

How to Send Map-Replies

Anaheim IETF - LISP WG
Isidor Kouvelas & Dino Farinacci
March 2010

Problem Statement

- LISP Map-Reply Destination Address
 - From Map-Request source address
 - From ITR-RLOC in Map-Request payload
- Need an AF intersection of RLOCs between ITR and ETR
- What if you don't have an RLOC in an AF but need to send a Map-Request in that AF?

AF Combinations

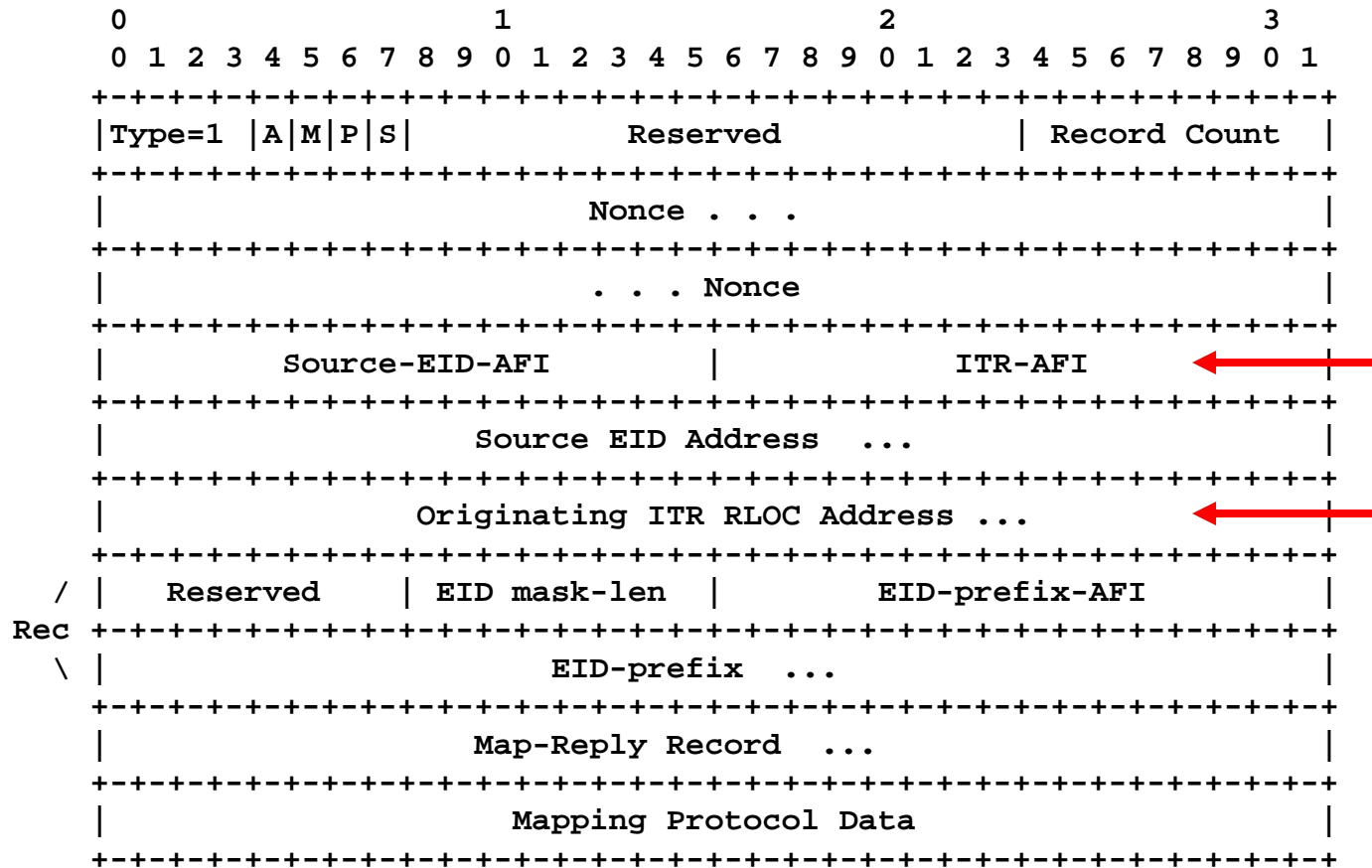


Green -> EID Red -> RLOC Violet -> Map-Request source Blue -> Map-Request ITR-RLOC

