

# **Observations on IPv6 EH Filtering in the Real World**

**(draft-gont-v6ops-ipv6-ehs-in-real-world-02)**

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# Problem Statement

- IPv6 packets containing IPv6 EHs result in packets drop on their way to public Internet services
- Awareness in this area is deemed necessary; e.g.:
  - What is the packet drop rate for different EH types?
  - Where in the network such packet drops occur?

# Goals of our Internet-Draft

- Agree on the problem statement
- Provide data regarding support of IPv6 EHs in the real world
- Document the measurement process for further community involvement
- Provide help in the isolation of packet drops resulting from the aforementioned filtering

# Changelog

- Document now focuses on the real-world data:
  - Discussion of security and performance implications has been removed
  - Recommendations have been removed
- Measurement process now fully-documented:
  - A step-by-step “do it by yourself” section has been incorporated
- Miscellaneous edits and clarifications

# Moving Forward

- Adopt as a v6ops wg item?