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

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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