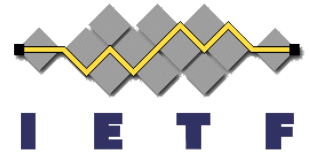


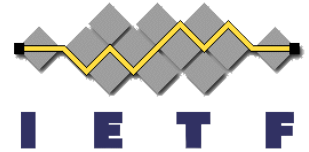
# LSR WG Status

## IETF 118, Prague

Acee Lindem, LabN  
Chris Hopps, LabN



# Note Well



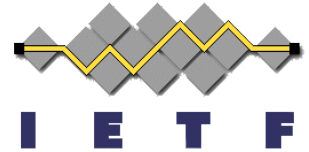
This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read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

As a reminder:

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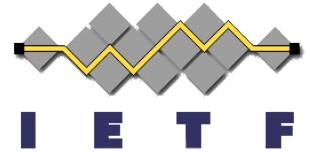
Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- ✎ [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 118

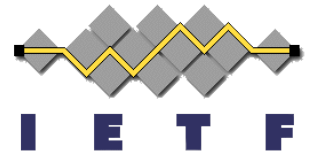
- RFC 9454 - “Update to OSPF Terminology”
- RFC 9479 - “IS-IS Application-Specific Link Attributes”
- RFC 9492 - “OSPF Application-Specific Link Attributes”



# Drafts on RFC Queue

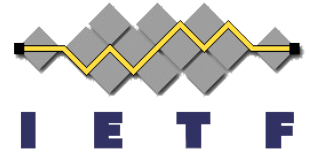
- “IGP Flexible Algorithms (Flex-Algorithm) In IP Networks”  
- draft-ietf-lsr-ip-flexalgo-17
- “OSPFv3 Extensions for SRv6” - draft-ietf-lsr-ospfv3-srv6-extensions-15

# Drafts Awaiting AD Review



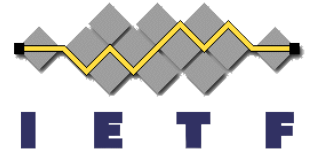
- YANG Model for OSPFv3 Extended LSAs - draft-ietf-lsr-ospfv3-extended-lsa-yang-23
- IS-IS Fast Flooding – draft-ietf-lsr-isis-fast-flooding-04
- Area Proxy for IS-IS - draft-ietf-lsr-isis-area-proxy-09
  - Experimental Status
- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-14
  - Experimental Status

# Drafts WG Last Call Ready. (1/2)



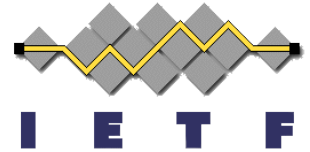
- YANG Data Model for IS-IS SR (Segment Routing) Protocol - draft-ietf-isis-sr-yang-16
  - One WG Last Call completed and comments addressed
- YANG Data Model for OSPF SR (Segment Routing) Protocol - draft-ietf-ospf-sr-yang-21
  - WG Last Call Coming
  - Now dependent on “YANG Model for OSPFv3 Extended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

# Drafts WG Last Call Ready? (2/2)



- Extensions to OSPF for Advertising Prefix Administrative Tags - draft-ietf-lsr-ospf-admin-tags-09
  - Ready for WG last call but lower priority than the others
- Flexible Algorithms: Bandwidth, Delay, Metrics and Constraints - draft-ietf-lsr-flex-algo-bw-con-07
  - Adds to Flex Algo
  - Has been WG document for some time
- 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
- Using IS-IS Multi-Topology (MT) for Segment Routing based Virtual Transport Network - draft-ietf-lsr-isis-sr-vtn-mt-05

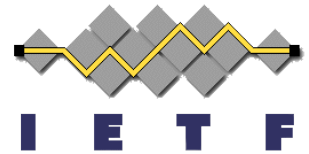
# Existing WG YANG Documents



- OSPF YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-11
- IS-IS YANG Model Augmentations for Additional Features - Version 1 - draft-ietf-lsr-isis-yang-augmentation-v1-06
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-04
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-04

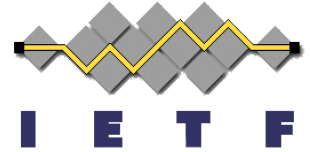


# Existing WG Documents (1/2)



- 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-05 – Control plane segmentation of non-routing data.
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-ietf-lsr-distoptflood-02
- Flooding Topology Minimum Degree Algorithm - draft-ietf-lsr-flooding-topo-min-degree-07
- 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