

LISP Summary

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LISP

- An Experimental set of protocols
- One of many ideas for addressing core routing scaling
- Basic protocol based on
 - mapping between site based identifiers and core aggregatable routable locators
 - Encapsualting packets to just use locators across the core
- Separate specs on base protocol, mapping
 - Also versioning, MIB, deployment,

LISP base spec

- LISP -08
 - Removed opinion comments, prototype status
 - Strongly recommend MTU handling be done
- LISP – 09
 - Added base address (LCAF) type registrations
 - Cleaned up UDP port handling
- Need to address ETR Over-claiming issue
- Need to address pending Issue Tracker items
 - Some are awaiting followup from originators

LISP Mapping Server and ALT

- Complement to base protocol
- One new message proposed
 - Map Notify, confirming registration
 - Instead of having clients send a map request for themselves to verify that their registration worked
- No recent changes to the ALT spec
- Security review pending for base protocol and Mapping documents

Map Versioning

- Adopted as a working group document
- Improved the base spec mechanism for detecting changes in mapping over time
- To be enhanced
 - Improving security descriptions, and possibly moving them to the document on base LISP security issues.
 - Describing interaction with proxy (PITR and PETR) tunnel routers.

Deployment Document

- We now have a deployment document
 - It needs clarifications
 - Is intended to provide a basis for understanding how all the pieces come together
 - There are definitely open issues, e.g.
 - Who provides Map Resolvers
 - Who provides proxy tunnel routers