draft-ietf-lsr-igp-ureach-prefix-announce

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Context

• Presented previously at IETF 114, IETF 115, IETF 116, IETF117
• Adopted by WG after IETF117
Recent Changes – Signaling U/UP Flags

• OLD
  • OSPFv2: U/UP flags were advertised in the Flags field of the OSPFv2 Extended Prefix TLV
  
  • OSPFv3: U/UP flags were advertised in a newly defined Prefix Attribute Flags sub-TLV

• NEW
  • Both OSPFv2 and OSPFv3 use the same Prefix Attributes Sub-TLV
    • defined in I-D.chen-lsr-prefix-extended-flags
Recent Changes – Signaling U/UP Flags (cont.)

• In OSPFV2, Prefix Attributes Sub-TLV is a Sub-TLV of the OSPFv2 Extended Prefix TLV [RFC7684]

• In OSPFv3, Prefix Attributes Sub-TLV is a Sub-TLV the following OSPFv3 TLVs as defined in [RFC8362]
  • Intra-Area Prefix TLV
  • Inter-Area Prefix TLV
  • External Prefix TLV

• I-D.chen-lsr-prefix-extended-flags – will be presented later today
Recent Changes – Editorial Changes

• Included comments from Bruno
• Clarification on the U/UP Flags usage
  • to signal unreachability
  • to distinguish from other cases where the prefix may be advertised with unreachable metric
Next Steps ...

• Comments are welcome