

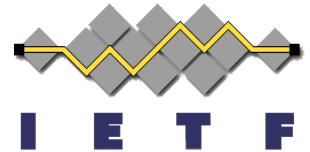
LSR WG Status

IETF 121, Dublin

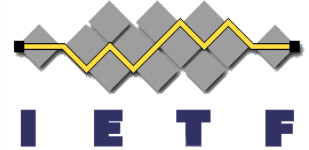
Acee Lindem, LabN

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.

As a reminder:

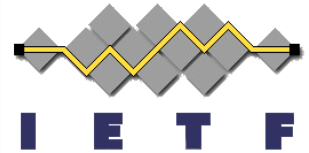
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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- ☒ [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 120

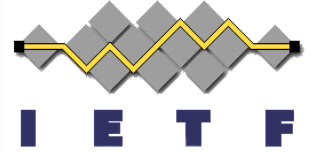
- RFC 9650 – Revision to Registration Procedures for IS-IS Neighbor Link-Attribute Bit Values
- RFC 9666 - Area Proxy for IS-IS
- RFC 9667 - Dynamic Flooding on Dense Graphs



Drafts on RFC Edit Queue

- IS-IS Fast Flooding – draft-ietf-lsr-isis-fast-flooding-11
 - Experimental Status RFC-to-be 9681

Drafts Submitted to IESG



- Flexible Algorithms: Bandwidth, Delay, Metrics and Constraints - [draft-ietf-lsr-flex-algo-bw-con](#)

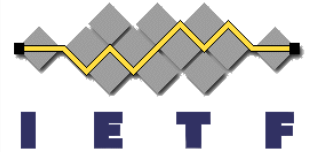
Drafts Adopted

- YANG Data Model for ISIS PICS
 - draft-ietf-lsr-isis-pics-yang
 - draft-ietf-lsr-isis-pics-srmpis-yang
 - draft-ietf-lsr-isis-pics-l2member-attr-yang

WGLC Closed

- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags
 - Pending shepherd write-up.
- Multi-part TLVs in IS-IS - draft-ietf-lsr-multi-tlv
 - Ready to be submitted

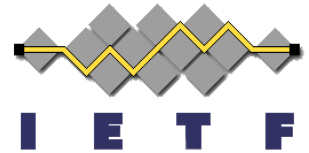
Drafts WG Last Call Ready? (1/2)



- YANG Data Model for IS-IS SR (Segment Routing) Protocol - draft-ietf-isis-sr-yang-22
 - YANG Doctor LC review comments addressed
- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-31
 - YANG Doctor LC review comments addressed

WG Last Call Coming!

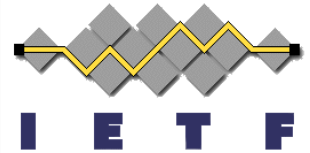
Drafts WG Last Call Ready? (2/2)



- Algorithm Related IGP-Adjacency SID Advertisement - draft-ietf-lsr-algorithm-related-adjacency-sid-07
 - Adds to Flex Algo
 - Also has been WG document for some time
 - No change since IETF 120

WG Last Call Coming!

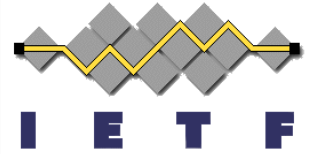
Existing WG YANG Documents



- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-13
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-08
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-06
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-06

Existing WG Documents

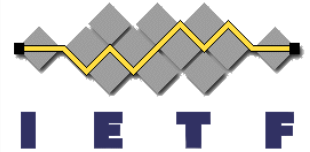
(1/2)



- IGP Flexible Algorithms Reverse Affinity Constraint - draft-ietf-lsr-igp-flex-algo-reverse-affinity-03
 - No change since IETF 120
- OSPF-GT Generalized Transport - draft-ietf-lsr-ospf-transport-instance-07 – Control plane segmentation of non-routing data.
 - No change since IETF 120
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-ietf-lsr-distoptflood-07
 - On agenda
- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-09
 - Expired in August 2024
- IS-IS Topology-Transparent Zone - draft-ietf-lsr-isis-ttz-09
 - Expired in September 2024

Existing WG Documents

(2/2)

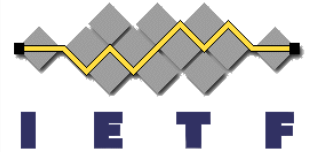


- IGP Unreachable Prefix Announcement draft-ietf-lsr-igp-ureach-prefix-announce-03
 - The authors have requested WGLC
- Advertising Infinity Links in OSPF - draft-ietf-lsr-ospf-ls-link-infinity-01
 - Editorial changes since IETF 120
- Prefix Flag Extension for OSPFv2 and OSPFv3 – draft-ietf-lsr-ospf-prefix-extended-flags-03
 - Minor editorial changes since IETF 120
- Updates to Anycast Property advertisement for OSPFv2 – draft-ietf-lsr-anycas-flag-01
 - No change since IETF 120

Ready for Adoption?

- IGP Flexible Algorithm with Link Loss
 - [draft-wang-lsr-flex-algo-link-loss-03 - IGP Flexible Algorithm with Link Loss \(ietf.org\)](#)
- IGP Reverse Metric Algorithm
 - [draft-ppsenak-lsr-igp-reverse-spf-algo-00 - IGP Reverse Metric Algorithm \(ietf.org\)](#)

Agenda



1.09:30

Meeting Administrivia and WG Update

Chairs (10 mins)

2.09:40

Advertising Infinity Links in OSPF

Liyan Gong (10 mins)

3.09:50

Flexible Algorithms Exclude Node

Liyan Gong/ Changwang Lin (10 mins)

4.10:00

IS-IS Distributed Flooding Reduction

Tony P (10 mins)

5.10:10

Optional IS-IS Fragment Timestamping

Tony P (10 mins)

6.10:20

IGP Flex Soft Dataplane

Peter Psenak (15 mins)

7.10:35

Source Prefix Advertisement for Intra-domain SAVNET

Lancheng Qin (10 mins)

8.10:45

Intra-domain SAVNET Support via IGP

Shengnan Yue

9.10:55

Open Discussions