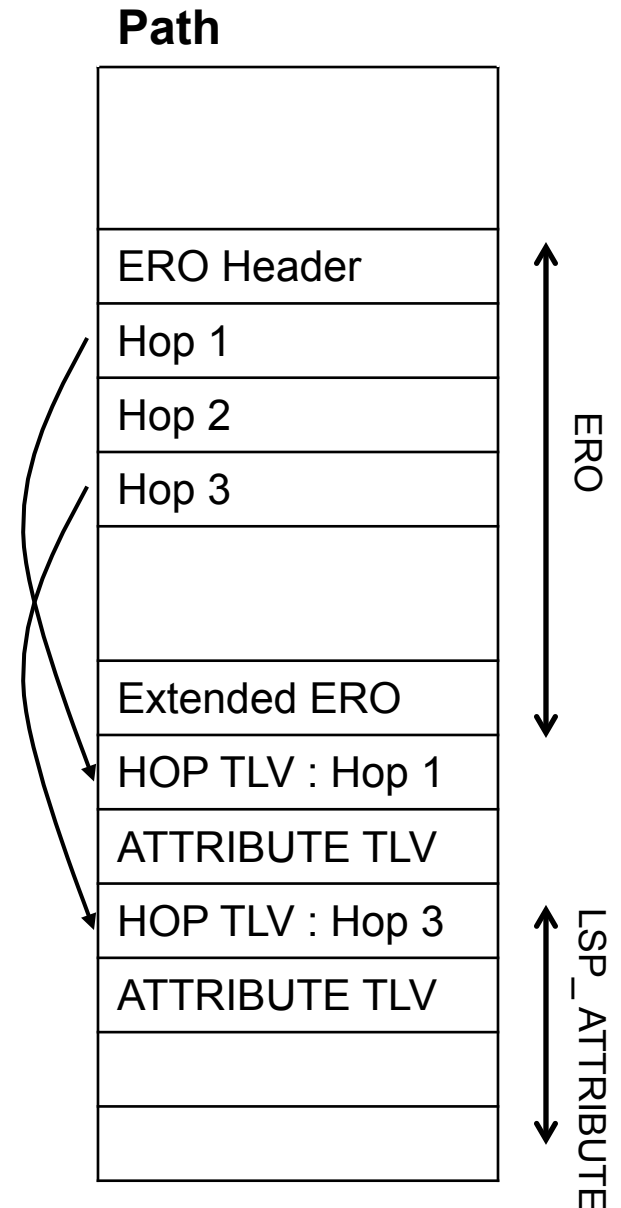
- Followed WG feedback from IETF84:
  - “pointers” solution less than welcomed
  - Rejected solutions:
    - ERO subobject (not enough space to handle a LSP ATTRIBUTE TLV)
    - ERO subobject containing a pointer to another object (processing)
  - Use SERO-like solution

# New encoding

Use SERO Logic, with “bigger” TLVs :

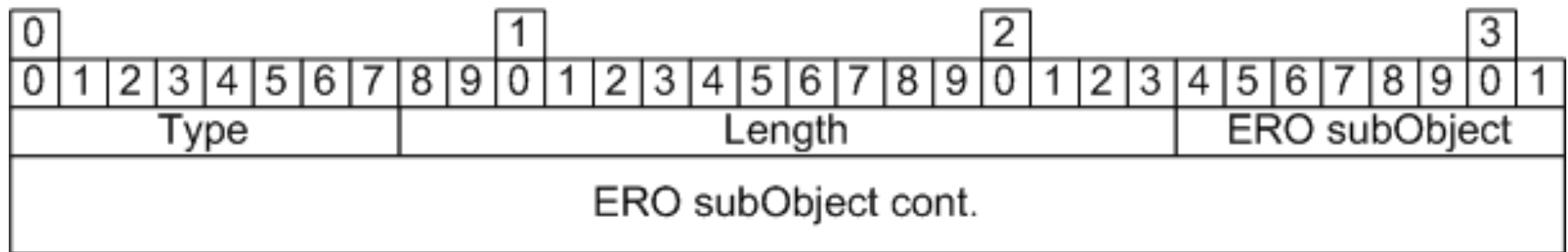
Pro :

- size is aligned
- Processing rules similar to SERO

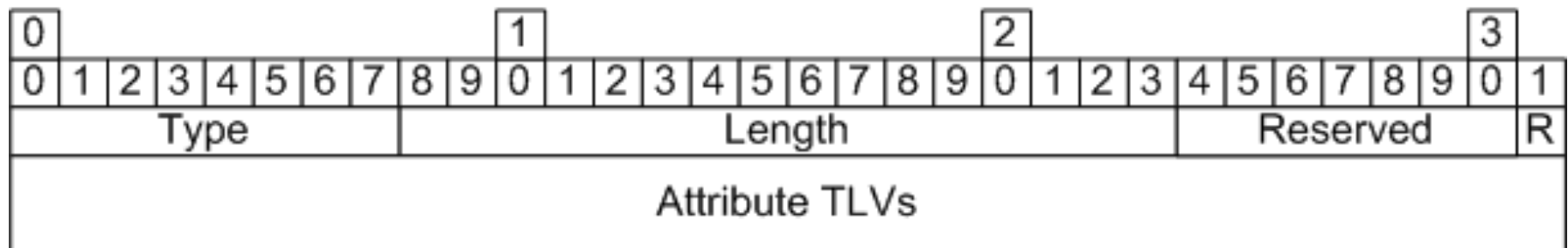


# Encoding TLVs

1. Hop identifier: contains 1 ERO subobject (use ERO definitions)



- ## 2. Hop LSP Attribute : use LSP attribute definitions



# Next steps

1. Encoding : questions?
2. WG adoption?
3. LSP Attribute or HOP Attribute?
  - Scope the Attribute to an Hop only or the LSP?
4. widening the scope of this draft?

Questions?