APNIC26
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Global Policy for the Allocation of the remaining IPv4 Address Space

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Proposal

- Distribute 1*/8 to each RIR for the at the end of IANA's unallocated pool
  - IANA to reserve 5*/8 separate from the standard IANA allocation blocks to RIRs
  - Continue allocations based on the current procedure until IANA's allocation blocks to RIRs hits zero
    - IANA should notify NRO when IANA pool will hit zero
  - Proceed to allocate 1 */8 to each RIR from the reserved block
    - RIR that made the last request in state2 will equally receive 1*/8 as other RIRs

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Impact on address planning for RIRs

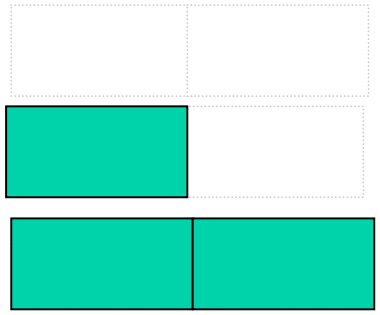
Applying No Policy

RIR's current free pool

size x

+

RIR's additional free pool



+ 0*/8?

+ 1*/8?

+ 2*/8?

Applying This Policy

RIR's current free pool

size x

+

RIR's additional free pool

Advantages

- Each RIR will know the size of IANA pool they can expect to receive at the end
- Help address planning of the remaining last blocks for each RIR region

Disadvantage

- A concern may be expressed that distributing 1*/8 to each RIR is not consistent with the actual consumption in each region
  - However, the impact of a single /8 in fast consuming RIR region is 1-3 months worth + no guarantee that they will be able to receive the space

Current Status I

- Consensus Reached in 3 RIRs
  - ARIN
  - LACNIC
  - AfriNIC
- Last call at RIPE
- Continue discussions at APNIC
  - It was pointed out that use the last /8 in APNIC should be defined first

Current Status II

- LACNIC reached consensus on distribution of their last block
  - /12 reserved for new comers
- Discussions in ARIN on how to use the final /8
  - To help with the deployment of IPv6
- Proposal@APNIC26 for the use of final /8

Q&A