

# IETF 116 LISP WG Rechartering Discussion

28 March 2023

IETF 116 Yokohama  
hosted by

**WIDE**  
PROJECT

Internet Engineering Task Force  
© 2023 IETF Trust  
Production by Meetecho



# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)					
<a href="#">RFC 6831</a> (was draft-ietf-lisp-multicast)	28 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>The Locator/ID Separation Protocol (LISP) for Multicast Environments</b>					
<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking)	19 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Interworking between Locator/ID Separation Protocol (LISP) and Non-LISP Sites</b>					
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt)	25 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>					
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib)	66 pages	2013-10	Experimental RFC		<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) MIB</b>					
<a href="#">RFC 7215</a> (was draft-ietf-lisp-deployment)	30 pages	2014-04	Experimental RFC		<a href="#">Brian Haberman</a> <a href="#">Wassim Haddad</a>
<b>Locator/Identifier Separation Protocol (LISP) Network Element Deployment Considerations</b>					
<a href="#">RFC 7954</a> (was draft-ietf-lisp-eid-block)	12 pages	2016-09	Experimental RFC		<a href="#">Brian Haberman</a> <a href="#">Damien Saucez</a>
<b>Locator/ID Separation Protocol (LISP) Endpoint Identifier (EID) Block</b>					
<a href="#">RFC 8061</a> (was draft-ietf-lisp-crypto)					<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) Data-Plane Confidentiality</b>					
<a href="#">RFC 8111</a> (was draft-ietf-lisp-ddt)					<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol Delegated Database Tree (LISP-DDT)</b>					
<a href="#">RFC 8378</a> (was draft-ietf-lisp-signal-free-multicast)					<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Signal-Free Locator/ID Separation Protocol (LISP) Multicast</b>					
<a href="#">RFC 9306</a> (was draft-ietf-lisp-vendor-lcaf)	5 pages	2022-10	Experimental RFC		<a href="#">Alvaro Retana</a> <a href="#">Luigi Iannone</a>
<b>Vendor-Specific LISP Canonical Address Format (LCAF)</b>					
<a href="#">RFC 8060</a> (was draft-ietf-lisp-lcaf)	36 pages	2017-02	Experimental RFC		<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>LISP Canonical Address Format (LCAF)</b>					
			Updated by <a href="#">RFC 9306</a>		

High Priority & Easy

- We have an early allocation for this
- We have deployment experience

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)					
<a href="#">RFC 6831</a> (was draft-ietf-lisp-multicast)	28 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>The Locator/ID Separation Protocol (LISP) for Multicast Environments</b>					
<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking)	19 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Interworking between Locator/ID Separation Protocol (LISP) and Non-LISP Sites</b>					
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt)	25 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>					
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib)	66 pages	2013-10	Experimental RFC		<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) MIB</b>					
<a href="#">RFC 7215</a> (was draft-ietf-lisp-deployment)					<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<b>Locator/Identifier Separation Protocol (LISP) Network Element Deployment Considerations</b>					
<a href="#">RFC 7954</a> (was draft-ietf-lisp-eid-block)					<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) Endpoint Identifier (EID) Block</b>					
<a href="#">RFC 8061</a> (was draft-ietf-lisp-crypto)	18 pages	2017-02	Experimental RFC		<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) Data-Plane Confidentiality</b>					
<a href="#">RFC 8378</a> (was draft-ietf-lisp-signal-free-multicast)	21 pages	2018-05	Experimental RFC		<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Signal-Free Locator/ID Separation Protocol (LISP) Multicast</b>					
<a href="#">RFC 9306</a> (was draft-ietf-lisp-vendor-lcaf)	5 pages	2022-10	Experimental RFC		<a href="#">Alvaro Retana</a> <a href="#">Luigi Iannone</a>
<b>Vendor-Specific LISP Canonical Address Format (LCAF)</b>					
<a href="#">RFC 8060</a> (was draft-ietf-lisp-lcaf)	36 pages	2017-02	Experimental RFC		<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>LISP Canonical Address Format (LCAF)</b>					
Updated by <a href="#">RFC 9306</a>					

