

RSVP-TE extensions for RRO editing

draft-hartley-ccamp-rro-editing-00.txt

Matt Hartley

Cisco Systems

Zafar Ali (Presenter)

Cisco Systems

Oscar Gonzalez de Dios

Telefonica I+D

Cyril Margaria

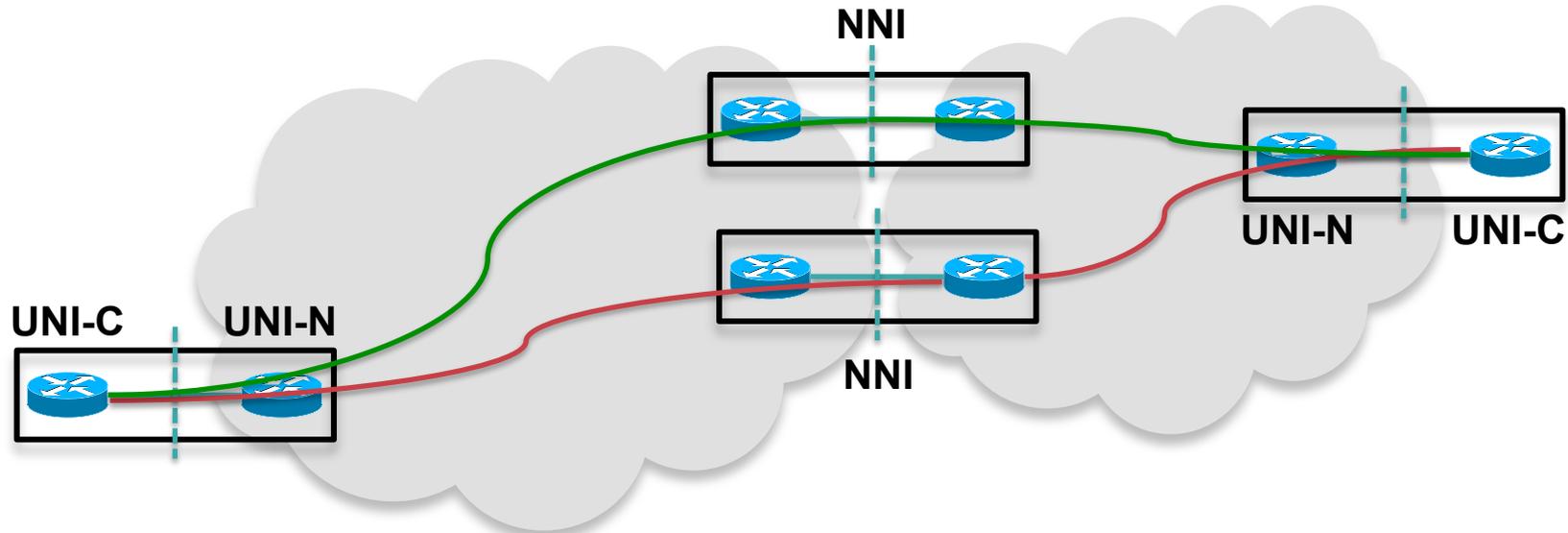
Coriant R&D GmbH

Zhang Xian

Huawei

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Requirements



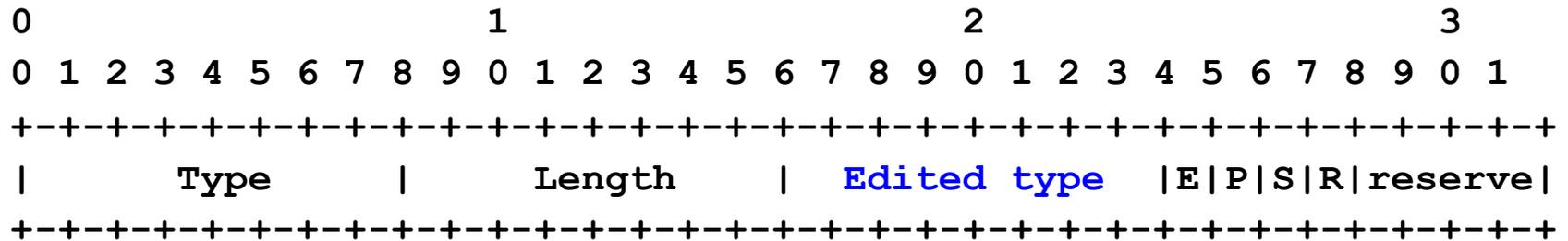
- Policy in server network may require information in RRO be edited, summarized or removed. E.g., GMPLS UNI, inter-domain, etc.
 - Client nodes need to know how RRO contents has been manipulated.
- RRO reduction to avoid packet fragmentation.

Requirements – Cont.

