

prop-106-v002: Clarifying operational practices in the APNIC region for transfers under the final /8 delegation

Shin Shirahata

Tomohiro Fujisaki

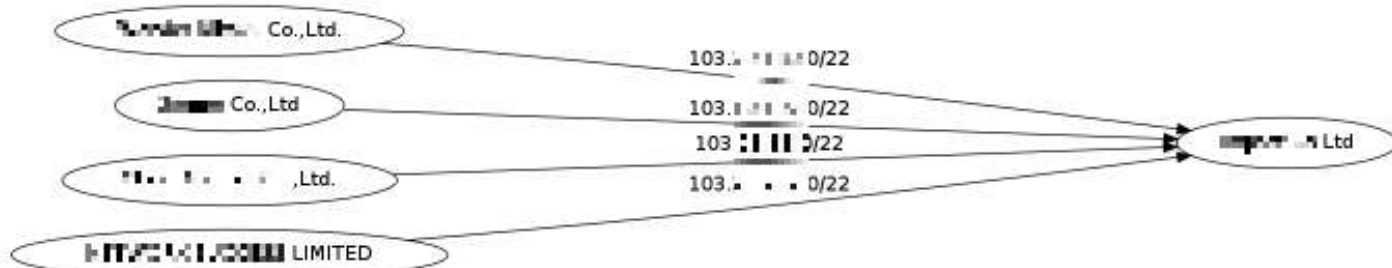
APNIC 35, 28 February 2013, Singapore

Introduction

- Operational guideline for address transfer is needed for address from final /8 block
 - When the final /8 policy was implemented, the possible loophole to the policy was pointed out for people who try to obtain multiple /22s from the final /8 block.
 - We believe having a clearly described operational guidelines would help RIR to take adequate actions when they find such cases.

Current problem

- Last /8 policy and its loop hole
 - The current APNIC IPv4 address management policy clearly states that "each new or existing APNIC account holder is only eligible to request and receive delegations totaling a maximum /22 worth of address space from the APNIC IPv4 address pool."
 - Based on our observations of the APNIC transfer history records, some LIRs seems to collect IPv4 address blocks under the final /8 range by using multiple accounts, and transfer these blocks to a single account.



Situation in Other RIRs

- No similar policy at other RIRs.

Proposal

- We propose to add following text in the APNIC guidelines document about IPv4 address transfers under the final /8 block.
 - For transfers of address blocks approved the final /8 policy, APNIC/NIR will confirm if it matches with the spirit of the final /8 policy.
 - When APNIC/NIR confirm requested transfers do not match with the spirit of the final /8 policy, it cannot guarantee to approve such transfers
- This would allow APNIC/NIRs referring to the guidelines document, when they find the case of misuse.

Pros/Cons

- Advantages:
 - Allow the APNIC secretariat to take adequate actions when they clearly find the case of misuse against the spirit of the final /8 policy.
 - It would not have a strong restriction as in the policy.
- Disadvantages:
 - There may be some opinions about the need to address the problem at this stage.

Implementation

- Effect on APNIC
 - Needs to justify transfers of IPv4 address blocks under the final /8 block
 - Outline proposed timeframe to implement the decision
 - 3 month from consensus.
 - Identify documents, forms that will need to be changed
 - APNIC-123
<http://www.apnic.net/policy/transfer-policy>
or
APNIC-124
<http://www.apnic.net/policy/add-manage-policy>
- Effect on NIRs
 - NIRs need to adopt this policy.

Summary

- We propose the described operational guidelines for the APNIC secretariat for IPv4 address transfer on last /8 block.
- It would help them take adequate actions when they find a such cases.



THANK YOU.