## Move to Historic state

- Blame on me I did not finish the procedure ☹️

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)					
<a href="#">RFC 6831</a> (was draft-ietf-lisp-multicast)	28 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>The Locator/ID Separation Protocol (LISP) for Multicast Environments</b>					
<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking)	19 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Interworking between Locator/ID Separation Protocol (LISP) and Non-LISP Sites</b>					
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt)	25 pages	2013-01	Experimental RFC		<a href="#">Jari Arkko</a>
<b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>					
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib)	66 pages	2013-10	Experimental RFC	<b>Errata</b>	<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) MIB</b>					
<a href="#">RFC 8061</a> (was draft-ietf-lisp-crypto)	18 pages	2017-02	Experimental RFC		<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Locator/ID Separation Protocol (LISP) Data-Plane Confidentiality</b>					
<a href="#">RFC 8378</a> (was draft-ietf-lisp-signal-free-multicast)					<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>Signal-Free Locator/ID Separation Protocol (LISP) Multicast</b>					
<a href="#">RFC 9306</a> (was draft-ietf-lisp-vendor-lcaf)	5 pages	2022-10	Experimental RFC		<a href="#">Alvaro Retana</a> <a href="#">Luigi Iannone</a>
<b>Vendor-Specific LISP Canonical Address Format (LCAF)</b>					
<a href="#">RFC 8060</a> (was draft-ietf-lisp-lcaf)	36 pages	2017-02	Experimental RFC	<b>Errata</b>	<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>
<b>LISP Canonical Address Format (LCAF)</b>					

Widely used merge in one ST document

- Also suggested in the mailing list

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)				
<a href="#">RFC 6831</a> (was draft-ietf-lisp-multicast)	28 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a> ✉
<b>The Locator/ID Separation Protocol (LISP) for Multicast Environments</b>				
<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking)	19 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a> ✉
<b>Interworking between Locator/ID Separation Protocol (LISP) and Non-LISP Sites</b>				
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt)	25 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a> ✉
<b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>				
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mlt)				<a href="#">Brian Haberman</a> ✉ <a href="#">Luigi Iannone</a> ✉
<b>Locator/ID Separation Protocol Multicast</b>				
<a href="#">RFC 8061</a> (was draft-ietf-lisp-mlt)				<a href="#">Deborah Brungard</a> ✉ <a href="#">Luigi Iannone</a> ✉
<b>Locator/ID Separation Protocol Multicast</b>				
<a href="#">RFC 8378</a> (was draft-ietf-lisp-signal-free-multicast)	21 pages	2018-05	Experimental RFC	<a href="#">Deborah Brungard</a> ✉ <a href="#">Luigi Iannone</a> ✉
<b>Signal-Free Locator/ID Separation Protocol (LISP) Multicast</b>				

## Multicast

They can certainly enjoy a refresh because of the latest specs

Have we sufficient deployment experience?

(Not necessarily bis documents, the whole multicast can be revised/reorganized)

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)

<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking) <b>Interworking between Locator/ID Separation Protocol (LISP) and Segment Routing</b>				<a href="#">Jari Arkko</a>
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt) <b>Locator/ID Separation Protocol (LISP) Segment Routing (SR) Topology (LISP-SR)</b>				<a href="#">Jari Arkko</a>
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib) <b>Locator/ID Separation Protocol (LISP) MIB</b>	66 pages	2013-10	Experimental RFC	<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>
<a href="#">RFC 8061</a> (was draft-ietf-lisp-crypto) <b>Locator/ID Separation Protocol (LISP) Data-Plane Confidentiality</b>	18 pages	2017-02	Experimental RFC	<a href="#">Deborah Brungard</a> <a href="#">Luigi Iannone</a>

May be included in Privacy/Security ?  
(see next part.....)

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)

<a href="#">RFC 6832</a> (was draft-ietf-lisp-interworking) <b>Interworking between Locator/ID Separation Protocol (LISP) and Non-LISP Sites</b>	19 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a>
<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt) <b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>	25 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a>
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib) <b>Locator/ID Separation Protocol (LISP) MIB</b>	66 pages	2013-10	Experimental RFC	<a href="#">Brian Haberman</a> <a href="#">Luigi Iannone</a>

May be included in Deployment Considerations (Informational)?  
(see next part.....)

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)

<a href="#">RFC 6836</a> (was draft-ietf-lisp-alt)	25 pages	2013-01	Experimental RFC	<a href="#">Jari Arkko</a> ✉
<b>Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)</b>				
<a href="#">RFC 7052</a> (was draft-ietf-lisp-mib)	66 pages	2013-10	Experimental RFC	<a href="#">Brian Haberman</a> ✉
<b>Locator/ID Separation Protocol (LISP) MIB</b>	<b>Errata</b>			<a href="#">Luigi Iannone</a> ✉

We have the yang model document should we consider moving this ST ?

# Rechartering Thread 2: From Exp to ST

- Should we have this work item?
- Please express your opinion

RFCs (26 hits)

[RFC 6836](#) (was draft-ietf-lisp-alt)

25 pages 2013-01

Experimental RFC

[Jari Arkko](#) 

Locator/ID Separation Protocol Alternative Logical Topology (LISP+ALT)

We have DDT should we consider moving this ST ?