- The requirement was identified in the following WG drafts:
 - SRLG Recording - draft-ietf-ccamp-rsvp-te-srlg-collect.
 - TE Metric Recording - draft-ietf-ccamp-te-metric-recording.
- Working group feedback was to define a generic RRO-edit mechanism, which is extendable to all RRO sub-objects.

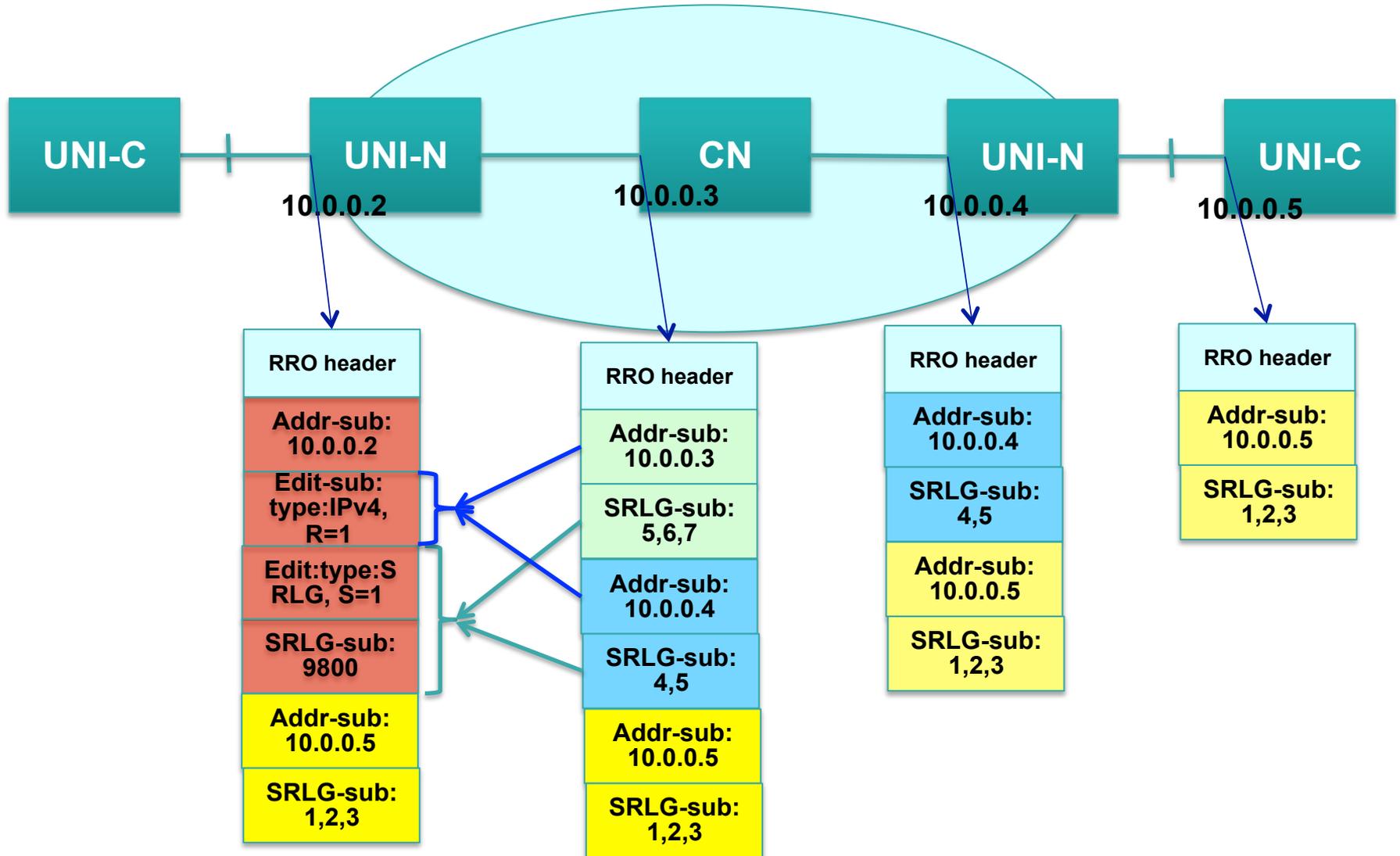
RRO-edit RRO sub-object

- Insert a new RRO-edit sub-object for each subobject been edited.



- **Edited type**: The type of the sub-object being manipulated.
- **E** : Edited bit – subobject(s) of **edited type** has been edited in some way.
- **P** : Partial bit – subobject(s) of **edited type** is known to have incomplete info.
- **S**: Summary bit – subobject(s) of **edited type** has been summarized.
- **R**: Removed bit – subobject(s) of **edited type** has been removed.

RRO edit example



Next Steps

- Work on a couple of working group documents depends on this draft.
- Authors would like to request a quick call for WG adoption.