RELOAD Update

IETF 83

Updates Since IETF83

- Added XML Namespaces registration for configuration

- Specified the details of the overlay name (S 5.3.2)

- Nailed down the fragment semantics, harmonizing between the fragment field definition and the rules for generating fragments. The high bit must always be set and unfragmented packets are represented as the last fragment with an offset of 0.

- Globally renamed "private id" and "compressed id" to "opaque id"

- Added a new Error_Invalid_Message generic error code.

Routing Loops & DOS

- New section 12.6.5

- Configuration servers are supposed to set TTL based on overlay size.

  - Peers must check that TTL never exceeds the configured maximum.

  - Peers should check for duplicates in the destination list.

Normative Language

- Previously decided no normative language in overview section (Section 3)

- Made a mistake and edited section 3 to include normative language

- Should we remove it ?

Chord Implementation

- Goal is to make sure there is enough information in draft and normative references that a skilled engineer can implement it

- Authors feel you can implement the chord like algorithm from the draft

- Is there something missing?

Certificate Request

- Remove password from certificate request protocol URL
  - Now in the form of a parameter
  - This is a breaking change
- Still concerns about how to return errors
  - Propagate to HTTP?
  - Always return 200?
  - Guidance from HTTP people welcome