

ARIN

XXXIX



22-25 April 2012 - Vancouver, BC

Draft Policy 2012-4

Return to 12 Month Supply and Reset Trigger to $\frac{1}{8}$ in Free Pool

2012-4 - History

1. Origin: ARIN-prop-162 (Jan 2012)
2. AC Shepherds: Robert Seastrom, David Farmer
3. AC selected as Draft Policy (Mar 2012)
4. Current version: 14 March 2012
5. Text and assessment online & in Discussion Guide

https://www.arin.net/policy/proposals/2012_4.html



2012-4 – Summary

- This proposal would revert NRPM section 4.2.4.4 “Subscriber Members After One Year” back to an earlier version in which an organization may request up to a 12 month supply of IPv4 addresses. At the time that the ARIN free pool is the equivalent of a /8, an organization would only be able to request a 3 month supply.

2012-4 – Status at other RIRs

No similar proposals/discussions.

2012-4 – Staff Assessment

Staff Comments: Issues/Concerns?

- ARIN has a limited supply of large aggregates. Staff believes it may be operationally prudent and practicable to reserve a single contiguous /8 to serve as the trigger for this policy. Benefits include:
 - Fixed, easily understood target for the community to track.
 - Clear view of inventory, more transparent to the community.
 - Would allow operators to better plan for the future as ARIN policy switches from a 12-month allocation window back to a 3-month allocation window.
- Issuing a 12-month supply of IPv4 addresses will likely significantly accelerate the depletion of ARIN's existing IPv4 free pool. Historically, ARIN's IPv4 consumption rate was roughly doubled when issuing a 12-month supply vs a 3-month supply.
 - Several very large requests could quickly deplete ARIN's free pool. In light of this fact, the community may want to consider bringing back a maximum allocation/assignment size.
- **Implementation: Resource Impact?** – Major (3 mos. to implement)
 - Software to track the /8 equivalent trigger
 - Updated guidelines and staff training



2012-4 – Legal Assessment

- The policy proposal is a major event, since it will dramatically change the date of IPV4 run out at ARIN. This is a profound policy, but not legal change.

2012-4 – PPML Discussion

- **20 posts by 8 people (5 in favor and 2 against)**
- “I'm very much in favor of a policy change that will speed ARIN runout to bring it more in line with APNIC and RIPE...”
- “Opposed... At face value, being able to request 12 months is a plus, however... it's at the risk of killing off the surplus we've built up too quickly”
- “I am not in favor of keeping v4 alive any longer than necessary. I would favor possibly taking it from 3 months to 6 months but probably not much longer than that.”



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