

# Internet Draft Status

`draft-ietf-lisp-10.txt`

`draft-ietf-lisp-11.txt`

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LISP Working Group  
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# Agenda

- `draft-ietf-lisp-10.txt`
  - Posted March 2011
- `draft-ietf-lisp-11.txt`
  - Last minute tracker comments
  - Posted to `lisp@ietf.org` last night
  - Working group last call

# draft-ietf-lisp-10.txt

## B.1. Changes to draft-ietf-lisp-10.txt

- o Posted March 2011.
-  o Add p-bit to Map-Request so there is documentary reasons to know when a PIR has sent a Map-Request to an ETR.
-  o Add Map-Notify message which is used to acknowledge a Map-Register message sent to a Map-Server.
-  o Add M-bit to the Map-Register message so an ETR that wants an acknowledgment for the Map-Register can request one.
-  o Add S-bit to the ECM and Map-Reply messages to describe security data that can be present in each message. Then refer to [LISP-SEC] for expansive details.
-  o Add Network Management Considerations section and point to the MIB and LIG drafts.
-  o Remove the word "simple" per Yakov's comments.

# draft-ietf-lisp-11.txt

## B.1. Changes to draft-ietf-lisp-11.txt



- o Posted April 2011.



- o Change IANA URL. The URL we had pointed to a general protocol numbers page.



- o Added the "s" bit to the Map-Request to allow SMR-invoked Map-Requests to be sent to a MN ETR via the map-server.



- o Generalize text for the definition of Reencapsulating tunnels.



- o Add paragraph suggested by Joel to explain how implementation experimentation will be used to determine the proper cache management techniques.



- o Add Yakov provided text for the definition of "EID-to-RLLOC Database".



- o Add reference in Section 8, Deployment Scenarios, to the draft-jakab-lisp-deploy-02.txt draft.



- o Clarify sentence about no hardware changes needed to support LISP encapsulation.



- o Add paragraph about what is the procedure when a locator is inserted in the middle of a locator-set.



- o Add a definition for Locator-Status-Bits so we can emphasize they are used as a hint for router up/down status and not path reachability.



- o Change "BGP RIB" to "RIB" per Clarence's comment.



- o Fixed complaints by IDnits.



- o Add paragraph to Security Considerations section indicating how EID-prefix overclaiming in Map-Replies is for further study and add a reference to LISP-SEC.

# Spec Stats

- First spec in Jan 2007
- 13 versions of the individual submission
- First WG spec in May 2009
- 12 versions of the WG submission
- 100s of contributors
- First implementation started 2007 Prague IETF
- 9 Implementations
  - Linux, Android, FreeBSD (OpenLISP), Zlisp, LISP-Click
  - FNSC FITELnet G21, IOS, NX-OS, IOS-XR

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This work originated in the Routing Research Group (RRG) of the IRTF. The individual submission [LISP-MAIN] was converted into this IETF LISP working group draft.

# WG Last Call?

draft-ietf-lisp-11

draft-ietf-lisp-multicast-04

draft-ietf-lisp-alt-06

draft-ietf-lisp-interworking-01

draft-ietf-lisp-ms-07

draft-ietf-lisp-lig-01