

# 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)

# Re-Working Group Last Call



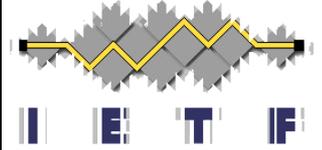
- OSPFv2 Segment Routing Extensions – draft-ietf-ospf-segment-routing-extensions-12 (Update with OSPFv3 Segment Routing today)
  - Should be ready for a WG Last Call

# Working Group Last Call



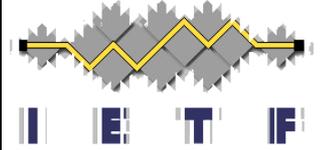
- OSPF Entropy Label Advertisement - draft-ietf-ospf-mpls-elc-04
  - Discussions this week on underlying MPLS support

# Drafts Close to WG Last Call



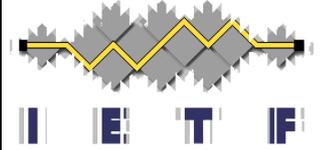
- OSPF YANG Model – Update Today
- OSPF Link Overload - draft-ietf-ospf-link-overload-05
  - Open question on remote IP address for link as matching parallel IP links is a general problem
- OSPF with Cross-AF TE - OSPF Routing with Cross-Address Family MPLS Traffic Engineering Tunnels
  - Simple extension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

# Drafts Close to WG Last Call



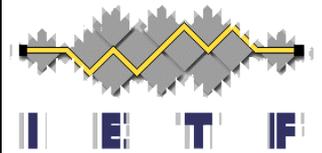
- OSPF Tunnel Encap Advertisement - draft-ietf-ospf-encapsulation-cap-01
  - Rough consensus on use cases
  - Fairly straightforward

# 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