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?

Diff from -01

(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.