



IETF 121–Dublin
Nov 2024
IDR Working Group

draft-ietf-idr-bgp-ls-sr-policy-07

Stefano Previdi

Ketan Talaulikar (Cisco)

Jie Dong(Huawei)

Hannes Gredler (RtBrick)

Jeff Tantsura (Microsoft)

Recap ...

- This draft specifies the SR Policy Advertisement via BGP-LS
- Last presented draft-ietf-idr-bgp-ls-sr-policy-01 at IETF 117 after the document split of draft-ietf-idr-te-lsp-distribution

Summary of Updates in v01 → v07

1) Changes from v01 → v05

a) Clarifications based on WG inputs

- SR Policy Metric Type clarified (i.e., different from IGP Metric Type) and related IANA considerations
- SR Policy CP Descriptors related clarifications

b) Updates for codepoint allocation for TLVs introduced in v01

c) Security Considerations

d) Editorial updates for references and other nits

2) Changes from v05 → v07 – shepherd review from Susan Hares (Thanks!)

a) Clarifications on the meaning of flags being “clear” – this was not stated explicitly for several flags

b) References to RFC 9256 specific sections

c) Encoding of PCEP Association Object in Bidirectional Group Constraint TLV – remind of maximum size limit in BGP(LS)

d) Several editorial fixes and improvements

No new TLVs/sub-TLVs or changes in encoding – draft is stable for 1+ year

Implementation Status

- Two implementations reported; interop done at EANTC
 - Refer <https://wiki.ietf.org/group/idr/implementations/draft-ietf-idr-te-lsp-distribution>
- Request update from other implementations

Next Steps

- Authors have already requested for WGLC