

Standard Representation Of Domain Sequence

draft-dhody-pce-pcep-domain-sequence-01

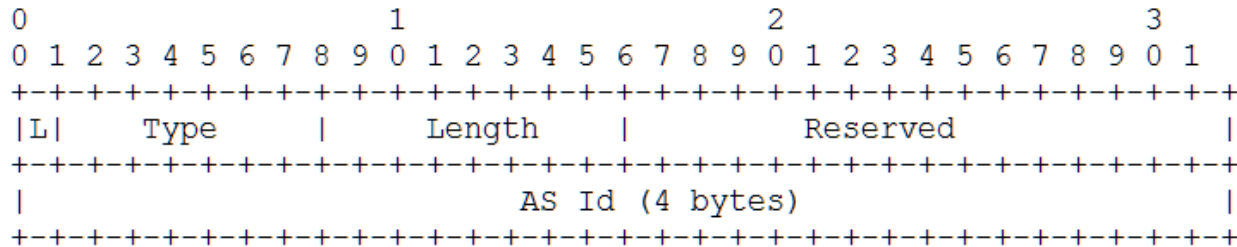
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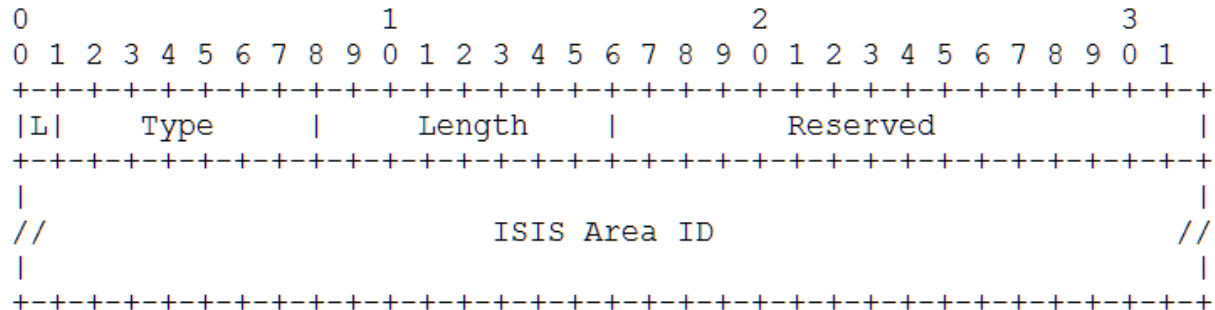
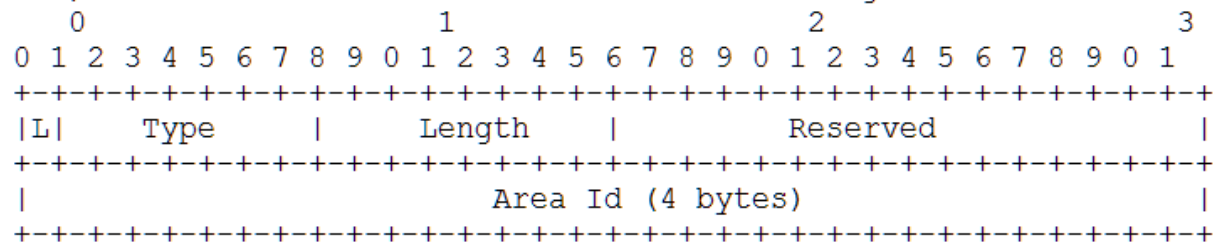
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Updates from -00

- Support for 4-Byte AS Number



- Updates in OSPF/ISIS Sub-Objects



Open Issues

•Encoding of Domain Sequence

- (1) Keep the RFC5440 IRO object (Object class 10, object type 1)
 - Current Draft

- (2) New IRO object (Object class 10, object type 2)
 - Better Application of Rules w.r.t domain sequence
 - Sub-Object Ordering
 - Different Scope
 - Mode of Operations
 - Strict v/s Loose

- (3) New DOMAIN-SEQUENCE object

*** Authors feel Option-2 is the way to go....*

Open Issues

- Boundary Nodes & Links a part of Domain-Sequence?

- Should additional constraints/restrictions be part of Domain-Sequence?
 - ABR and ASBR
 - Inter-AS TE Links

- Formal RBNF specification for Domain-Sequence?

- Draft currently mentions multiple deployment scenarios and how the sub-objects (AS/Area) will be encoded in the IRO.
- RBNF is generally used to define Messages and not Objects.
- Does WG has a comment on using RBNF to define Domain-Sequence?

Next Steps

- Resolve Open Issues and update new version.
- Request all authors of inter-domain (P2P / P2MP / HPCE) IDs to give comments.

Questions
&
Comments?

Thanks!