Segment Routing drafts Update
draft-ietf-idr-bgp.ls-segment-routing-ext

• Version 01
• Added section 4 “Implementation Status”
• Submitted IANA request #948556 for codepoint assignment
• Expert review in progress
• To do:
  – Update SRv6 prefix-sid tlv
  – Add BGP prefix sid TLV
draft-ietf-idr-bgp-prefix-sid

• Version 04
• WG last call in progress
• Received and integrated comments from RTG directorate (Chris Hopps)
• Received review from Bruno Decraene
  – to do, missed deadline. Draft will be updated after ietf week
• Submitted implementation report
• Version 11
• WG last call in progress
• Added section 4 “Implementation Status”
• Added proper IANA section
• Submitted implementation report
• Submitted IANA request #949372 for codepoint assignment
  – New BGP-LS Protocol-ID: 7  BGP
  – New entries in the BGP-LS Node Descriptor, Link Descriptor, Prefix Descriptor, and Attribute TLVs registry:
    • 516  BGP Router-ID
    • 517  BGP Confederation Member
    • 1101  Peer-Node-SID
    • 1102  Peer-Adj-SID
    • 1103  Peer-Set-SID
• Version 05
• Cleaned up text:
  – Draft focuses on BGP mechanisms in order to advertise a SR Policy
  – All SR Policy behavior specifics are now described in draft-filsfils-spring-segment-routing-policy-00
• Added section 4 “Implementation Status”
• Submitted IANA request #949372 for codepoint assignment
  – Registry "Subsequent Address Family Identifiers (SAFI) Parameters”
    • 73 SR TE Policy SAFI
  – Registry ”BGP Tunnel Encapsulation Attribute Tunnel Types”
    • 15 SR TE Policy Type
• Need assignment for
  – Preference sub-TLV: 6
  – Binding SID sub-TLV: 7
  – Segment List sub-TLV: 128
• Can’t be done until the document becomes WG item
draft-ietf-idr-te-lsp-distribution

• Version 06
• No changes
• To do:
  – Submit IANA request for codepoint allocation
• Ready for WG last call?