Prop-088: Distribution of IPv4 addresses once the final /8 policy starts

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Introduction

- Proposal to handle any IPv4 address space received by APNIC after the final /8 policy is implemented as being part of the final /8 pool and to redistribute these resources according to the final /8 policies

Current Problem

- Once APNIC has activated the final /8 policy it is possible that APNIC will receive further IPv4 resources
  - From AsiaPacific region networks which no longer need them
  - From the IANA if the global policy for redistributing IPv4 resources from IANA succeeds
- Original intent of final /8 policy was that it replaced all other IPv4 assignment and allocation policies
  - Current language does not repeal those, leading to potential for confusion

Situation in other RIRs

- There is no similar policy or proposal in other regions

Details of the Proposal

- When the final /8 policy is activated any IPv4 resources received will be placed in the final /8 pool
  - Even if this makes the pool larger than a /8
  - Applicable to:
    - addresses returned from holders of addresses in the APNIC database
    - Any addresses received from the IANA
- These resources will be distributed according to the final /8 policy

Advantages

- Reduces confusion possible if IPv4 resources are received outside the final /8 but during the period when the final /8 policy is active by explicitly stating how these IPv4 resources are to be handled

Disadvantages

- No disadvantages are foreseen

Impact on APNIC members and NIRs

- This proposal impacts all APNIC members
  - APNIC members can only request and receive a single distribution from the final /8. This would also apply to any other IPv4 addresses placed in the final /8 pool by this policy.

- This proposal has no direct impact on NIRS, but impacts members of NIRs in the same way it impacts APNIC members

Questions?