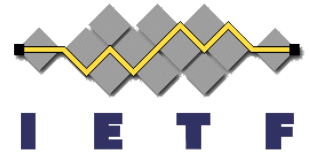


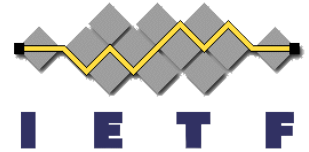
LSR WG Status

IETF 115, London

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:

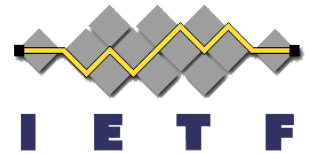
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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- ✦ [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)
- ✦ <https://www.ietf.org/privacy-policy/>(Privacy Policy)

RFCs Since IETF 114

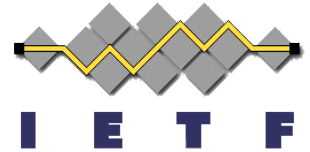
- RFC 9129 - YANG Data Model for OSPF Protocol
 - Covered in YANG Update Today
- RFC 9130 - YANG Data Model for IS-IS Protocol
 - Covered in YANG Update Today
- RFC 9194 - YANG Module for IS-IS Reverse Metric
 - Covered in YANG Update Today



Drafts on RFC Queue

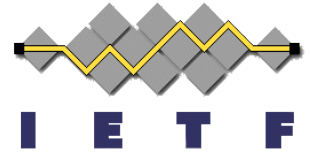
- IGP Flexible Algorithms (Flex-Algorithm) In IP Networks
draft-ietf-lsr-ip-flexalgo-26
- OSPF Strict-Mode for BFD - draft-ietf-lsr-ospf-bfd-strict-mode-10
- OSPF Reverse Metric - draft-ietf-lsr-ospf-reverse-metric-13
- Advertising Layer 2 Bundle Member Link Attributes in OSPF -
draft-ietf-lsr-ospf-l2bundles-10
- IS-IS Extensions in Support of Inter-Autonomous System (AS) MPLS
and GMPLS Traffic Engineering – draft-ietf-ls-isis-rfc5316bis-10
- IGP extension for PCEP security capability support in the PCE
discovery - draft-ietf-lsr-pce-discovery-security-support-13

Drafts on RFC Queue with Missed References



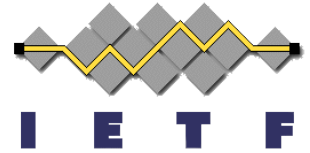
- IS-IS Extension to Support Segment Routing over IPv6 Dataplane - draft-ietf-lsr-isis-srv6-extensions-18
 - Missing reference to Flex Algorithm.

Drafts Completed WG Last Call



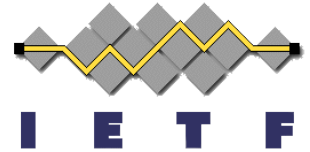
- IS-IS Flood Reflection - draft-ietf-lsr-isis-flood-reflection-11
 - Scheduled for IESG Telechat on 12/01
- OSPFv3 Extensions for SRv6 - draft-ietf-lsr-ospfv3-srv6-extensions-08
 - Needs AD Review
- Update to OSPF Terminology - draft-ietf-lsr-ospf-terminology-03
 - Publication Requested.
 - Needs RTGDIR Review

Drafts In WG Last Call



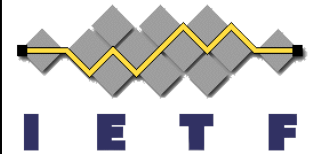
- IGP Flexible Algorithms – draft-ietf-lsr-ip-flexalgo-07
 - In second WG last call over revised version for OSPFv3.

Drafts WG Last Call Ready? (1/2)



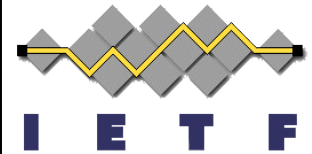
- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-18
 - Covered in YANG Update Today
- YANG Data Model for IS-IS SR (Segment Routing) Protocol - draft-ietf-isis-sr-yang-14
 - Covered in YANG Update Today
- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-12
 - Covered in YANG Update Today
- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags-06
 - Now includes YANG augmentations

Drafts WG Last Call Ready? (2/2)



- IS-IS Fast Flooding – draft-ietf-lsr-isis-fast-flooding-01
 - Implementation preceding
 - Ready for WG Last Call?
- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-11
 - Implementations preceding but targeting Experimental
 - WG Last Call?
- IS-IS Application-Specific Link Attributes – draft-ietf-lsr-rfc8919bis-00
 - Clarifications and corrections to existing document
- OSPF Application-Specific Link Attributes – draft-ietf-lsr-rfc8920bis
 - Clarifications and correction to existing document

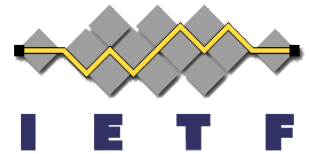
Existing WG YANG Documents



- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-09
 - Covered in YANG Update Today
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-04
 - Covered in YANG Update Today
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-02
 - Covered in YANG Update Today
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-02
 - Covered in YANG Update Today

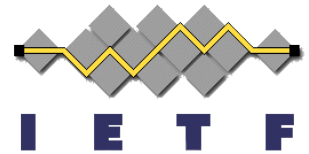
Existing WG Documents

(1/3)



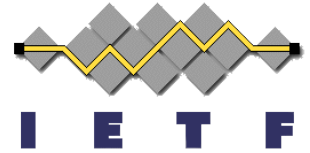
- Using IS-IS Multi-Topology (MT) for Segment Routing based Virtual Transport Network - draft-ietf-lsr-isis-sr-vtn-mt-03
- Flexible Algorithms: Bandwidth, Delay, Metrics and Constraints - draft-ietf-lsr-flex-algo-bw-con-03
 - Adds to Flex Algo
- Algorithm Related IGP-Adjacency SID Advertisement - draft-ietf-lsr-algorithm-related-adjacency-sid-03
 - Adds to Flex Algo
- OSPF-GT Generalized Transport - draft-ietf-lsr-ospf-transport-instance-03 – Control plane segmentation of non-routing data.
 - Update Today

Existing WG Documents (2/3)



- 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
- 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-06
 - No changes.

Existing WG Documents (3/3)



- Using IS-IS Multi-Topology (MT) for Segment Routing based Virtual Transport Network – draft-ietf-lsr-isis-sr-vtn-mt-03