



IETF 115 – London
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IDR Working Group

draft-ietf-idr-te-lsp-distribution-18

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Overview

- Defines new BGP-LS NLRI Types for TE Policy advertisements
- Covers different types of TE Policies
 - RSVP-TE
 - Segment Routing Policies
 - MPLS Cross Connects
- Signals the path details and status

Status Update

- Alignment to SR Policy Architecture published as RFC 9256 (produced by SPRING WG)
- Alignment to BGP SR Policy SAFI (draft-ietf-idr-segment-routing-te-policy) sent to IESG for publication by IDR WG
- Draft has been getting minor updates over past few years
 - Almost all changes related to SR Policy advertisements
 - Based on feedback from implementations

Updates since IETF 114

- Separate NLRI types for each type of TE Policies
- Removal of reference to "IP-based tunnels"
- Clarifications on the use of various descriptors for respective NLRI types and the use of appropriate Protocol-IDs for them
- Updates for some of the status information flags for SR Policies
- Addition of two new constraints sub-TLVs for SR Policy CPs
- Clarification of the metric types and their reporting (including two new metric types)
- Editorial changes in other parts of the document for clarity and section re-organization

Work In Progress

- Getting feedback from ongoing implementations and reviews
- Expecting few more minor updates ...
 - IANA section & pending allocations
 - Further Updates & Clarifications
- However:
 - All feedback and inputs suggest that there exist implementations for SR Policy advertisement only
 - Need feedback/inputs on implementation of RSVP-TE and Local/Static MPLS cross-connects

Proposal for splitting the draft

- Split the contents into two WG drafts
 - One, comprising SR Policy advertisements where we have implementations and can progress to WGLC/publication soon
 - Other, comprising the other types of TE policies where we wait for implementations
- Requesting WG inputs/feedback