A method for Generating Stable Privacy-Enhanced Addresses with IPv6 SLAAC

(draft-ietf-6man-stable-privacy-addresses)

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Overview of document history

- Document was IETF LC'ed in April 2013

- Comments received:

  - I-D was assuming that Interface Indexes are stable, when they might not

  - the threat assessment was incomplete

  - Interface IDs need not to vary across networks, since personal firewalls would prevent host tracking

- Document was sent back to the WG

Summary of changes since IETF LC

- Issue:
  - I-D was assuming that Interface Indexes are stable, when they might not

- Solution:
  - The document now does not require any specific source for an "interface identifier", but rather discusses possible sources and their pros and cons
  - Appendix A has been incorporated to address this issue

Summary of changes since IETF LC

- Issue:
    - the threat assessment was incomplete

- Solution:
    - The threat assessment has been augmented based on Alissa Cooper's feedback and wg discussions
    - Appendix C has been augmented, and Appendix B added

Summary of changes since IETF LC

- Issue:
  - Interface IDs need not to vary across networks, since personal firewalls would prevent host tracking

- Solution:
  - The I-D now notes that regardless of personal firewalls, it is still possible to probe nodes

    (e.g., routers will send ICMPv6 "Address Resolution failed")

Moving forward

- There has been support for the current version of the I-D (i.e., comments have been addressed)

- Ship the document?