



Draft Policy 2011-6

Returned IPv4 Addresses

1. History including origin & shepherds
2. Summary
3. Status at other RIRs
4. Staff/legal assessment
5. PPML discussion overview

2011-6 - History

1. Origin: ARIN-prop-131 (27 Jan 2011)
2. AC Shepherds: Cathy Aronson, Chris Grundemann
3. AC selected as Draft Policy (17 Feb 2011)
4. Posted to PPML with assessment (21 Feb 2011)
5. Revised on 10 Mar 2011 (rev. assessment 30 Mar)
6. Current Version dated 10 Mar 2011
7. Text and assessment online & in Discussion Guide

https://www.arin.net/policy/proposals/2011_6.html



2011-6 – Summary

This policy proposal would require ARIN to retain any address space that is or has been returned, revoked or recovered for redistribution to customers within the ARIN region, except where otherwise directed by policy.



2011-6 – Status at other RIRs

No similar policy or proposals.



2011-6 – Staff Assessment

Staff Comments: Issues/Concerns?

1. The wording of the proposal seems to indicate that any address space, including a /8, that gets returned to ARIN gets added into ARIN's inventory and made available for redistribution. In all other instances where a legacy /8 has been returned to ARIN, ARIN has returned that space to IANA. This proposal would change that standard practice.
2. Staff will continue to implement its own operating procedures for recycling any returned address space.
3. The community should consider amending the Rationale to state “... status of existing and future returned IPv4 addresses” if that matches the policy intent. The clarification would avoid any misinterpretation in implementation when handling space returned, recovered, or revoked before policy adoption.

Implementation: Resource Impact? - Minimal



2011-6 – Legal Assessment

No legal comments.



2011-6 – PPML Discussion

- **35 posts by 14 people**
- **0 in favor, 3 against**
- “If all this proposal is saying is that ARIN will not return space from its region to IANA under any form and for any reason, let it just say so.”
- I do not support 2011-6. I believe hoarding resources within a region is poor stewardship of global resources. Perhaps this is overly idealistic, but I believe that while ARIN's mandate is to manage address resources within the region, that we should be responsible to do what is best for the entire internet community.”
- “It is understandable that people would want IPv4 resources to stay in the region when they are scarce. But what happens when the ARIN region starts to reach parity with IPv6 services? IPv4 resources will start to lose their urgency in this region, but will still be needed in others. “





Draft Policy 2011-6

Returned IPv4 Addresses