

POLICY PROPOSAL

(Global)

Allocation of IPv4 Blocks to Regional
Internet Registries



Allocation of IPv4 Blocks to RIRs

History

Introduced on PPML	13 JAN 09
Accepted on AC's Docket	24 JAN 09
Revised	30 JAN 09
Status	Under development by the AC

AC Shepherds:
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RIR Activity	Similar Proposals	
	AfriNIC	NA
	APNIC	Same (Global)
	LACNIC	NA
	RIPE NCC	NA

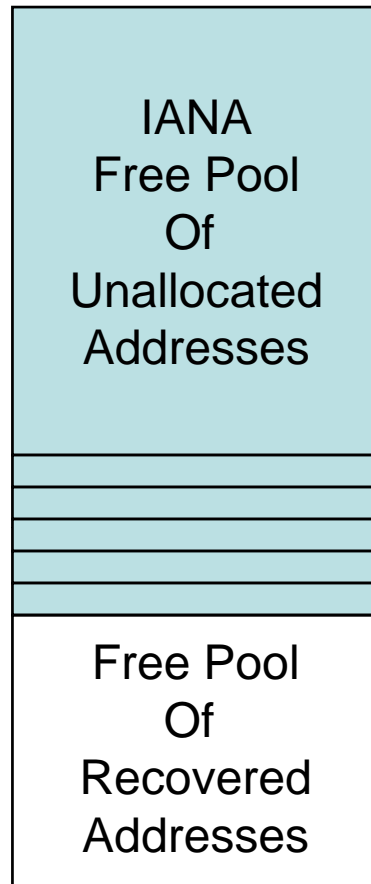
Allocation of IPv4 Blocks to RIRs

Summary

- RIRs would return all recovered IPv4 space to the IANA to form a new free pool.
- When the IANA /8s are gone, then the IANA to RIR allocation policy would change. RIRs could apply for 1/10th of the IANA free pool once every 6 months.

Policy
ASO-001-2
/8 allocations
Need= <50%

Policy
2007-23
Last
5 /8s



Now

Exhaustion

Proposed Global Policy

Phase I

Begins upon
ICANN
Ratification of
Global Policy
- Quarterly RIR
Recovery

Phase II

Begins upon
Exhaustion of
Unallocated
Free Pool
-Allocation Unit =
1/10 of Recovery Pool
-Allocations to RIRs
2x per year (3/1, 9,1)
- Need = <50% of
current allocation unit

Points to consider:

Global scheduling, not local needs based
Presumes RIRs will continue to recover and return
Every RIR receives same allocation regardless of
Need or Recovery Success

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Discussion

