ARIN XXIX
22-25 April 2012 • Vancouver, BC

Draft Policy 2012-1
Clarifying Requirements for IPv4 Transfers

2012-1 - History

1. Origin: ARIN-prop-151 (May 2011)

2. AC Shepherds: Dan Alexander, David Farmer

3. AC selected as Draft Policy (Feb 2012)

4. Revised/current version: 11 April 2012

5. Text and assessment online & in Discussion Guide

   https://www.arin.net/policy/proposals/2012_1.html

2012-1 – Summary

- Modifies the 8.3 transfer policy and adds an inter-RIR transfer policy (both for IPv4 addresses only).

- For 8.3 transfers, the source cannot have received IPv4 addresses from ARIN in the previous 12 months and will be ineligible to receive additional IPv4 addresses for 12 months after the transfer.

- For transfers from ARIN to another RIR, the source cannot have received IPv4 addresses from ARIN in the previous 12 months, and will be unable to obtain additional IPv4 addresses from ARIN for 12 months following the transfer. The recipient must qualify to receive the resources under the other RIR's policies.

- For transfers to ARIN from another RIR, the other RIR must verify the source is the authorized resource holder, and the recipient may request up to a 24-month supply of IPv4 addresses.

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2012-1 – Status at other RIRs

APNIC – Adopted

LACNIC – Panel discussion at LACNIC 16 (Oct 2011)

RIPE – Under discussion

2012-1 – Staff Assessment

Staff Comments: Issues/Concerns?

- Staff will use the "date of the transfer approval" to determine eligibility.

- The 12-month waiting period will deter flipping IPv4 address space via 8.3 transfers (within and from the ARIN region).
  - Other RIR communities should consider that this will not affect sources outside the ARIN region.

- The phrase, "reciprocal, compatible, needs-based policies" ensures that both RIRs have compatible inter-RIR policies and general number resource policies which are needs-based.

Implementation: Resource Impact? – Major (12 mos.)

- Careful coordination between the RIRs on DNS issues and updates for the inter-RIR transfers. Potential issues include:
  - Zone fragmentation, DNS synchronization problems, administrative and operational issues in coordinating reverse addressing
  - RPKI implications
- Updated guidelines and staff training

2012-1 – Legal Assessment

- There are no legal concerns regarding the policy except for some logical suggestions counsel has made to the policy text regarding inter region transfers. Other changes in the policy appear to have solved other legal concerns expressed in previous comments on earlier versions of this policy.

2012-1 – PPML Discussion

- **9 posts by 5 people (none in favor, none against)**
  - "...how is "exhaustion of ARIN's IPv4 space" defined?"
- **Earlier discussion of proposal: 62 posts by 16 people**
  - "…it's been watered down with the requirement for a needs test by ARIN, this is something I don't like, but still the proposal has some protections of the free pool which I think are necessary in order to get 2011-1 or something similar passed. I support free(er) trade of IPv4 addresses, and the proposal as modified still moves us in that direction."

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