

# LISP EID Block

~~draft-ietf-lisp-eid-block-00.txt~~  
draft-ietf-lisp-eid-block-01.txt

- New Section 6: “Block Dimension”

The working group reached consensus on an initial allocation of a /16 prefix out of a /12 block which is asked to remain reserved for future use as EID space. The reason of such consensus is manifold:

- o A /16 prefix is sufficiently large to cover initial allocation and requests for prefixes in the EID space in the next few years for very large scale experimentation and deployment. As a comparison is worth to mention that the current LISP Beta Network ([BETA]) is using a /32 prefix, hence a /16 should be sufficiently large to accommodate growth in the near future.
- o The request to reserve the /12 prefix covering the initial /16 allocation is in line with IANA policies that fix to /12 the minimum IPv6 allocation.
- o The proposed alignment provides as well a natural support for DNS. In particular, reverse DNS for IPv6 in the special ip6.arpa domain is represented as sequence of nibbles. A different alignment would force to a binary representation.

- Misc:

- New Version required to correct typos, update references, solve nits, etc.