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IETF 127 LSR WG Status

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Internet Engineering Task Force
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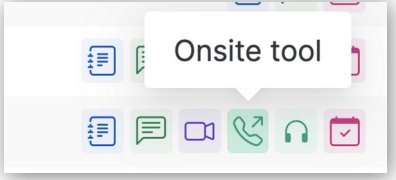
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- Use of a headset is strongly recommended.



All participants

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

Administrivia

- Collaborative minutes
  https://notes.ietf.org/notes-ietf-127-lsr

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

RFCs since IETF 126

- RFC 10041 - Advertising Unreachable Links in OSPF

Drafts on RFC Edit Queue

- draft-ietf-lsr-dynamic-flooding-algorithm

  An Algorithm for Computing Dynamic Flooding Topologies
- draft-ietf-lsr-isis-flex-algo-yang

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

  YANG Data Model for OSPF Application-Specific Link Attributes and Flexible Algorithm
- draft-ietf-lsr-l2-bundle-member-remote-id-12

  Advertisement of Remote Interface Identifiers for Layer 2 Bundle Members

Drafts Submitted to IESG

- None

Drafts Adopted

- IGP Encoding for SRv6 Mirror SID in Egress Protection - draft-ietf-lsr-srv6-mirror-sid-igp-encoding
- IS-IS Support For The Power Conserving Path Placement Strategy (PCPPS) - draft-ietf-lsr-pcpps (on agenda today)

Ready for WGLC?

- 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

Ready for adoption?

- IGP Reverse Prefix Metric - draft-li-lsr-igp-reverse-prefix-metric

  Will start adoption call after 127. Any objection?

Existing WG YANG Documents

- OSPF YANG Model Augmentations for Additional Features – Release 1 - draft-ietf-lsr-ospf-yang-augmentation-v1-19
- IS-IS YANG Model Augmentations for Additional Features - Release 1 - draft-ietf-lsr-isis-yang-augmentation-v1-12
- YANG Data Model for IS-IS SRv6 - draft-ietf-lsr-isis-srv6-yang-10
- YANG Data Model for OSPF SRv6 - draft-ietf-lsr-ospf-srv6-yang-10
- 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-09 No change between 08 and 09 Ready for WGLC?
- OSPF-GT Generalized Transport - draft-ietf-lsr-ospf-transport-instance-11 – Control plane segmentation of non-routing data.
- IS-IS Optimal Distributed Flooding for Dense Topologies - draft-ietf-lsr-distoptflood-14
- IGP Flooding Reduction Algorithms Framework - draft-ietf-lsr-flood-reduction-arch-03 IANA early allocation
- IGP Reverse SPF Algorithm - draft-ietf-lsr-igp-reverse-spf-algo-03
- IGP Flex Soft Dataplane - draft-ietf-lsr-flex-soft-dataplane-02
- Applicability of IS-IS Multi-Topology (MT) for Segment Routing based Network Resource Partition (NRP) - draft-ietf-lsr-isis-sr-vtn-mt. Dependencies:
  - draft-ietf-spring-resource-aware-segments – Submitted to IESG for Publication
  - draft-ietf-spring-sr-for-enhanced-vpn – WG doc

Agenda

- IS-IS Support For The Power Conserving Path Placement Strategy (PCPPS)
  Ron Bonica (10 mins)
- IGP Measurement Group Update
  Acee Lindem (10 mins)
- OSPFv3 IPsec Authentication Deprecation
  Acee Lindem (10 mins)
- IS-IS Hello Capability
  Les Ginsberg (10 mins)
- IS-IS Reliable SNP
  Les Ginsberg (15 mins)
- Retransmission Indication for IS-IS Fast Flooding
  Tony Przygienda (10 mins)
- IS-IS Aggregated SNP Hash Packets (ASH)
  Tony Przygienda (10 mins)
- IS-IS Originator Sequence Number Checksum TLV (ONC/OGID)
  Tony Przygienda (10 mins)
- IS-IS Database Fingerprinting
  Tony Przygienda (5 mins)
- Detection of Router-ID Conflicts in IGP
  Liyan Gong / Changwang Lin (10 mins)
- Metric Normalize for IGP Flex-Algo
  Liyan Gong (5 mins)
- Discussion Buffer

❖ If Time Permits:
  Export of IGP Algorithm Information in IPFIX
  Yao Liu (5 mins)