

# Update on LISP Map Versioning

~~draft-ietf-lisp-map-versioning-00.txt~~  
draft-ietf-lisp-map-versioning-01.txt

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# Main changes:

- Further Editorial polishing
  - Reduced packet format description to avoid double definitions
- Updated some RFC 2119 notation
  - From received comments
- Replaced “Map-Version 0” with “Null Map-Version”
- Clarification on the use of Null Map-Version:
  - Source Map-Version number
  - Destination Map-Version number
- Extended Section 8.3 “Map-versioning and Interworking”:
  - Map-Versioning and Proxy-ITRs
  - Map-Versioning and LISP-NAT
  - Map-Versioning and Proxy-ETRs

# New Wording: Null Map-Version

- From the Definition of Terms section:
  - **Null Map-Version:** The 12-bits null value of 0 (0x0000) is not used as Map-Version number. It is used to signal that no Map-Version is assigned to the EID-to-RLOC mapping.
- Text has been changed accordingly throughout the whole draft

# Clarification: Null Map-Version Usage

- In Map-Records:
  - In Map-Request/Map-Reply/Map-Register messages
  - No Map-Version number associated to the EID-to-RLOC mapping
  - ITRs **MUST NOT** use Map-Versioning when sending traffic to the ETRs of the mapping the record refers to.

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- As Source Map-Version:
  - In the LISP header
  - ETRs do not have to check Source Map-Version for this packet

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- As Destination Map-Version:
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# Extension: Map-Version & Interworking

- Map-Versioning & Proxy-ITRs:
  - Source Map-Version set to Null Map-Version



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# Next Steps...

- Should the security consideration be integrated in the security draft? (draft-saucez-lisp-security-03.txt)
- Integrate further comments (if any)