# Rechartering Thread 1: Promised work

- Should we have this work item?
- Please express your opinion

<a href="#">draft-ietf-lisp-ecdsa-auth-10</a> LISP Control-Plane ECDSA Authentication and Authorization	17 pages	2023-03-05	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-eid-anonymity-14</a> LISP EID Anonymity	12 pages	2023-03-05	I-D Exists WG Document	1
<a href="#">draft-ietf-lisp-eid-mobility-11</a> LISP L2/L3 EID Mobility Using a Unified Control Plane	26 pages	2023-01-10	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-geo-11</a> LISP Geo-Coordinate Use-Cases	17 pages	2022-12-12	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-map-server-11</a> LISP Map Server Reliable Transport	28 pages	2023-01-13	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-mn-13</a> LISP Mobile Node	25 pages	2023-01-16	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-predictive-rlocs-12</a> LISP Predictive RLOCs	16 pages	2023-03-05	I-D Exists WG Document	1
<a href="#">draft-ietf-lisp-te-12</a> LISP Traffic Engineering Use-Cases	19 pages	2023-03-05	I-D Exists WG Document	
<a href="#">draft-ietf-lisp-vpn-10</a> LISP Virtual Private Network	18 pages	2022-10-03	I-D Exists	
<a href="#">draft-ietf-lisp-nexagon-47</a> Network-Hexagons:Geolocation Mobility Edge Network Based On H3 and LISP	30 pages	2023-01-14	AD Evaluation::AD Followup <b>229</b> Submitted to IESG for Publication : Informational Review: <b>secdir Early</b> Action Holder: <a href="#">Alvaro Retana</a> <b>328</b>	<a href="#">Alvaro Retana</a> <a href="#">Luigi Iannone</a>

Quite some mobility there!  
May be assess the scope and cosolidate I-D set?

# Rechartering Thread 1: Promised work

- Should we have this work item?
- Please express your opinion

<a href="#">draft-ietf-lisp-ecdsa-auth-10</a> LISP Control-Plane ECDSA Authentication and Authorization	17 pages	2023-03-05	I-D Exists WG Document
<a href="#">draft-ietf-lisp-eid-anonymity-14</a> LISP EID Anonymity	12 pages	2023-03-05	I-D Exists WG Document

Quite some Security & Privacy there!  
May be assess scope and cosolidate I-D set?  
Should include RFC 8061?

<a href="#">draft-ietf-lisp-te-12</a> LISP Traffic Engineering Use-Cases	19 pages	2023-03-05	I-D Exists WG Document
<a href="#">draft-ietf-lisp-vpn-10</a> LISP Virtual Private Networks (VPNs)	18 pages	2022-10-03	I-D Exists WG Document

<a href="#">draft-ietf-lisp-nexagon-47</a> Network-Hexagons:Geolocation Mobility Edge Network Based On H3 and LISP	30 pages	2023-01-14	AD Evaluation::AD Followup <b>229</b> Submitted to IESG for Publication : Informational Review: <b>secdir Early</b> Action Holder: <a href="#">Alvaro Retana</a> <b>328</b>	<a href="#">Alvaro Retana</a> <a href="#">Luigi Iannone</a>
---	----------	------------	--	--

# Rechartering Thread 1: Promised work

- Should we have this work item?
- Please express your opinion

Balaji on the mailing list states there is ongoing work, deserves ST?

[draft-ietf-lisp-map-server-reliable-transport-01](#)

LISP Map Server Reliable Transport

22 pages 2023-01-10 I-D Exists  
WG Document

[draft-ietf-lisp-te-12](#)

LISP Traffic Engineering Use-Cases

19 pages 2023-03-05 I-D Exists  
WG Document

[draft-ietf-lisp-nexagon-47](#)

Network-Hexagons:Geolocation Mobility Edge Network Based On H3 and LISP

30 pages 2023-01-14 AD Evaluation::AD Followup **229**  
Submitted to IESG for Publication : Informational  
Review: **secdir Early**  
Action Holder: [Alvaro Retana](#) **328**

[Alvaro Retana](#)

[Luigi Lannone](#)

# Rechartering Thread 1: Promised work

- Should we have this work item?
- Please express your opinion

These are more deployment reports/considerations rather than protocol development.

Should the WG include one document about deployment considerations to include these and future deployments considerations?

Should be a living document?

Should include RFC 6832?

[draft-ietf-lisp-te-12](#)  
LISP Traffic Engineering Use-Cases

19 pages 2023-03-05 I-D Exists  
WG Document

[draft-ietf-lisp-nexagon-47](#)  
Network-Hexagons:Geolocation Mobility Edge Network Based On H3 and LISP

30 pages 2023-01-14 AD Evaluation::AD Followup **229**  
Submitted to IESG for Publication : Informational  
Review: **secdir Early**  
Action Holder: [Alvaro Retana](#) **328**

[Alvaro Retana](#)  
[Luigi Iannone](#)

# Does the WG see any NEW future work?

NEW future work != single drafts on single topics

- Please express your opinion

