

Update on 6830bis/6833bis documents

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IETF 108

July 2020

Since IETF - 106

- Posted draft-ietf-lisp-rfc6830bis-33 (July 2020)
- Posted draft-ietf-lisp-rfc6833bis-28 (July 2020)
- Addressed new IESG comments and discuss

draft-ietf-lisp-rfc6830bis-33

- Added guidelines for deployment over the public Internet
 - MUST set N,L,E and V bits to zero
 - MUST NOT (elevated from SHOULD NOT to MUST NOT) use LSB, echo-nonce, gleaning and Map-Versioning. Instead, rely on Control-Plane mechanisms
- Removed changing the LISP nonce when encapsulating to the same ETR
- Stateful MTU algorithm only for IPv4
- Consider IPv6 flowlabel for load balancing hashing
- Minor editorial updates

draft-ietf-lisp-rfc6833bis-28

- Added a section stating that when communicating over the public Internet:
 - LISP-SEC MUST be implemented (S-bit set in Map-Reply, Map-Register and ECM)
 - Implementations SHOULD use HMAC-SHA256-128+HKDF-SHA256 and MUST NOT use 'None' or 'HMAC-SHA-1-96-None'
- Minor editorial updates