

# IETF 113 LISP WG

22 March 2022

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IETF 113 Vienna  
hosted by



Internet Engineering Task Force  
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# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

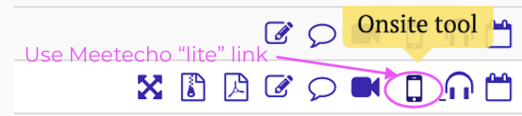
- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)

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# IETF 113 Meeting Tips

## In-person participants

- Make sure to sign into the session using the Meetecho (usually the “lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
  - Speak at the floor mic when called upon
- *Keep audio and video off if not using the onsite version*



## Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended





1. IETF participants extend respect and courtesy to their colleagues at all times.
  - participants treat their colleagues with respect
  - speak slowly and limit the use of slang
2. IETF participants have impersonal discussions.
  - We dispute ideas by using reasoned argument
3. IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
  - use best engineering judgment to find the best solution for the whole Internet
4. Individuals are prepared to contribute to the ongoing work of the group.
  - follow the intellectual property guidelines outlined in BCP 79 [RFC3979]






Please keep these in mind both at the mic and on Jabber/Meetecho IM

# Admin & Co.

- **Welcome from**
  - Joel Halpern & Luigi Iannone (Co-Chairs)
  - Padma Pillay-Esnault (Secretary)
- Charter:
  - <http://datatracker.ietf.org/wg/lisp/charter/>
- Jabber Room:
  - <xmpp:lisp@jabber.ietf.org>
- Audio Stream:
  - <https://mp3.conf.meetecho.com/ietf113/lisp/1.m3u>
- Meetecho
  - Remote Stream: <https://meetings.conf.meetecho.com/ietf113/?group=lisp&short=&item=1>
  - Onsite Tool: <https://meetings.conf.meetecho.com/onsite113/?group=lisp&short=&item=1>
- Agenda & Slides:
  - <https://datatracker.ietf.org/meeting/113/session/lisp>

