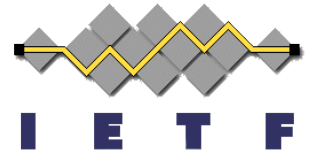
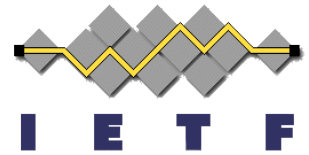


# LSR WG Status

## IETF 104, Prague

Acee Lindem, Cisco  
Chris Hopps, LabN

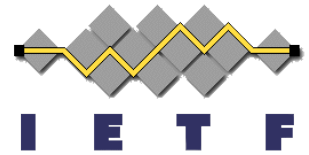




# RFCs Since Bangkok

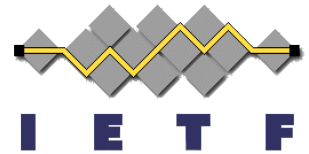
- RFC 8444 - OSPFv2 Extensions for Bit Index Explicit Replication (BIER) – BIER WG Document
- RFC 8476 – Signaling Maximum SID Depth (MSD) using OSPF
- RFC 8491 – Signaling Maximum SID Depth (MSD) using ISIS
- RFC 8500 – IS-IS with Reverse Metric
- RFC 8510 - OSPF Link-Local Signaling (LLS) Extensions for Local Interface ID Advertisement
- RFC 8570 – RFC 7810 Correction of IS-IS TE Metric Extensions encoding

# Drafts on RFC Queue With Missed References



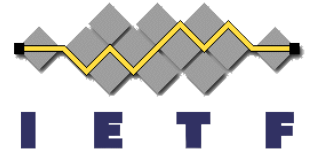
- Advertising L2 Bundle Member Link Attributes in IS-IS - draft-ietf-isis-l2bundles-07.txt – Waiting on ISIS SR Extensions.
- The Tunnel Encapsulations OSPF Router Information draft-ietf-ospf-encapsulation-cap-09 – Waiting on IDR Tunnel Encap Draft (To be presented in IDR)
- OSPF Extensions for Segment Routing - draft-ietf-ospf-segment-routing-extensions-27 - Waiting on “Segment Routing with MPLS Data Plane” and “Segment Routing InterOp with LDP”
- OSPFv3 Extensions for Segment Routing - draft-ietf-ospf-ospfv3-segment-routing-extensions-23 – Also waiting on same drafts.

# Drafts in AD Review Process



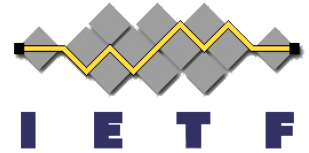
- H-bit Support for OSPFv2 draft-ietf-ospf-ospfv2-hbit-06 – Waiting on authors for revised update for simple comments for over 100 days!
- IS-IS Extensions for Segment Routing draft-ietf-isis-segment-routing-extensions-22 – Comments recently provided and revised ID required
- YANG Data Model for OSPF Protocol - draft-ietf-ospf-yang-21 – Waiting on AD Review
- YANG Data Model for IS-IS Protocol - draft-ietf-isis-yang-isis-cfg-35 – Waiting on AD Review
- OSPF Routing with Cross-Address Family Traffic Engineering Tunnels - draft-ietf-ospf-xaf-te-05 – Publication just requested.

# Drafts in WG Last Call



- Restart Signaling for IS-IS - draft-ietf-lsr-isis-rfc5306bis-01

# Drafts Ready for WG Last Call



- IS-IS TE Attributes per application - draft-ietf-isis-te-app-05.txt
- OSPF Link Traffic Engineering (TE) Attribute Reuse - draft-ietf-ospf-te-link-attr-reuse-06.txt

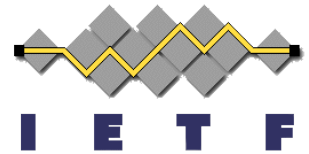
# Old WG Documents

- Signaling Entropy Label Capability and Entropy Readable Label Depth Using - IS-IS draft-ietf-isis-mpls-elc-06
  - Need to update to include pre-prefix ELC encodings for external prefixes
  - Need protocol agnostic BGP-LS encoding
- Signaling Entropy Label Capability and Entropy Readable Label-stack Depth Using OSPF - draft-ietf-ospf-mpls-elc-07
  - Need to update to include pre-prefix ELC encodings for external prefixes
  - Need protocol agnostic BGP-LS encoding

# Old WG Documents

- IGP Flexible Algorithm draft-ietf-lsr-flex-algo-01.txt
  - Implementations preceding
  - Need protocol-agnostic BGP-LS encodings
- YANG Data Model for OSPF SR (Segment Routing) Protocol draft-ietf-ospf-sr-yang-07
  - Increased focus now that base document is in AD review
- YANG Data Model for IS-IS Segment Routing draft-ietf-isis-sr-yang-05
  - Increased focus now that base document is in AD review





# New WG Documents

- Dynamic Flooding on Dense Graphs - draft-ietf-lsr-dynamic-flooding-00
- IS-IS Routing for Spine-Leaf Topology - draft-ietf-lsr-isis-spine-leaf-ext-01
- OSPF Extension for Prefix Originator - draft-ietf-lsr-ospf-prefix-originator-00
- IGP extension for PCEP security capability support in the PCE discovery - draft-ietf-lsr-pce-discovery-security-support-00