

# Update on 6830bis/6833bis documents

Albert Cabellos ([acabello@ac.upc.edu](mailto:acabello@ac.upc.edu))

IETF 106 – Singapore

November 2019

# Since IETF - 105

- Posted draft-ietf-lisp-rfc6830bis-28 (November 2019)
- Posted draft-ietf-lisp-rfc6833bis-26 (November 2019)
- Addressed roughly 160 discuss and comments

# draft-ietf-lisp-rfc6830bis-28: LSB

- Fixed the behavior of Locator-Status-Bits
  - When a locator is added/removed from the locator set xTR can no longer use LSB (L=0)
  - Then the source xTR will send an SMR to the destination xTR and setup a 5 minute timer (recommended)
  - Upon reception of the SMR, the destination xTR will refresh the EID-to-RLOC mappings
  - After the timer expires, the source xTR can use LSB

# draft-ietf-lisp-rfc6830bis-28: Map-Versioning

- Map-Version requires that ETRs within the LISP site are synchronized with respect to the Map-Version Number, EID-prefix and the set and status (up/down) of the RLOCs. The use of Map-Versioning without proper synchronization may cause traffic disruption. The synchronization protocol is out-of-the-scope of this document, but **MUST** keep ETRs synchronized within a 1 minute window.

# draft-ietf-lisp-rfc6830bis-28: Other

- Removed reference to TE at the ITR definition
- Removed definition for Negative cache entry
- Removed definitions for TE-ETR and TE-ITR
- State that “Participants within a LISP deployment must agree on the meaning of Instance ID values.”
- Clarify when information MAY be gleaned
- Other minor edits

# draft-ietf-lisp-rfc6833bis-26

- Clarify when the A-bit can be set in Map-Reply
- Clarify that we do not specify a strict meaning for the Site-ID field. Informally it provides an indication that a group of xTRs have some relation, either administratively, topologically or otherwise.
- Clarify that the Authentication Data is recomputed and verified in Map-Notify and Map-Notify-Ack
- Removed the section describing “Locator Set compacting”

# draft-ietf-lisp-rfc6833bis-26

- Removed references to BGP since it is not consistent with the new scope of applicability
- Removed reference to LISP+ALT
- Clarified Security Considerations
- Fixed some errors in Section “Changes since RFC 6833”
- Other minor edits

# Current IESG Evaluation Record

**Discuss**

Benjamin Kaduk  
Mirja Kuhlewind  
(Eric Rescorla)

**Discuss**

Benjamin Kaduk  
Mirja Kuhlewind  
(Eric Rescorla)

draft-ietf-lisp-rfc6830bis-28

draft-ietf-lisp-rfc6833bis-26