Neighbor Management Policy for 6LoWPAN

https://tools.ietf.org/html/draft-ietf-lwig-nbr-mgmt-policy-01

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History:

IETF97: Presented the problem statement, without the draft

IETF98: First draft, sample reservation policy described
IETF99: WG Adopted

IETF100: Clarifications. Described non-storing mop implications…

IETF101: Updated security considerations…

Updates

- Security Considerations
  - Handling Un-authenticated nodes NCEs
    - Reservation policy already helps
    - Further guidelines on keeping a lower NCE timeout value
  - Thanks to Malisa Vucinic for citing this in context to 6tisch.

Implementation Updates

- What Contiki has?

- What Contiki doesn't have?
  - Contiki doesn't have key management protocols thus..
    - Does not dintinguish between auth, un-auth NCEs

- Possible Next steps
  - Align Contiki (forked) implementation with the draft
  - Performance tests planned

Discussions

- Next steps:
  - Need Reviewers.

Thank You