LSR WG Status
IETF 114, Philadelphia

Acee Lindem, Cisco
Chris Hopps, LabN
Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
RFCs since IETF 113
RFCs in AUTH48

- YANG Data Model for OSPF Protocol - draft-ietf-ospf-yang-26 – Will go to AUTH48 soon with publication of RFC 9127BIS.
- YANG Data Model for IS-IS Protocol - draft-ietf-isis-yang-isis-cfg-42 – Will go to AUTH48 soon with publication of RFC 9127BIS.
Drafts on RFC Queue with Missed References

- IS-IS Extension to Support Segment Routing over IPv6 Dataplane - draft-ietf-lsr-isis-srv6-extensions-18
  - Missing reference to Flex Algorithm.
Drafts Completed WG Last Call (1/2)

- IGP Flexible Algorithm - draft-ietf-lsr-flex-algo-18
  - Still In AD Review after 148 Days and Counting
- IS-IS Extensions in Support of Inter-Autonomous System (AS) MPLS and GMPLS Traffic Engineering – draft-ietf-ls-isis-rfc5316bis-02
  - WG Last Call Completed – Waiting on AD review
- IGP extension for PCEP security capability support in the PCE discovery - draft-ietf-lsr-pce-discovery-security-support-09
  - Now awaiting AD Review
- IS-IS Flood Reflection - draft-ietf-lsr-isis-flood-reflection-07
  - Now awaiting AD Review
Drafts Completed WG Last Call (2/2)

- OSPF Strict-Mode for BFD - draft-ietf-lsr-ospf-bfd-strict-mode-05
  - Now awaiting AD Review
- IGP Flexible Algorithms (Flex-Algorithm) In IP Networks draft-ietf-lsr-ip-flexalgo-06
  - Now Awaiting AD Review
- OSPF Reverse Metric - draft-ietf-lsr-ospf-reverse-metric-05
  - Now awaiting AD Review
- Advertising Layer 2 Bundle Member Link Attributes in OSPF - draft-ietf-lsr-ospf-l2bundles-04
  - Now awaiting AD Review
Drafts In WG Last Call

- Update to OSPF Terminology - draft-ietf-lsr-ospf-terminology-03
  - Incremental update to use inclusive language for Neighbor Database Exchange roles
  - All comments incorporated in -03.
Drafts WG Last Call
Ready? (1/2)

- OSPFv3 Extensions for SRv6 - draft-ietf-lsr-ospfv3-srv6-extensions-05
  - Multiple Documents Reference
  - Implementations
  - Will initiate WG Last Call Soon

- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-18
  - Authors believe ready for WG Last Call.

- YANG Data Model for IS-IS Segment Routing - draft-ietf-isis-sr-yang-12
  - Authors believe ready for WG Last Call.
Drafts WG Last Call Ready? (2/2)

- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-10
  - Authors believe ready for WG Last Call
- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags-03
  - Authors believe ready for WG Last Call
- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-11
  - Implementations preceding but targeting Experimental
  - WG Last Call?
Existing WG Documents (1/3)

- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-05
  - Distributed algorithm consistent with dynamic flooding architecture
  - Dependent on Dynamic Flooding on Dense Graphs

- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-08
  - Includes more augmentations – WG discussion on next steps.

- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-03
  - Includes more augmentations – WG discussion on next steps

- IS-IS Fast Flooding – draft-ietf-lsr-isis-fast-flooding-01
  - Implementation preceding
  - Will move in priority for WG Last Call
Existing WG Documents (2/3)

- Using IS-IS Multi-Topology (MT) for Segment Routing based Virtual Transport Network - draft-ietf-lsr-isis-sr-vtn-mt-03
  - Update today
- Flexible Algorithms: Bandwidth, Delay, Metrics and Constraints - draft-ietf-lsr-flex-algo-bw-con-03
- Algorithm Related IGP-Adjacency SID Advertisement - draft-ietf-lsr-algorithm-related-adjacency-sid-02
  - Was OSPF transport instance - Rebranded.
  - Needed as alternative for carrying other information.
Existing WG Documents (3/3)

- IS-IS Extended Hierarchy - draft-ietf-lsr-isis-extended-hierarchy-06
  - Seems to be significant enough that we’d like implementations to standardize.
  - No changes.
- Area Proxy for IS-IS - draft-ietf-lsr-isis-area-proxy-08
  - No changes.
- IS-IS TTZ - draft-ietf-lsr-isis-ttz-05
  - No changes.
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-01
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-01
Targeting LSR Interim On or Around September 7th, 2022

For Drafts that didn’t make Agenda and further discussions