draft-ietf-ospf-te-link-attr-reuse-04

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OSPFv3 Support

- Added support for OSPFv3
- OSPFv3 Intra-Area-TE-LSA [RFC5329] used for TE specific link attributes
- E-Router-LSA [RFC8362] used to advertise link attributes for any other application
- OSPFv3 Extended LSA Sub-TLV Registry
  - is used to allocate code points for application specific link attributes
- Similar approach to what has been proposed to OSPFv2
- Same set of application specific link attributes supported by OSPFv2 and OSPFv3

ASLA Sub-TLV

- “Extended Link Attribute sub-TLV” was renamed to “Application Specific Link Attributes (ASLA) Sub-TLV”
- ASLA Sub-TLV is a Sub-TLV of:
  - OSPFv2 Extended Link TLV [RFC7471]
  - OSPFv3 Router-Link TLV [RFC8362]

Maximum Link Bandwidth

- Application independent attribute
- MUST NOT be advertised in ASLA Sub-TLV
- May be advertised as sub-TLV of the:
  - OSPFv2: Extended Link Opaque LSA's Extended Link TLV [RFC7684]
  - OSPFv3: E-Router-LSA Router-Link TLV [RFC8362]
  - Same format for sub-TLV as defined in [RFC3630] is used

Local/Remote Interface IPv6 Address Sub-TLVs

- Application independent attribute
- MUST NOT be advertised in ASLA Sub-TLV
- May be advertised as sub-TLV of the:
  - OSPFv3: E-Router-LSA Router-Link TLV [RFC8362]
  - Same format for sub-TLV as defined in [RFC5329] is used

Next Steps…

- Has been presented multiple times
- No major changes has been made
- Some minor additions pending
- Should be ready for WG LC by next IETF meeting