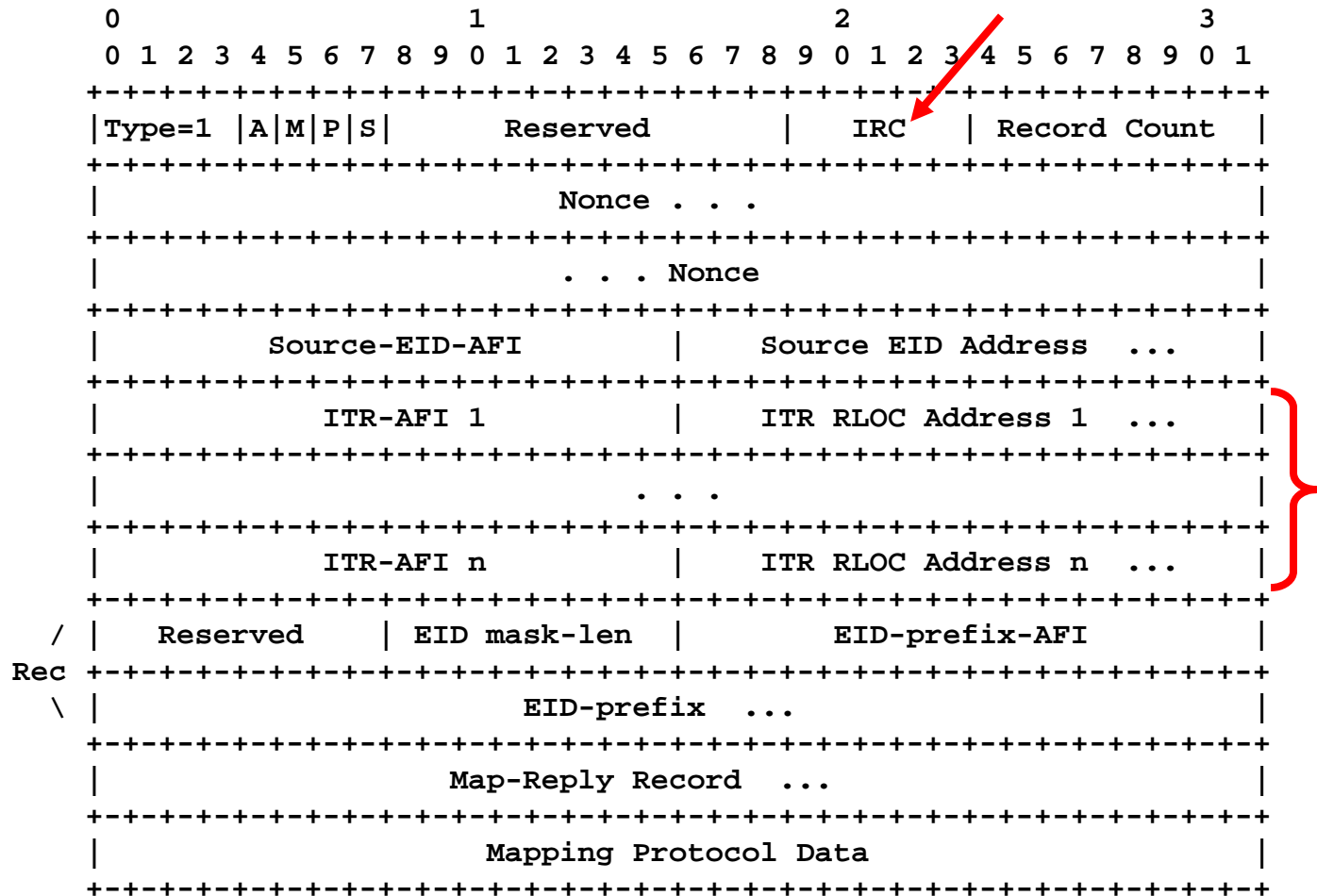
Proposed Solution

- ITR provides a set of ITR-RLOC addresses
- ETR can select one of them for the Map-Reply destination address
- ETR no longer uses Map-Request source for Map-reply destination

Current Map-Request Format



Proposed Map-Request Format



Procedural

- Objections putting this in -07?