

# draft-nward-ipv6-autoconfig- filtering-ethernet-00

# Intro

- Informational document telling L2 vendors how to filter autoconfiguration
- Prevent rogue RA or DHCPv6 servers
- Either malicious or accidental
- Came from discussion on NANOG, operators stating that autoconfig was “broken” because L2 vendors were not filtering it, like they are in IPv4
- Document operators can point vendors at for requirements

# Mechanisms

- Filter when:
  - Source MAC of DHCPv6 reply or RA is not expected
  - Source IPv6 link-local of DHCPv6 reply or RA is not expected
  - DHCPv6 reply or RA received on port/interface that is not expected
  - DHCPv6 query or RS is being transmitted out an interface/port that is not configured as having a router/DHCPv6 box

# Feedback

- I have a bunch of comments from Jinmei to integrate - on list
  - Mostly typos and editorial
- Anyone other comments?