Using Dummy IPv4 Address and Node Identification Extensions for IP/ICMP translators

draft-ietf-v6ops-icmpext-xlat-v6only-source-00

David 'equinox' Lamparter, Jen Linkova
IETF123, July 2025

Changes Since Adoption
(diff)

More Details on Why Not RFC6791

From RFC6791: Stateless Source Address Mapping for ICMPv6 Packets

3.2. Recommendations

The recommended approach to source selection is to use a single (or small pool of) public IPv4 address as the source address of the translated ICMP message and leverage the ICMP extension [RFC5837] to include the IPv6 address as an Interface IP Address Sub-Object.

Time for WGLC?(*)

(*) Dependency: WGLC for [draft-ietf-intarea-extended-icmp-nodeid]