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