LISP EID Block

draft-meyer-lisp-eid-block-02.txt

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

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Main Changes

- Added the following sections:
  - Rationale and Intent
  - Expected use
  - Action Plan
  - Routing Considerations
- Extended the following sections:
  - IANA Considerations
- The usual
  - References, editorial polishing, etc…

Rationale and Intent

- Avoid cache lookup to understand whether or not to LISP encapsulate packets

- Recommended not to hard-code anything

Expected use

- Sites planning to deploy LISP request a sub-block

- The sub-block will be announced in the Mapping System

- The sub-block could be announced by PITR(s)

- In both cases the block can be aggregated

Action Plan

- IANA initially allocate /16

- IANA does not allocate the /12 covering the /16 so to accommodate future expansions

- If needed in the future ask IANA allocate adjacent block

- **Is /12 ok ?**

Routing consideration

- Non-LISP Routers MUST treat announcements of the allocate block as any other prefix
  - For both BGP and IGP

- Recommended that default router configuration does not handle the block in any special way

IANA Considerations

- Added request to reserve /12 block

- Further sub-block will be requested only upon IETF consensus

Next Steps…

- Consensus on /12?

- Anything missing?

- Review from the WG

- Then… go for it.