LSR WG Status
IETF 109, Virtual

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RFCs since IETF 108 Virtual

- RFC 8918 - Invalid TLV Handling in IS-IS
- RFC 8919 - IS-IS Application-Specific Link
- RFC 8920 - OSPF Application-Specific Link Attributes
Drafts on RFC Queue With Missed References (1/2)

- The Tunnel Encapsulations OSPF Router Information draft-ietf-ospf-encapsulation-cap-09 – Waiting on IDR Tunnel Encap Draft (Publication finally requested)
- YANG Data Model for OSPF Protocol - draft-ietf-ospf-yang-26 – Missing ietf-bfd.yang which is missing ietf-mpls.yang.
- YANG Data Model for IS-IS Protocol - draft-ietf-isis-yang-isis-cfg-42 – Missing ietf-bfd.yang which is missing ietf-mpls.yang.
Drafts on RFC Queue With Missed References (2/2)


Drafts Completed or Currently in WG Last Call

- IS-IS Extension to Support Segment Routing over IPv6 Dataplane - draft-ietf-lsr-isis-srv6-extensions-08.txt
  - Implementations exist
  - Foundational work for other drafts
- IGP Flexible Algorithm draft-ietf-lsr-flex-algo-08
  - Implementations preceding
  - Foundational work for other drafts
- OSPF Prefix Originator Extensions draft-ietf-lsr-ospf-prefix-originator-07
  - With shepherd in LSR WG last call
Drafts WG Last Call Ready?

- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-12
  - Authors believe ready for WG Last Call.
- YANG Data Model for IS-IS Segment Routing - draft-ietf-isis-sr-yang-08
  - Authors believe ready for WG Last Call.
- YANG Module for IS-IS Reverse Metric - draft-ietf-lsr-yang-isis-reverse-metric-01
  - Plan to WG last call
- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-07
  - Ready for WG Last Call?
Existing WG Documents

- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-07
  - Implementations preceding
  - Ready for WG last call?
- IS-IS Extended Hierarchy - draft-ietf-lsr-isis-extended-hierarchy-02
  - Not priority right now
  - Seems to be significant enough extension that we’d like implementations to move forward
- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-00
  - Distributed algorithm consistent with dynamic flooding architecture
  - Dependent on Dynamic Flooding on Dense Graphs
New WG Documents

- Area Proxy for IS-IS - draft-ietf-lsr-isis-area-proxy-04
  - Experimental track with early allocations
  - Implementation under way
- IS-IS Flood Reflection - draft-ietf-lsr-isis-flood-reflection-01
  - Experimental track with early allocations
- IS-IS TTZ - draft-ietf-lsr-isis-ttz-01.txt
- IGP extension for PCEP security capability support in the PCE discovery - draft-ietf-lsr-pce-discovery-security-support-04
  - Still Interest
- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-03
  - Will include more augmentations
Newer WG Documents

- OSPF Reverse Metric - draft-ietf-lsr-ospf-reverse-metric-01
- OSPF Strict-Mode for BFD - draft-ietf-lsr-ospf-bfd-strict-mode-01
- OSPFv3 Extensions for SRv6 - draft-ietf-ospf-ospfv3-srv6-extensions-01
- Advertising L2 Bundle Member Link Attributes in OSPF - draft-ietf-lsr-ospf-l2bundles-00
- OSPFv3 Extensions for SRv6 - draft-ietf-ospf-ospfv3-srv6-extensions-01
- IS-IS RFC 5316BIS
WG Document Adoption Call
Backlog (Adoption Requests)

- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-acee-lsr-ospf-admin-tags-04
  - Now possible in both OSPFv2 and OSPFv3 as well as IS-IS Parity
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-acee-lsr-isis-yang-augmentation-v1-02
  - IS-IS augmentations to base model
- YANG Data Model for IS-IS SRv6 - draft-hu-isis-srv6-yang-04
- YANG Data Model for OSPF SRv6 - draft-hu-ospf-srv6-yang-02
- IS-IS Flooding parameter advertisement - draft-decraene-lsr-isis-flooding-speed-05