OSPF WG Status
IETF 98, Chicago

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RFCs Since Seoul

- RFC 8042 – OSPF Two-Part Metric
- RFC 8099 – OSPF Topology Transparent Zone (TTZ)
OSPFv2 Segment Routing Extensions – draft-ietf-ospf-segment-routing-routing-extensions-12 (Update with OSPFv3 Segment Routing today)

Should be ready for a WG Last Call
Working Group Last Call

- OSPF Entropy Label Advertisement - draft-ietf-ospf-mpls-elc-04
  - Discussions this week on underlying MPLS support
Drafts Close to WG Last Call

- OSPF YANG Model – Update Today
- OSPF Link Overload - draft-ietf-ospf-link-overload-05
  - Open question on remote IP address for link as matching parallel IP links is a general problem
- OSPF with Cross-AF TE - OSPF Routing with Cross-Address Family MPLS Traffic Engineering Tunnels
  - Simple extension and an existing implementation
Drafts Close to WG Last Call

- OSPF Tunnel Encap Advertisement - draft-ietf-ospf-encapsulation-cap-01
  - Rough consensus on use cases
  - Fairly straightforward
Drafts which should be WG Last Called Soon

- H-Bit Support for OSPFv2 – draft-ietf-ospf-ospfv3-hbit-01
  - Functionality which comes up periodically. Need to get new editor and WG last call.

- OSPF Extensions to Support Maximally - Redundant Trees draft-ietf-ospf-mrt-02
  - Base protocols documents published
  - Expired draft
Active WG Documents

- OSPFv3 Extended LSAs – May be an implementation.
- OSPFv3 Segment Routing Extensions – Update today
- OSPF SR YANG – Broken out from base OSPF YANG Model
  - WG Last Calling base model is priority
  - Base SR Arch/IGPs and SR YANG model moving forward but not as mature as base OSPF model
Active WG Documents

- OSPF Flow Spec – draft-ietf-ospf-flowspec-extensions-01
  - Need update as it has expired.
- OSPF MSD Signaling - draft-ietf-ospf-segment-routing-msd-02
  - Dependent on MPLS discussion
Other WG Documents

- OSPF BIER – draft-ietf-bier-ospf-bier-extensions-05.txt
- Multiple CCAMP documents - Enhancements to GMPLS TE Encodings for Optical Networks
Ongoing Discussions

- **OSPF Advertisement for multiple applications**
  - OSPFv2 Link Traffic Engineering (TE) Attribute Reuse - draft-ppsenak-ospf-te-link-attr-reuse-04.txt
  - Advertising TE protocols in OSPF - draft-hegde-ospf-advertising-te-protocols-00

- **OSPF MaxAge Protection**
  - OSPF LSA Flushing Problem Statement - draft-dong-ospf-maxage-flush-problem-statement-01
  - LSA Flushing Problem Mitigation in OSPF Networks - draft-dong-ospf-flush-mitigation-00