LSR WG Status
IETF 110, Virtual

Acee Lindem, Cisco
Chris Hopps, LabN
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RFCs since IETF 109 Virtual
Drafts on RFC Queue With Missed References (1/2)

- The Tunnel Encapsulations OSPF Router Information draft-ietf-ospf-encapsulation-cap-09 – Waiting on draft-ietf-idr-tunnel-encaps-22.txt (AUTH48 state)
- YANG Data Model for OSPF Protocol - draft-ietf-ospf-yang-26 – Missing ietf-bfd.yang which is missing ietf-mpls.yang and draft-ietf-teas-yang-te.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 and draft-ietf-teas-yang-te.yang.
Drafts on RFC Queue With Missed References (2/2)


Drafts Completed or in WG Last Call (1/2)

- IS-IS Extension to Support Segment Routing over IPv6 Dataplane - draft-ietf-lsr-isis-srv6-extensions-11
  - WGLC Completed – Revised ID needed from AD Review
- IS-IS Extensions in Support of Inter-Autonomous System (AS) MPLS and GMPLS Traffic Engineering – draft-ietf-ls-isis-rfc5316bis
  - Currently in WG Last Call.
- OSPF Prefix Originator Extensions draft-ietf-lsr-ospf-prefix-originator-07
  - WGLC Completed - Revised ID needed from AD Review
Drafts Completed or in WG Last Call (2/2)

- YANG Module for IS-IS Reverse Metric - draft-ietf-lsr-yang-isis-reverse-metric-03
  - WG Last Call Completed
- IGP Flexible Algorithm - draft-ietf-lsr-flex-algo-14
  - WGLC Completed but another one is coming
  - Covered today
Drafts WG Last Call Ready?

- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-14
  - Authors believe ready for WG Last Call.
- YANG Data Model for IS-IS Segment Routing - draft-ietf-isis-sr-yang-10
  - Authors believe ready for WG Last Call.
- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-07
  - Authors believe ready for WG Last Call
- IGP extension for PCEP security capability support in the PCE discovery - draft-ietf-lsr-pce-discovery-security-support-04
  - Authors believe ready for WG Last Call
Existing WG Documents 1/2

- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-08
  - Implementations preceding
  - Ready for WG last call?
- OSPFv3 Extensions for SRv6 - draft-ietf-ospf-ospfv3-srv6-extensions-02
  - IS-IS SRv6 Extensions done and referenced by Flex Algo
  - Need authors to prioritize
- Area Proxy for IS-IS - draft-ietf-lsr-isis-area-proxy-05
  - Experimental track with early allocations
  - Implementation under way
- IS-IS Flood Reflection - draft-ietf-lsr-isis-flood-reflection-02
  - Experimental track with early allocations
- IS-IS TTZ - draft-ietf-lsr-isis-ttz-02.txt
  - Recently had a good review from Adrian Farrel
Existing WG Documents 2/2

- OSPF Reverse Metric - draft-ietf-lsr-ospf-reverse-metric-02 - Ready for WG Last Call?
- OSPF Strict-Mode for BFD - draft-ietf-lsr-ospf-bfd-strict-mode-02 - Ready for WG Last Call?
- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-01
  - 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-v1-03
  - Will include more augmentations
- IS-IS Extended Hierarchy - draft-ietf-lsr-isis-extended-hierarchy-03
  - Not priority right now
  - Seems to be significant enough that we’d like implementations to move standardise
New WG Documents

- Advertising L2 Bundle Member Link Attributes in OSPF - draft-ietf-lsr-ospf-l2bundles-00
- IGP Flexible Algorithms (Flex-Algorithm) in IP Networks – draft-ietf-lsr-ip-flexalgo-14
- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags-00
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-00
WG Document Adoption Call

Backlog (Adoption Requests)

- 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
  - Currently under discussion
  - Multiple test efforts planned
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-white-lsr-distoptflood-00
  - Currently under discussion but not concluded
Documents of Note in Other WGs

- LSR Extensions for BIER over Ethernet - draft-ietf-bier-lsr-ethernet-extensions-02
  - More BIER extensions to OSPF and IS-IS

- A YANG Model for MPLS MSD - draft-qu-mpls-mpls-msd-yang-00
  - Includes MSD previously in SR YANG Model