

Implementation Advice for RA-Guard (draft-ietf-v6ops-ra-guard-implementation)

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on behalf of

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Overview

- RA-Guard provides feature parity with IPv4
 - RFC 6104 contains the problem statement
 - RFC 6105 specifies RA-Guard
- RA-Guard implementation is not straightforward:
 - IPv6 extension headers and fragmentation make implementation of RA-Guard trickier
 - Existing implementations are trivial to evade

draft-ietf-v6ops-ra-guard-implementation

- Describes evasion techniques for known RA-Guard implementations
- Focuses on providing concrete advice for RA-Guard implementation
- Document history:
 - draft-gont-v6ops-ra-guard-evasion
 - draft-gont-v6ops-ra-guard-implementation
 - draft-ietf-v6ops-ra-guard-implementation

Latest revisions of the I-D

- They mostly clarify the filtering rules
 - e.g., explicitly state that non-first fragments are passed by RA-Guard
- This document has been pretty stable during the last few revisions

Moving forward

- Document probably ready for WGLC
- Feedback always welcome, anyway

Feedback?

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