

ARINIIX
Apr 8 Denver

End Policy for IANA IPv4 allocations to RIRs

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- Co-authors: Please check 2007-23 proposal.

Introduction

- This policy defines distribution of last pieces of IANA IPv4 address to RIRs

- Two proposals discussed at ARIN XX
 - Prop 2007-23 : distribute 1 */8 to each RIR
 - Prop 2007-18 : distribute 2 */8 to each RIR

Discussions and result @ ARIN XX

- Council confirmed @ARINXX there is no negative legal implications for ARIN.

- Discussions
 - General support for the idea of equal distribution to each RIR
 - More support expressed for 1 */8 allocation to each RIR

- Show of hands
 - For the concept: 69
 - Against the concept: 10

Status after ARIN XX

- ❑ Following the advice of ARIN AC after ARINXX, authors of prop 2007-23 and 2007-18 worked together on a common text that:
 - ❑ Maintains the same concept.
 - ❑ One /8 per RIR at the end of IANA pool.
 - ❑ Removes statistics requirements.
 - ❑ Takes the reservation concept from 2007-18.

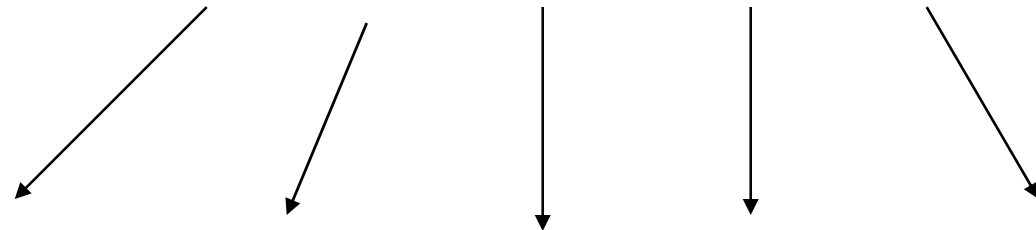
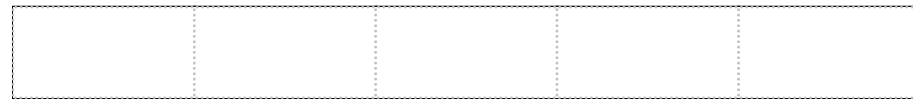
Proposal

Standard IANA pool



↑
an RIR

reserved IANA pool



APNIC

RIPE NCC

AfriNIC

ARIN

LACNIC



Impact

- Helps planning/pacing distribution of RIR pool as it ensures a single /8 each at the end

- Removes the chance of receiving more than 1 */8 but equally removes the chance of receiving no */8
 - A single /8 will make about 1 month difference in exhaustion date within ARIN region

Q&A

