



**ARIN XXVI**

atlanta, ga • 6-8 october 2010

# Standardize IP Reassignment Registration Requirements

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Draft Policy 2010-14

# 2010-14 - History

Origin (Proposal 109)	<b>4 February 2010</b>
Draft Policy (Petitioned) /Current Version	<b>10 August 2010</b>

**Draft policy under control of:**

Chris Grundemann

**AC Shepherds:**

Marla Azinger

Cathy Aronson

# 2010-14 – Summary

(Standardize IP Reassignment Registration Requirements)

## Changes several policies

- Establishes that organization information is: Legal name, street address, and one technical and one abuse POC (both must have an email and phone number).
- Better defines residential customer.
- Replaces the current Cable Address Policy with a broader policy applicable to all Residential Market Areas.
- Extends the Residential Market Area policy to IPv6.
- Changes reassignment policy so that /64s and larger networks must be registered via SWIP/RWhois.
- Allows a resource review when ARIN believes an organization is not complying with reassignment policy.

# 2010-14 – Status at other RIRs

(Standardize IP Reassignment Registration Requirements)

- The existing cable policy is unique to ARIN.
- RIPE region is discussing IPv6 registration to customer areas, for example, registering a DSL customer area [Example, "v6xxx::/36 DSL pool in North London(assignment size /56)"]

# 2010-14 – Staff Assessment

## Legal: Liability Risk?

Currently, counsel is reviewing US and Canadian law regarding the policy's suggested changes to the balance in current ARIN policy on customer 'privacy' and business proprietary information related to residential customers. At this point there is no significant legal issue.

## Staff Comments: Issues/Concerns?

1. The current cable policy requires 80% of the ISP's address space to be provisioned to hardware and to be reassigned, with 50% utilization. The proposal removes the 80% reassignment to hardware requirement.
2. Policy would benefit many of ARIN's customers who have residential areas (such as DSL, fiber, etc.)
3. This proposal provides a well-defined explanation of what a residential customer is and will be beneficial to both the community and to the staff. The existing definition of "residential customer" has caused some confusion for customers.

## Implementation: Resource Impact? - Major

Potential database impact (there are > 4 billion /64s in a /32).

Changes to business practices and templates

**Assessment available:** Discussion Guide, and at <http://lists.arin.net/pipermail/arin-ppml/2010-September/018168.html>

# Current 80 / 50 explained

- **Cable Provider gets 100 units of address space**
  - They deploy 20 units per 4 regions
  - Use per region over time:
    1. 15 out of 20
    2. 12 out of 20
    3. 8 out of 20
    4. 11 out of 20

They are at 80% applied to hardware, but not at 50% utilization. Utilization is 46%. They are not ready to request additional address space.

# 2010-14 – PPML Discussion

- 3 posts by 3 people
- 1 in favor, 0 against
  - Little discussion



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