draft-ietf-idr-bgp-ls-app-specific-attr

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Overview

- BGP LS extension for IGP drafts:
  - ietf-isis-te-app
  - ietf-ospf-te-link-attr-reuse
- Allows link attributes to be signaled on a per application basis
- Applications:
  - RSVP TE, SRTE, LFA, Flex-Algo, …
- ASLA (application Specific Link Attributes) TLV defined in both IGPs

Progression Updates

- First presented at IDR WG Interim before IETF 103 Bangkok

- Adopted as WG document after IETF 104 Prague

- Codepoints allocated via Early Allocation process

Summary of Updates in v01

- Aligned with the changes to underlying IGP Specifications

- Removed Max Reservable BW and Unreserved BW attributes since they are RSVP-TE specific

- Clarified text on processing of ISIS ASLA sub-TLV

- Introduced text to clarify scenarios where existing deployments of SRTE can continue using existing BGP-LS top-level TLVs originally introduced for RSVP-TE

- Simplified the backward compatibility considerations in BGP-LS by leveraging the backward compatibility aspects of the underlying IGPs

Next Step

- Request WG review and inputs
- IGP drafts are post WGLC status and this BGP-LS document can progress to WGLC once we have implementations