# WG Update @ IETF 113

 <a href="#">draft-ietf-lisp-6834bis-09</a> Locator/ID Separation Protocol (LISP) Map-Versioning	2021-08-31 17 pages	Publication Requested <b>for 239 days</b> Submitted to IESG for Publication:Proposed Standard
<a href="#">draft-ietf-lisp-ecdsa-auth-07</a> LISP Control-Plane ECDSA Authentication and Authorization	2022-02-21 18 pages	I-D Exists WG Document
<a href="#">draft-ietf-lisp-eid-anonymity-11</a> LISP EID Anonymity	2021-09-19 11 pages <b>Expires soon</b>	I-D Exists WG Document
 <a href="#">draft-ietf-lisp-eid-mobility-09</a> LISP L2/L3 EID Mobility Using a Unified Control Plane	2022-01-18 27 pages	I-D Exists WG Document
<a href="#">draft-ietf-lisp-gpe-19</a> LISP Generic Protocol Extension	2020-07-26 16 pages	RFC Ed Queue : <b>MISSREF for 582 days</b> Submitted to IESG for Publication:Proposed Standard Reviews: genart, rtgdir, secdir, tsvart
<a href="#">draft-ietf-lisp-introduction-15</a> An Architectural Introduction to the Locator/ID Separation Protocol (LISP)	2021-09-20 28 pages	RFC Ed Queue : <b>MISSREF for 2518 days</b> Submitted to IESG for Publication:Informational Reviews: genart, opsdir, secdir
<a href="#">draft-ietf-lisp-mn-11</a> LISP Mobile Node	2022-01-30 25 pages	I-D Exists WG Document
<a href="#">draft-ietf-lisp-nexagon-19</a> Network Hexagons: H3-LISP GeoState & Mobility Network	2021-09-14 32 pages	Publication Requested <b>for 183 days</b> Submitted to IESG for Publication:Informational Reviews: secdir
<a href="#">draft-ietf-lisp-predictive-rlocs-09</a> LISP Predictive RLOCs	2021-10-18 16 pages	I-D Exists WG Document
<a href="#">draft-ietf-lisp-pubsub-09</a> Publish/Subscribe Functionality for LISP	2021-06-28 14 pages	Publication Requested <b>for 240 days</b> Submitted to IESG for Publication:Experimental Reviews: secdir
<a href="#">draft-ietf-lisp-rfc6830bis-36</a> The Locator/ID Separation Protocol (LISP)	2020-11-18 47 pages	RFC Ed Queue : <b>MISSREF for 398 days</b> Submitted to IESG for Publication:Proposed Standard Reviews: genart, opsdir, rtgdir, secdir, tsvart
<a href="#">draft-ietf-lisp-rfc6853bis-30</a> Locator/ID Separation Protocol (LISP) Control-Plane	2020-11-18 60 pages	RFC Ed Queue : <b>MISSREF for 398 days</b> Submitted to IESG for Publication:Proposed Standard Reviews: genart, opsdir, rtgdir, secdir, tsvart
<a href="#">draft-ietf-lisp-rfc8113bis-03</a> Locator/ID Separation Protocol (LISP): Shared Extension Message & IANA Registry for Packet Type Allocations	2019-01-24 6 pages	RFC Ed Queue : <b>MISSREF for 1143 days</b> Submitted to IESG for Publication:Proposed Standard Reviews: genart, rtgdir, secdir
<a href="#">draft-ietf-lisp-sec-25</a> LISP-Security (LISP-SEC)	2021-12-09 27 pages	Publication Requested <b>for 90 days</b> Submitted to IESG for Publication:Proposed Standard Reviews: genart, opsdir, rtgdir, secdir Action Holders: <a href="#">Alvaro Retana</a>  <b>for 90 days</b>
<a href="#">draft-ietf-lisp-te-09</a> LISP Traffic Engineering Use-Cases	2021-09-19 18 pages <b>Expires soon</b>	I-D Exists WG Document
<a href="#">draft-ietf-lisp-vendor-icaf-09</a> Vendor Specific LISP Canonical Address Format (LCAF)	2021-03-30 6 pages	Publication Requested <b>for 327 days</b> Submitted to IESG for Publication:Experimental
<a href="#">draft-ietf-lisp-vpn-08</a> LISP Virtual Private Networks (VPNs)	2022-01-18 17 pages	I-D Exists WG Document
 <a href="#">draft-ietf-lisp-yang-17</a> LISP YANG Model	2022-02-24 83 pages	I-D Exists WG Document Reviews: yangdoctors

 5 Docs in RFC Editor Queue  
 5 Docs Past WG LC  
 1 Close to WG LC  
 On Hold / Issues  
 IPR

# WG Documents Update

- LISP L2/L3 EID Mobility
  - Presented Today
- LISP Yang Model
  - Ready to move forward since LISP-Sec is done
  - Discussed Today
- Following drafts are WG items (need attention and reviews)
  - LISP VPN
  - LISP ECDSA Authentication and Authorization
  - LISP EID Anonymity (expires soon)
  - LISP Mobile Node
  - LISP Predictive RLOCs
  - LISP Traffic Engineering (expires soon)

# Work Tasks

- From the charter
  - LISP NAT Traversal (but there is a non WG document as base)
- 8111bis
  - LISP DDT Standard Track
  - 8111 has an early allocation

## 12. IANA Considerations

IANA has made the following early assignment per this document:

- o Message type 6, "LISP DDT Map-Referral", was added to the "LISP Packet Types" registry. See [Section 6.4](#) ("Map-Referral Message Format").

- already asked if
- the recent one has to be approved by IESG

- ST needed to make allocation permanent



# Agenda Bashing

- **WG Items**

- LISP EID Mobility
  - 15 Minutes (Cumulative Time: 25 Minutes)
  - Alberto Rodriguez-Natal

- **Non WG Items**

- LISP Reliable Transport
  - 10 Minutes (Cumulative Time: 35 Minutes)
  - Alberto Rodriguez-Natal
- Ground Based LISP - A Mobility and Multilink Solution for Safety Critical Communication in Aviation
  - 15 Minutes (Cumulative Time: 50 Minutes)
  - Bernhard Haindl
- LISP Mobility Routing
  - 10 Minutes (Cumulative Time: 60 Minutes)
  - Sharon Barkai
- Overflow Time/ Discussion: 0 Minutes (Cumulative Time: 60 Minutes)