Security Assessment of Neighbor Discovery (ND) for IPv6
(draft-gont-opsec-nd-security-01)

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Problem statement

- ND implementations are less mature than expected
- Don't want to wait for 10-15 years for them to improve
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- Does a security assessment of IPv6 ND
- Gets into more details than RFC 3756
- Provides concrete references to known implementation flaws
- Provides (non-normative) implementation guidance
- Similar to what we did for IPv4 in RFC 6274
Three high-level sections:

- Neighbor Discovery messages
- Neighbor Discovery mechanisms
- Neighbor Discovery vulnerability analysis
Questions to the working group

● Is this the right structure for the document?
● Possible reviewers?
● Possible contributors?
● General thoughts on the document?