LISP Working Group
106 IETF
@Singapore

Note Well

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Admin & Co.

- Welcome from
  - Joel Halpern & Luigi Iannone (Co-Chairs)
  - Padma Pillay-Esnault (Secretary)

- Blue Sheets

- Charter:
  - http://datatracker.ietf.org/wg/lisp/charter/

- Jabber Room:
  - xmpp:lisp@jabber.ietf.org

- Audio Stream:
  - http://mp3.conf.meetecho.com/ietf/ietf1063.m3u

- Meetecho Stream:
  - http://www.meetecho.com/ietf106/lisp

- Agenda & Slides:
  - https://datatracker.ietf.org/meeting/106/session/lisp

WG updates

Active Internet-Drafts (17 hits)

🔴	draft-ietf-lisp-6834bis-04 **Locator/ID Separation Protocol (LISP) Map-Versioning**	2019-08-16 19 pages	I-D Exists WG Document
	draft-ietf-lisp-ecdsa-auth-02 **LISP Control-Plane ECDSA Authentication and Authorization**	2019-09-16 17 pages	I-D Exists WG Document
	draft-ietf-lisp-eid-anonymity-07 **LISP EID Anonymity**	2019-10-07 10 pages	I-D Exists WG Document
	draft-ietf-lisp-eid-mobility-05 **LISP L2/L3 EID Mobility Using a Unified Control Plane**	2019-11-17 26 pages New	I-D Exists WG Document
🔴	draft-ietf-lisp-gpe-11 **LISP Generic Protocol Extension**	2019-11-04 16 pages New	IESG Evaluation for 416 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, rtgdir, secdir, tsvart
🟢	draft-ietf-lisp-introduction-13 **An Architectural Introduction to the Locator/ID Separation Protocol (LISP)**	2015-04-02 27 pages	RFC Ed Queue : MISSREF for 1668 days Submitted to IESG for Publication: Informational Reviews: genart, opsdir, secdir
	draft-ietf-lisp-mn-06 **LISP Mobile Node**	2019-09-03 24 pages	I-D Exists WG Document
	draft-ietf-lisp-predictive-rlocs-05 **LISP Predictive RLOCs**	2019-11-04 15 pages New	I-D Exists WG Document
	draft-ietf-lisp-pubsub-04 **Publish/Subscribe Functionality for LISP**	2019-09-11 12 pages	I-D Exists WG Document
🔴	draft-ietf-lisp-rfc6830bis-27 **The Locator/ID Separation Protocol (LISP)**	2019-06-16 46 pages	IESG Evaluation - Defer::AD Followup for 283 days Deferred by Eric Rescorla on 2018-09-11) Submitted to IESG for Publication: Proposed Standard Reviews: genart, opsdir, rtgdir, secdir, tsvart
🔴	draft-ietf-lisp-rfc6833bis-25 **Locator/ID Separation Protocol (LISP) Control-Plane**	2019-06-16 62 pages	IESG Evaluation - Defer::AD Followup for 283 days Deferred by Eric Rescorla on 2018-09-11) Submitted to IESG for Publication: Proposed Standard Reviews: genart, opsdir, rtgdir, secdir, tsvart
🟢	draft-ietf-lisp-rfc8113bis-03 **Locator/ID Separation Protocol (LISP): Shared Extension Message & IANA Registry for Packet Type Allocations**	2019-01-24 6 pages	RFC Ed Queue : MISSREF for 293 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, rtgdir, secdir
🟠	draft-ietf-lisp-sec-19 **LISP-Security (LISP-SEC)**	2019-07-23 27 pages	AD is watching In WG Last Call: Proposed Standard Reviews: genart, opsdir, rtgdir, secdir
	draft-ietf-lisp-te-05 **LISP Traffic Engineering Use-Cases**	2019-10-07 17 pages	I-D Exists WG Document
🟢	draft-ietf-lisp-vendor-lcaf-05 **Vendor Specific LISP Canonical Address Format (LCAF)**	2019-09-30 5 pages	I-D Exists WG Consensus: Waiting for Write-Up
	draft-ietf-lisp-vpn-05 **LISP Virtual Private Networks (VPNs)**	2019-11-17 17 pages New	I-D Exists WG Document
	draft-ietf-lisp-yang-12 **LISP YANG Model**	2019-09-07 79 pages	🌐 I-D Exists WG Document Reviews: yangdoctors

🟢 Past WG LC
🟠 Close to WG LC
🔴 OnHold/Issues

Agenda Bashing (I)

- **From the Chairs**
  - RFCs 7954 and 7955 - Historic

- **WG Documents**

  - Update on 6830bis/6833bis documents
    - 20 Minutes (Cumulative Time: 25 Minutes)
    - Albert Cabellos

  - LISP Generic Protocol Encapsulation (LISP-GPE)
    - 20 Minutes (Cumulative Time: 45 Minutes)
    - Fabio Maino

Agenda Bashing (II)

- **Non WG Items**

  - LISP Uberlays
    - 15 Minutes (Cumulative Time: 60 Minutes)
    - Marc Portoles Comeras

  - LISP Mobile Node Multicast - Demo
    - 15 Minutes (Cumulative Time: 75 Minutes)
    - Dino Farinacci

  - Distributed Geo-Spatial LISP Blackboard for Automotive
    - 15 Minutes (Cumulative Time: 90 Minutes)
    - Sharon Barkai

  - Overflow Time/ Discussion: 30 Minutes (Cumulative Time: 120 Minutes)

Rationale for RFCs 7954 and 7955 Historic

RFC 7954 created an experimental IPv6 prefix, namely 2001:5::/32, to be used as Endpoint-IDentifier (EID) space for the Locator/Identifier Separation Protocol (LISP). The reserved address space was requested for an initial 3-year period starting in September 2016 (until September 2019), with an option to extend it by three years (until September 2022) upon the decision of the IETF.

RFC 7955 describes a framework for the management of the prefix crested by RFC 7954. As described in RFC 7955, RIPE NCC volunteered to provide registration service during the experiment (up to 2022 at latest).

The initial experiment was supposed to last three years, until September 2019.
The option to extend the experiment to three more years was subject to the requirements written in section 10 of RFC 7954:

Following the policies outlined in
[RFC5226], upon IETF Review, the decision should be made on whether
to have a permanent EID block assignment by September 2019. **If no
explicit action is taken or, if the IETF Review outcome is that it is
not worth having a reserved prefix as a global EID space, the whole
/32 will be taken out from the "IANA IPv6 Special-Purpose Address
Registry" and put back in the free pool managed by IANA.**

In August 2019 RIPE NCC contacted the LISP WG asking if any action was ongoing concerning the extension of the experiment. The LISP WG concluded that very few requests have been made during three years and there was no compelling reason to extent the experiment. No further action has been taken by the LISP WG or the IETF. As such, in accordance with Section 10 of RFC 7954, RIPE NCC de-registered the existing assignments and IANA put the prefix back in the free pool (removing the entry from https://www.iana.org/assignments/iana-ipv6-special-registry).

At this point, RFC 7954 and RFC 7955 refer to a prefix that does not exists anymore. As such it make sense to move both documents to the status of "HISTORIC". This note, associated with the status change of the two RFCs will allow to keep track of the LISP EID prefix experiment.