LISP PubSub

draft-rodrigueznatal-lisp-pubsub-02

IETF 101 - London
History

• 00 - August 2017
  • Original submission

• 01 - October 2017
  • xTR-ID in Map-Request moved to RFC6833bis
  • S-bit renamed as N-bit

• 02 - March 2018
  • Nonce in Map-Notify to match the one in Map-Request
    • Erik Nordmark’s suggestion
Status

• Referenced by:
  • draft-ietf-lisp-rfc6833bis
  • draft-haindl-lisp-gb-atn
  • draft-farinacci-lisp-decent
  • draft-rodrigueznatal-ila-lisp

• Running code
  • lispers.net
  • OpenOverlayRouter (ongoing)

• Shall we adopt it as WG item?
(2) The nonce of the Map-Notify MUST be the one the subscriber sent in the Map-Request. If the subscriber sent no Map-Request (e.g., was subscribed via configuration at the Map-Server) the nonce MUST be randomly generated by the Map-Server.

(3) The Map-Server MUST use its security association with the xTR to compute the authentication data of the Map-Notify.

When the xTR receives a Map-Notify with a nonce sent previously in a Map-Request, or with a nonce not present in any list of previously sent nonces but with an EID not local to the xTR, the xTR knows that the Map-Notify has been received to update an entry on its map-cache. Processing of unsolicited Map-Notify messages MUST be explicitly enabled via configuration at the xTR.