

LSR YANG UPDATE

Yingzhen Qu

On behalf of all co-authors

IETF 115 LSR

Published!

**RFC 9129
YANG DATA MODEL FOR
THE OSPF PROTOCOL**

**RFC 9130
YANG DATA MODEL FOR
THE IS-IS PROTOCOL**

**RFC 9134
YANG MODULE FOR IS-
IS REVERSE METRIC**



This Photo by Unknown Author is licensed under [CC BY-NC-ND](#)

OSPF and ISIS SR YANG

draft-ietf-isis-sr-yang

- Finished YANG Doctor Last Call review
- Next-steps:
 - Routing Directorate LC review
 - WG LC

draft-ietf-ospf-sr-yang

- YANG Doctor Last Call review
- Routing Directorate LC review
- WG LC

draft-acee-lsr-ospfv3-sr-yang

- WG adoption call

YANG Model for OSPFv3 Extended LSAs

draft-ietf-lsr-ospfv3-extended-lsa-yang:

- Ready for WG LC
- Next steps:
 - YANG Doctor review
 - Routing Directorate review
- WGLC

Experimental: Extensions to OSPF for Advertising Prefix Administrative Tags

- *draft-ietf-ospf-admin-tags: protocol extension and the corresponding YANG module are in one draft.*
- Next steps:
 - YANG Doctor review
 - Routing Directorate review
- WGLC

OSPF YANG Model Augmentations for Additional Features – Version 1

- RFC5329: Traffic engineering Extensions to OSPF Version 3
- RFC8042: OSPF Two-Part Metric
- RFC8379: OSPF Graceful Link Shutdown
- RFC8510: OSPF Link-Local Signaling (LLS) Extensions for Local Interface ID Advertisement
- RFC8920: OSPF Application-Specific Link Attributes
- RFCxxxx: IGP Flexible Algorithm

IS-IS YANG Model Augmentations for Additional Features – Version 1

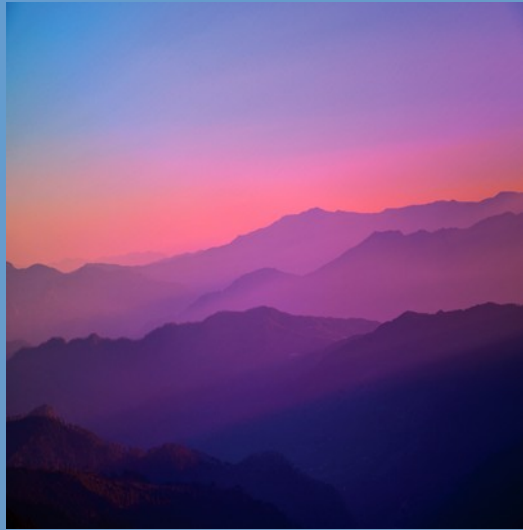
- RFC7987: IS-IS Minimum Remaining Lifetime
- RFC8919: IS-IS Application-Specific Link Attributes
- RFCxxxx: IGP Flexible Algorithm
- RFC8941: Signaling Maximum SID Depth (MSD) using IS-IS

OSPF and ISIS SRv6 YANG

draft-ietf-lsr-ospf-srv6-yang

draft-ietf-lsr-isis-srv6-yang

- Back burner



Summary of Sequence

draft-ietf-isis-sr-yang

draft-ietf-ospf-sr-yang

draft-ietf-lsr-ospfv3-extended-lsa-yang

draft-acee-lsr-ospfv3-sr-yang

draft-ietf-isis-yang-augmentation-v1

draft-ietf-ospf-yang-augmentation-v1

draft-ietf-isis-srv6-yang

draft-ietf-ospf-srv6-yang

+



o



.



THANK YOU