draft-ietf-lisp-introduction-04

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LISP WG Charter

"Architecture description: This document will describe the architecture of the entire LISP system, making it easier to read the rest of the LISP specifications and providing a basis for discussion about the details of the LISP protocols. The document will include a description of the cache management and ETR synchronization essential characteristics needed to ensure the correct operation of the protocol."

Changelog: Modified material

- Changed format of citations
- Editorial polishing
  - Emphasis notation
  - Reference style
  - Make the text neutral
  - Improved readability
  - Typos
- Terminology
  - Aligned terminology with RFCs

Changelog: Removed material

- Removed paragraphs
  - Not bringing new information (Section 5, 6, 6.3, 12.9)
  - Too many details/too verbose for an introduction document (Section 8.2.3.1, 9.1, 12.4, 13.1.1, 13.2, 13.2.1, 16.5)
- Removed paragraphs including descriptons/ statements not in-charter/WG documents
  - LISP-NAT (Section 15.2.2)
  - Maximize Re-use of existing mechanisms (Section 5.2)
  - Traversal Across Alternate IP Versions
  - LISP-Prespective (Section 12.9)

Changelog: Added material

- Added figure 1 (not present in -03)
  - An Schema of the LISP Architecture

Content suggestions

- The draft should focus on describing the LISP architecture
  - Straight to the point/compact
  - Technical language
  - Learn by example
- Focus only on the charter/WG documents
  - Remove information/statements not covered by WG documents
  - Remove subjective opinions

Structural suggestions

- Short and technical
- Learn by example (life of a LISP packet)
- Key aspects of LISP (few pages)
  - Data-Plane: Encapsulation
  - Control-Plane: Mapping
  - Internetworking: PxTR
- Cache management
  - TTL/Map-Versioning/SMR
- ETR Synchronization
- Security?
- Use-cases