

prop-095: Inter-RIR IPv4 address transfer proposal

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Introduction

Propose to allow and define a mechanism for the transfer of IPv4 address between APNIC account holders and organizations in other RIRs

Current problem

Current APNIC transfer policy is restricted to IPv4 transfers within the APNIC region.

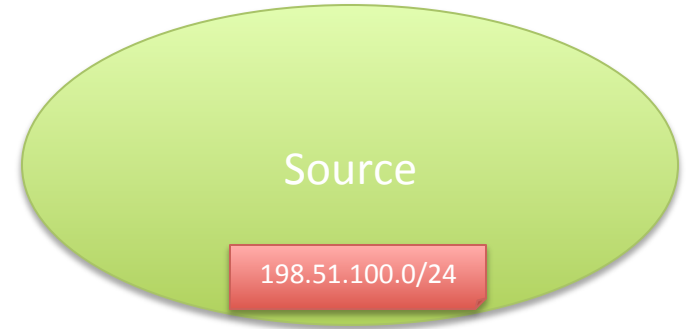
- To achieve one goal of transfer policy, that is efficient use of IPv4 address space, inter-RIR address transfer should be allowed.

Proposed inter-RIR transfer policy 1/2

Premise

- Inter-RIR transfers be permitted when the other RIR involved in the transfer has a policy in place that permits transfers of IPv4 address space between APNIC and their own region.

Proposed inter-RIR transfer policy 2/2



Conditions defined
by the policy of the
counterpart RIR
will apply.



Conditions defined
by APNIC's transfer
policy will apply

Situation in other RIRs

- In ARIN, there is a draft policy for inter-RIR address transfer
 - Draft Policy ARIN-2011-1
Globally Coordinated Transfer Policy
 - Version/date: 23 December 2011
 - Policy statement:
 - Any RIR's resource registrant may transfer IPv4 addresses to the resource registrant of another RIR as long as the two RIRs agree and maintain compatible, needs-based transfer policies that exercise Internet stewardship consistent with the values expressed in RFC2050.
 - Rationale: Since individual RIRs now allow transfers, it makes sense to be able to transfer between regions as well.
 - Timetable for implementation: upon ratification by the ARIN Board of Trustees

https://www.arin.net/policy/proposals/2011_1.html

- There are no similar proposals in the AfriNIC, LACNIC or RIPE regions.

Benefits/disadvantages

- Advantages:
 - This proposal will expand the scope of transferable IPv4 address space outside of the APNIC region, and therefore better meet one goal of the APNIC transfer policy, efficient use of IPv4 address space.
- Disadvantages:
 - The other RIR's transfer policy will apply when the source of the transfer is from the other RIR's region. This could potentially create confusion for APNIC account holders.

Implementation

- Add this new policy into “APNIC transfer, merger, acquisition, and takeover policy” document
 - Need to negotiate other RIRs?
- Impact to NIRs:
 - NIRs can select to implement this proposal or not.

Suggested inter-RIR transfer policy in ML



APNIC Account holder must meet APNIC criteria for receiving space



Source must meet Source RIR criteria for transferring space to another party.



APNIC Account holder must meet APNIC criteria for transferring space to another party



Recipient must meet Recipient RIR criteria for receiving space in a transfer.

Summary

Proposed to allow and define a mechanism for the transfer of IPv4 address between APNIC account holders and organizations in other RIRs

- Inter-RIR address transfer will make it possible to use IPv4 address space more efficiently.