

# *Usage of The RSVP Association Object*

*draft-ietf-ccamp-assoc-ext-00*

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# Question from last IETF: One draft or two?

- ❖ draft-ietf-ccamp-assoc-info-01 covered:
    1. Informational usage for GMPLS recovery
    2. Standards track extensions for non-GMPLS recovery usage and Extended association
  - ❖ Discussed at IETF 80:  
Should Information and Standards track sections be separated? E.g.:
    1. “Usage of The RSVP Association Object”
    2. “RSVP Association Object Extensions ”
- ➔ Consensus to separate

**This presentation covers #2**

# *First sections moved from draft-ietf-ccamp-assoc-info-01*

## 2. Non-Recovery Usage (Per IETF 76, 77)

### ❑ Standards Track

- But don't modify usage for Recovery
- Provides informational guidance for Recovery

### ❑ Non-Recovery Usage

- Reuse recovery rules
  - Match LSPs with identical ASSOCIATION objects
    - » All fields: Type, ID, & Source
  - Multiple associations are possible all association objects need to be examined.
- Applies to LSP and non-LSP forms of RSVP

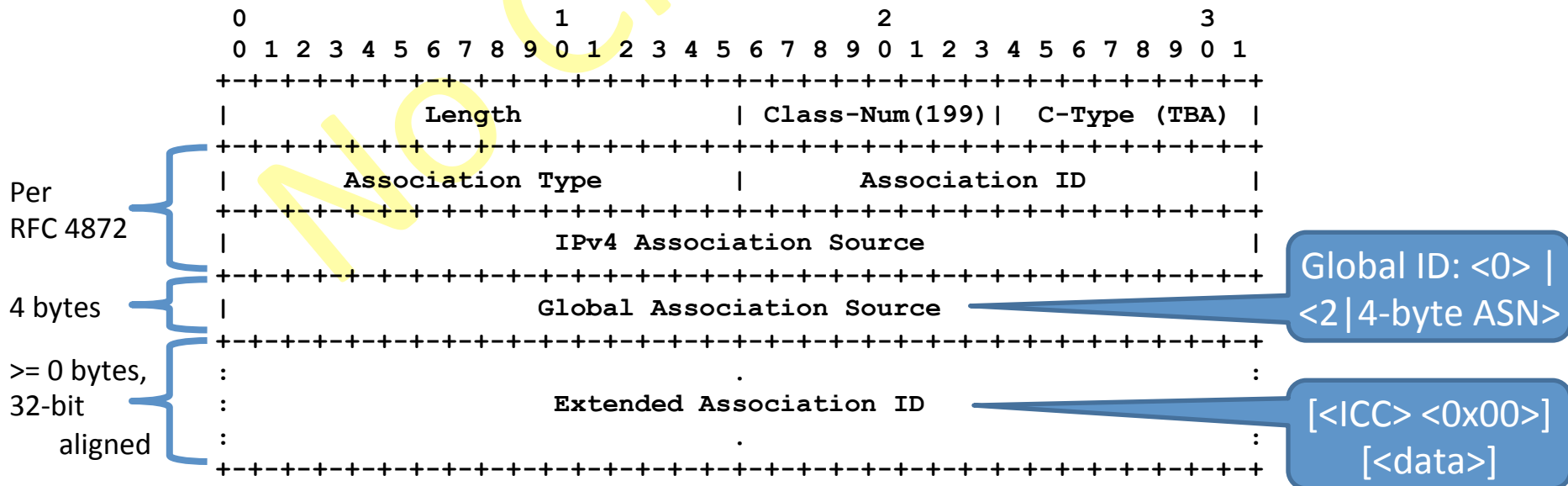
### ❑ Allow for association based on Path or Resv messages

- Upstream Initiated Association (Path state matching)
- Downstream Initiated Association (Resv state matching)
- No cross-direction association

# Second sections moved from draft-ietf-ccamp-assoc-info-01

## 3. IPv4 and IPv6 Extended ASSOCIATION Objects

- ❑ Revised per plan discussed at IETF 79 (no changes since)
- ❑ Supports
  - Association identifiers > 16 bits
  - MPLS TP identifiers – ICC and Global ID
- ❑ Format:



# *Next steps*

- ❖ Draft is now stable
  - ☐ Split resolved final open issue
- ❖ Ready to move forward / LC
- ❖ Comments?