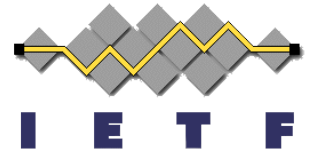


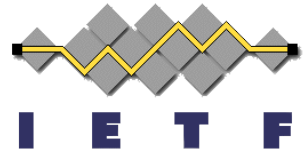
# OSPF WG Status

## IETF 100, Singapore

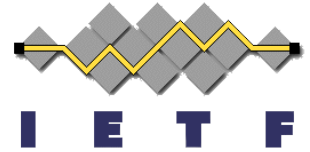
Abhay Roy, Cisco  
Acee Lindem, Cisco



# RFCs Since Prague

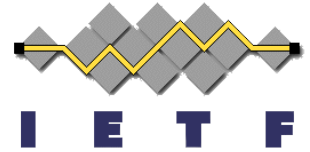


# RFC Queue



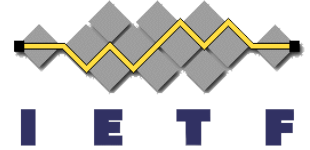
- OSPF Tunnel Encapsulation
  - Waiting on draft-idr-tunnel-encaps

# Submitted to IESG



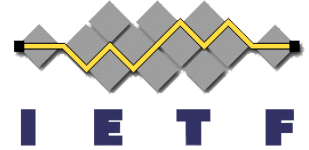
- OSPFv2 Segment Routing Extensions – draft-ietf-ospf-segment-routing-extensions-21
  - AD comments addressed by authors
  - Waiting on AD to send to IESG
  - IANA Registry Discussion resulted in shared IGP Algorithms Registry.

# Working Group Last Call Completed



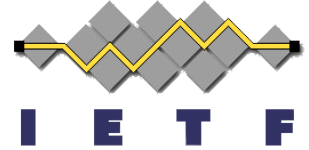
- OSPFv3 Extended LSAs - draft-ietf-ospf-ospfv3-lsa-extend-17.txt
  - Working Group Last Call Just Completed

# Drafts Close to WG Last Call



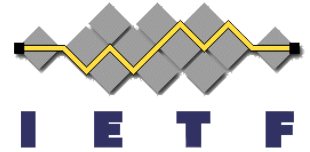
- OSPF Link Overload - draft-ietf-ospf-link-overload-09
  - OSPFv3 Extended LSA Reference to be added back
  - Will WG Last Call next version
- OSPFv2 H-Bit
  - Long-standing specification problem solved for OSPFv2
  - Last call delayed due to other WG discussions.

# Drafts Close to WG Last Call



- OSPF MSD Signaling - draft-ietf-ospf-segment-routing-msd-05
  - Some discussion of incorporating additional capabilities
  - Request from authors needed
- OSPF YANG Model - draft-ietf-ospf-yang-09
  - Fully transformed to NDMA – now augments RFC 8022 BIS ietf-routing model
  - Early YANG Doctor Review Requested

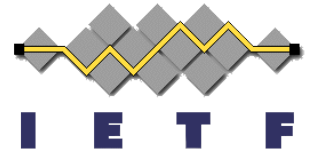
# Drafts which should be WG Last Called Soon



- OSPF Extensions to Support Maximally - Redundant Trees draft-ietf-ospf-mrt-03
  - Base protocols documents published
  - Authors should request WG Last Call if ready
- OSPF with Cross-AF TE - OSPF Routing with Cross-Address Family MPLS Traffic Engineering Tunnels
  - Simple extension and an existing implementation



# Active WG Documents



- OSPFv3 Segment Routing Extensions – OSPFv2 Segment Routing publication is priority
- OSPF TE Attribute Reuse
  - Lots of discussion in Prague and afterwards
  - Now WG document
- OSPF Interface ID LLS
  - Update today
- OSPF SR YANG – Broken out from base OSPF YANG Model
  - WG Last Calling base model is priority

# Expired WG Documents

- Signaling Entropy Label Capability with OSPF
  - Need update based on Chicago Entropy Label side-meeting
  - Would be a shame not to publish after all the multi-WG discussions and effort.
- OSPF Flow Spec – draft-ietf-ospf-flowspec-extensions-01
  - Appears to be limited interest in deployment and publication
  - Would NOT be a shame not to publish

# Other WG Documents



- Data Center BOF – OSPF flooding reduction drafts and possible OSPF application of IS-IS flooding reductions.
- OSPF BIER – draft-ietf-bier-ospf-bier-extensions-09.txt
  - WG Last Call comments addressed
- Multiple CCAMP documents - Enhancements to GMPLS TE Encodings for Optical Networks
  - GMPLS TE LSAs not for usage in general IP networks