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IETF 125 LSR WG Status

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Internet Engineering Task Force
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- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to join the queue, show hands
- *Keep audio and video off if not using the onsite version.*

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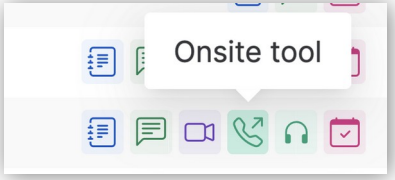
- Make sure your audio and video are off unless you are chairing or presenting during a session.
- Use of a headset is strongly recommended.



All participants

- State your name each time you begin speaking in the queue

Administrivia

- Collaborative minutes
  https://notes.ietf.org/notes-ietf-125-lsr

- Join the queue via meetecho for questions
- Please state your name and affiliation before speaking

RFCs since IETF 124

- RFC 9902 - A YANG Data Model for IS-IS Segment Routing for the MPLS Data Plane
- RFC 9903 - A YANG Data Model for OSPF Segment Routing for the MPLS Data Plane
- RFC 9917 - IGP Flexible Algorithms Reverse Affinity Constraint
- RFC 9929 - IGP Unreachable Prefix Announcement

Drafts on RFC Edit Queue

- OSPFv2 Anycast Property Advertisement – draft-ietf-lsr-anycast-flag

Drafts Submitted to IESG

- draft-ietf-lsr-ospf-ls-link-infinity-21

  Advertising Unreachable Links in OSPF – IESG telechat: 2026-03-05
- draft-ietf-lsr-isis-flex-algo-yang-05

  YANG Data Model for IS-IS Application-Specific Link Attributes and Flexible Algorithm – AD Evaluation
- draft-ietf-lsr-ospf-flex-algo-yang-05

  YANG Data Model for OSPF Application-Specific Link Attributes and Flexible Algorithm – AD Evaluation

Drafts Adopted

- IGP Flooding Reduction Algorithms Framework - draft-ietf-lsr-flood-reduction-arch

Ready for WGLC?

- draft-ietf-lsr-dynamic-flooding-algorithm - An Algorithm for Computing Dynamic Flooding Topologies
  - experimental or informational?

Ready for adoption?

- IGP Reverse Prefix Metric - draft-li-lsr-igp-reverse-prefix-metric
- IGP Flexible Algorithm with Link Packet Loss - draft-wang-lsr-flex-algo-link-loss

Existing WG YANG Documents

- OSPF YANG Model Augmentations for Additional Features – Release 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-18
- IS-IS YANG Model Augmentations for Additional Features - Release 1 - draft-ietf-lsr-isis-yang-augmentation-v1-11
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-09
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-09
- YANG Data Model for IS-IS Protocol Implementation Conformance Statement (PICS)
  - draft-ietf-isis-pics-yang
  - draft-ietf-isis-pics-srmpls-yang
  - draft-ietf-isis-pics-l2mbmber-attr-yang

Existing WG Documents

- Algorithm Related IGP-Adjacency SID Advertisement - draft-ietf-lsr-algorithm-related-adjacency-sid-08
- OSPF-GT Generalized Transport - draft-ietf-lsr-ospf-transport-instance-10 – Control plane segmentation of non-routing data.
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-ietf-lsr-distoptflood-13
- Advertisement of Remote Interface Identifiers for Layer 2 Bundle Members - draft-ietf-lsr-l2-bundle-member-remote-id-01
- IGP Reverse Metric Algorithm - draft-ietf-lsr-igp-reverse-spf-algo-01
- Applicability of IS-IS Multi-Topology (MT) for Segment Routing based Network Resource dPartition (NRP) - draft-ietf-lsr-isis-sr-vtn-mt
  - Dependency on draft-ietf-spring-resource-aware-segments – in AD Evaluation
  - Dependency on draft-ietf-spring-sr-for-enhanced-vpn – WG doc

Agenda

1. **Meeting Administrivia and WG Update**
   Chairs (10 mins)
2. **Advertisement of Remote Interface Identifiers for Layer 2 Bundle Members**
   Liyan Gong (10 mins)
3. **LSR YANG Models Updates**
   Yingzhen Qu (10 mins)
4. **IGP Flooding Reduction Algorithms Framework**
   Tony P (10 mins)
5. **A Power Conserving Path Placement Strategy (PCPPS)**
   Tony Li (15 mins)
6. **Advertising IGP Measurement Group using TLV**
   Derek Yeung (15 mins)
7. **ISIS Hierarchical SNPs**
   Tony P (10 mins)
8. **IGP Extensions for Sub-interface Relationship Information**
   Li Zhang (10 mins)