Neighbor Management Policy for 6LoWPAN


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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 distinguish 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