

Recommendations on the Filtering of IPv6 Packets Containing IPv6 Extension Headers (draft-ietf-opsec-ipv6-eh-filtering-03)

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Overview

- This document is an IPv6 version of RFC7126
- Summarizes security and operational implications of:
 - IPv6 Extension Headers
 - IPv6 options
- Provides operational advice on how to filter such IPv6 packets at transit routers
- It's critical to try to improve the state of affairs wrt the widespread dropping of packets with EHs

Changelog for version 03

- Filled in sections that had no content
- Minor editorial improvements

Request for feedback

- Change text to reference RFC8200 (rfc2460bis)?
- Reference both? (to address new and “legacy” implementations)

Moving forward

- WGLC after publishing next revision?