

Draft-ietf-ipv6-2461bis-02
update

Objective

- Summarise the status of the draft
- Briefly describe the updates
- Describe plans for the next rev

Status

- Draft passed WG LC
- Late Comments from Pekka Savola included in the current revision (see Appendix F for changes)
- Further comments on processing of messages received without SLLAO are not completely addressed in the draft.

Receiving messages without SLLAO

- Problem: RFC 2461 (and bis) miss the case where an RS, NS or NA are received without an SLLAO. The current revision of the draft only addresses this issue for the RS.
- The problem is not significant for NAs as they are inherently unreliable and no response is expected.

Suggestion

- Text to go under section 7.2 (from Greg Daley):

“It is possible that a host may receive a solicitation or a router advertisement without a link-layer address option included. These messages will not create or update neighbor cache entries, except with respect to the IsRouter flag as specified in Sections X X X and Y Y Y .

If a neighbour cache entry does not exist for the source of such a message, Address Resolution will be required before unicast communications with that address to begin. This is particularly relevant for unicast responses to solicitations where an additional packet exchange is required for advertisement delivery.”

Suggestion ...cont

- Clarify the processing for receiving an NS and NA without the SLLAO in the relevant sections as per text on the last slide.

Other changes

- Comments were received from Tatuja Jinmei and were agreed to on the list. The next revision will incorporate modifications.