

Vendor Specific LCAF

draft-rodrigueznatal-lisp-vendor-lcaf-00

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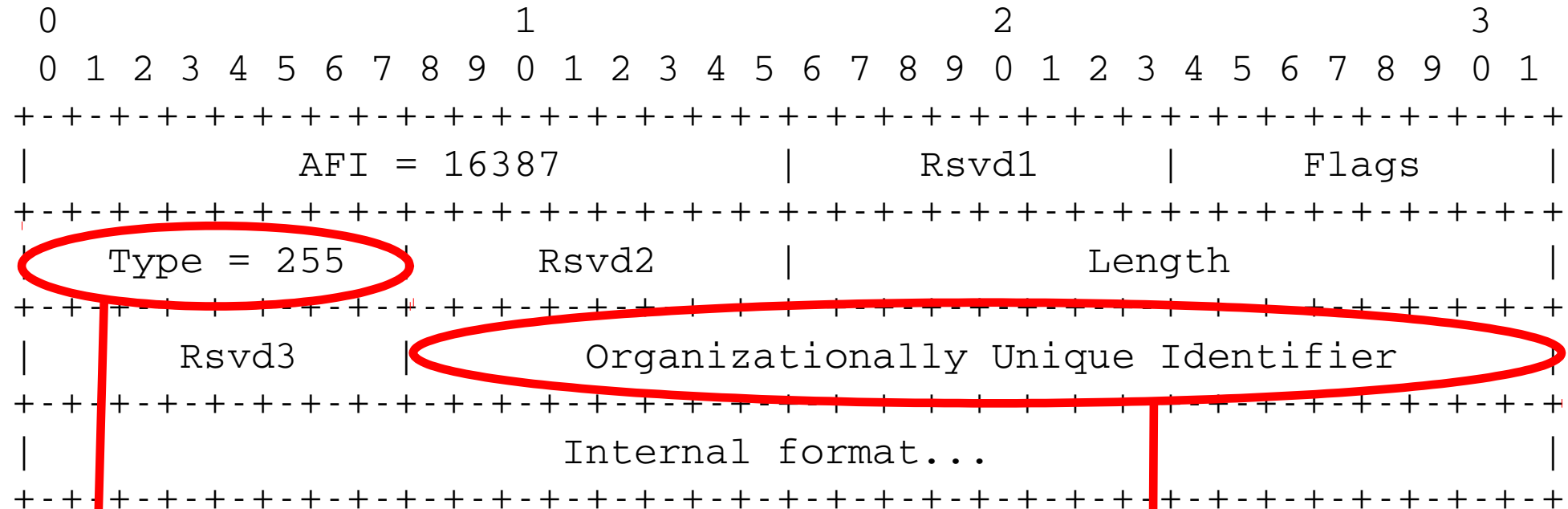
Vendor Specific LCAF overview

- Motivation
 - Some use-cases too specific to define new LCAFs
 - Lengthy process to define LCAF types
- Solution
 - Enable vendors to have their own space to define LCAFs
 - Avoid collisions across vendors using private LCAF space
- Applications
 - Rapid prototyping
 - Experimentation and research
 - Private deployments

Vendor Specific LCAF design

- Leverage on the IEEE Organizationally Unique Identifier (OUI)
 - IEEE-managed identifier
 - <http://standards-oui.ieee.org/oui.txt>
 - 24-bit length
 - No two organizations with same OUI
 - But more than one OUI per organization
- Vendor LCAF internal format undefined on purpose
 - Each vendor to define their own internal formats
- LCAF type number = 255
 - To be IANA approved

Vendor Specific LCAF format



New type (to be IANA allocated)

IEEE OUI (24 bits)

Next steps

- Feedback, questions, comments?
- Call for WG adoption?