ARIN 44
31 October - 1 November 2019 • Austin, Texas

Draft Policy ARIN-2019-17 Returned Addresses to the 4.10 Pool

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Problem Statement:

The current method of populating the IPv4 wait list (4.1.8.1) via returned address space is inconsistent and makes filling subsequent requests for IPv4 unpredictable.

Policy Statement – changes to 4.10

4.10. Dedicated IPv4 Pool to Facilitate IPv6 Deployment

In addition to the contiguous /10 IPv4 block set aside and dedicated to facilitate IPv6 deployment, all returns and revocations of IPv4 blocks will be added to the pool of space dedicated to the facilitation of IPv6 deployment.

This pool will be subject to a minimum size allocation of /28 and a maximum sized allocation of /24. ARIN should use sparse allocation when possible within the pool.

What will change

- The IPv4 pool dedicated for facilitating IPv6 deployment will be additionally populated by returned and revoked addresses.

- The waitlist will be decommissioned and all current requests will be grandfathered in.

Staff and Legal

- Policy can be implemented as written

- 4.10 pool was reserved in February 2011 and only 4% of the /24's have been issued.

- ARIN would be unable to provide IPv4 address space to existing organizations and new entrants for purposes such as customer assignments, shared hosting services, etc. The only option available would be the transfer market.

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Thank you.

Any Questions?

Discussion