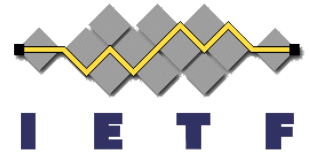


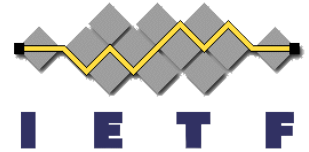
LSR WG Status

IETF 119, Brisbane

Acee Lindem, LabN
Chris Hopps, LabN
Yingzhen Qu, Futurewei



Note Well



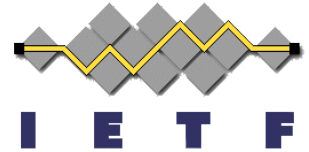
This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read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

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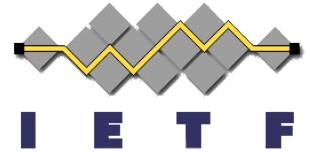
Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- ✎ [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 118

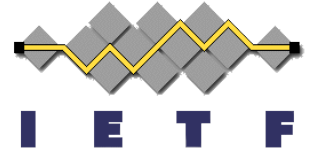
- RFC 9502 – IGP Flexible Algorithm in IP Networks
- RFC 9513 – OSPFv3 Extensions for Segment Routing over IPv6 (SRv6)



Drafts on RFC Queue

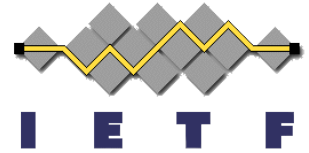
- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-29
- Area Proxy for IS-IS - draft-ietf-lsr-isis-area-proxy-12
 - Experimental Status

Drafts Submitted to IESG



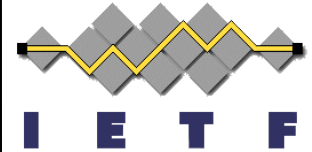
- IS-IS Fast Flooding – draft-ietf-lsr-isis-fast-flooding-07, IESG telechat 2024-04-04
- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-14, Revised I-D Needed (LC review comments to be addressed)
 - Experimental Status

Drafts Adopted/Under Adoption



- Prefix Flag Extension for OSPFv2 and OSPFv3 – draft-ietf-lsr-ospf-prefix-extended-flags
- Multi-part TLVs in IS-IS – draft-ietf-lsr-multi-tlv
 - Update today
- Advertising Unreachable Links in OSPF
- “Updates to Anycast Property Advertisement for OSPFv2” (Under Adoption)

WGLC Closed



- draft-ietf-lsr-isis-sr-vtn-mt

The WGLC was closed on Jan 24, 2024. The WG has reached consensus to publish this informational draft as a lower-scale mechanism for deployment of NRPs using IS-IS MT.

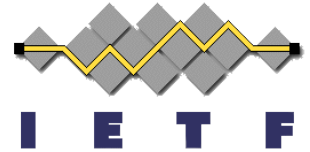
However, the following two documents, which are normative references, need to progress in the SPRING WG before submitting draft-ietf-isis-lsr-isis-sr-vtn-mt for publication.

[draft-ietf-spring-resource-aware-segments-08 - Introducing Resource Awareness to SR Segments](#)

[draft-ietf-spring-sr-for-enhanced-vpn-07 - Segment Routing based Network Resource Partition \(NRP\) for Enhanced VPN](#)

- draft-ietf-lsr-flex-algo-bw-con – Shepherd’s comments addressed in -08 version. WG Last Class extended to give people time to look at new version.

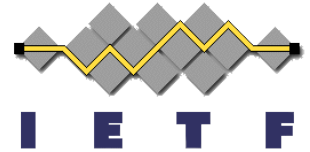
Drafts WG Last Call Ready. (1/2)



- YANG Data Model for IS-IS SR (Segment Routing) Protocol - draft-ietf-isis-sr-yang-16
 - YANG Doctor LC review comments addressed
- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-21
 - YANG Doctor LC review comments addressed
 - Now dependent on “YANG Model for OSPFv3 Extended LSAs” but includes SR MPLS extensions for both OSPFv2 and OSPFv3

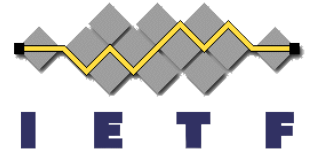
WG Last Call Coming!

Drafts WG Last Call Ready? (2/2)



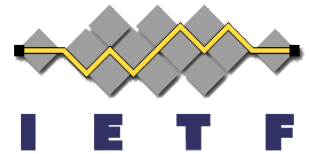
- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags-16
 - Addressed comments
 - Ready for WG last call but lower priority than the others
- Algorithm Related IGP-Adjacency SID Advertisement - draft-ietf-lsr-algorithm-related-adjacency-sid-05
 - Adds to Flex Algo
 - Also has been WG document for some time

Existing WG YANG Documents



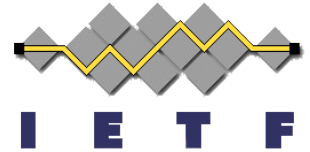
- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-12
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-07
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-05
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-05

Existing WG Documents (1/2)



- IGP Flexible Algorithms Reverse Affinity Constraint - draft-ietf-lsr-igp-flex-algo-reverse-affinity-01
- OSPF-GT Generalized Transport - draft-ietf-lsr-ospf-transport-instance-06 – Control plane segmentation of non-routing data.
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-ietf-lsr-distoptflood-03
- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-09
- IS-IS Topology-Transparent Zone - draft-ietf-lsr-isis-ttz-08

Existing WG Documents (2/2)



- IGP Unreachable Prefix Announcement draft-ietf-lsr-igp-ureach-prefix-announce-01