

IS-IS WG

IETF-91 Honolulu

Chris Hopps chopps@rawdofmt.org

Hannes Gredler hannes@juniper.net

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Agenda

Friday, November 14th, 11:50am - 13:20pm

- ** 3m - Intro, Adminstriva, Document Status
- ** 10m (13m) - YANG Data Model for ISIS protocol
- ** 7m (20m) - IS-IS Extensions for Segment Routing
- ** 9m (29m) - Carrying Routable IP Addresses in IS-IS Router
- ** 9m (38m) - IS-IS Prefix Attributes for Extended IP and IPv6
- ** 5m (43m) - IS-IS Route Preference for Extended IP and IPv6
- ** 3m (46m) - Advertising S-BFD Discriminators in IS-IS
- ** 10m (56m) - Advertising Per-node Admin Tags in IS-IS
- ** 10m (66m) - IS-IS Reachability with critical Sub-TLVs
- ** 13m (79m) - IS-IS Path Computation and Reservation (IEEE 802.1Qca)
- ** 11m (90m) - BIER support via ISIS
- ** (extra) - ISIS Auto-Configuration

New RFC

- **RFC 7356**
 - IS-IS Flooding Scope Link State PDUs (LSPs)
- **RFC 7370**
 - Updates to the IS-IS TLV Codepoints Registry

WG Docs

- **New**
 - **draft-ietf-isis-route-preference-00**
 - **draft-ietf-isis-sbfd-discriminator-01**
 - **draft-ietf-isis-yang-isis-cfg-01**
- **Active**
 - **draft-ietf-isis-segment-routing-extensions-03**
 - **draft-ietf-isis-udl-02**
- **WG Last Call**
 - **draft-ietf-isis-extended-sequence-no-tlv-03**
 - **draft-ietf-isis-te-metric-extensions-04**

New IDs

- draft-chen-isis-source-identifier-distribution
 - Extensions to ISIS for Source Identifier Distribution
- **draft-farkas-isis-pcr**
 - IS-IS Path Computation and Reservation
- **draft-ginsberg-isis-prefix-attributes**
 - IS-IS Prefix Attributes for Extended IP and IPv6 Reachability
- draft-hares-i2rs-isis-compare-yang
 - Comparison Between 2 ISIS Yang Drafts
- **draft-lamparter-isis-reachability-critical-subtlvs**
 - IS-IS Reachability with critical Sub-TLVs
- **draft-przygienda-bier-isis-ranges**
 - BIER support via ISIS
- draft-wang-i2rs-isis-dm
 - Yang Data model I2RS to IS-IS protocol
- draft-wu-i2rs-isis-info-model
 - Information model for IS-IS protocol
- draft-you-isis-flowspec-extensions
 - IS-IS Extensions for Flow Specification

Updated IDs

- **draft-baker-ipv6-isis-dst-src-routing**
 - IPv6 Source/Destination Routing using IS-IS
- **draft-dhody-pce-bn-discovery-isis**
 - ISIS Protocol Extensions for Boundary Node Discovery (BND)
- **draft-liu-isis-auto-conf**
 - ISIS Auto-Configuration
- **draft-psarkar-isis-node-admin-tag**
 - Advertising Per-node Admin Tags in IS-IS
- **draft-xu-isis-encapsulation-cap**
 - Advertising Encapsulation Capability Using IS-IS
- **draft-xu-isis-mpls-elc**
 - Signaling Entropy Label Capability Using IS-IS
- **draft-xu-isis-routable-ip-address**
 - Carrying Routable IP Addresses in IS-IS Router Capability TLV
- **draft-yong-isis-ext-4-distribution-tree**
 - IS-IS Protocol Extension For Building Distribution Trees

Existing IDs

- draft-li-isis-mrt
 - Intermediate System to Intermediate System Extensions for Maximally Redundant Trees
- draft-xu-isis-service-function-adv
 - Advertising Service Functions Using IS-IS