



ONTARIO  
**TORONTO**  
18-21.APR.2010

# Reduce and Simplify IPv4 Initial Allocations

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## Draft Policy 2010-5

# 2010-5 - History

Origin (Proposal 102)	<b>5 November 2009</b>
Draft Policy	<b>23 February 2010</b>

## **AC Shepherds:**

Heather Schiller

Robert Seastrom

# **2010-5 – Summary**

## **(Reduce and Simplify IPv4 Initial Allocations)**

1. Reduces IPv4 minimum allocation from /22 to /23
2. ISPs receiving less than a /20 from ARIN must renumber if they come back to request additional space

# 2010-5 – Status at other RIRs (Reduce and Simplify IPv4 Initial Allocations)

- **Draft policy is unique to ARIN**
- **Current policy:**
  1. **AfriNIC**  
/22 minimum
  2. **APNIC**  
/22 minimum
  3. **LACNIC**  
/22 minimum
  4. **RIPE NCC**  
/21 minimum

# 2010-5 – Staff Assessment

<b>Legal: Liability Risk?</b>	<b>No</b>
<b>Staff Comments: Issues/Concerns?</b> <ol style="list-style-type: none"><li>1. The second half of 4.2.2.4 means that ISPs who say they will renumber will be held to that.</li><li>2. Failure to renumber can affect future requests.</li><li>3. 4.2.2.5 might be clearer without the word “initial” after its first use.</li></ol>	<b>Yes</b>
<b>Implementation: Resource Impact?</b> <ul style="list-style-type: none"><li>• New software/tools for tracking renumbering</li><li>• Create a plan for how to work with customers who fail to meet renumbering requirements</li></ul>	<b>Moderate</b>

## Assessment available:

- Discussion Guide
- <http://lists.arin.net/pipermail/arin-ppml/2010-February/016711.html>

# 2010-5 – PPML Discussion

- **Earlier proposal discussion**
- **38 posts by 10 People**
- **2 in favor, 1 against**
- “...the small single-homers who are currently tied to LIR-assignments that they are afraid will go away post-IPv4 runout, are EXTREMELY unhappy about things as it is now - and would be overjoyed to get anything at all - like this proposal.”
- “I think the most important thing you can convey to your customers is that renumbering is inevitable, no matter what ISP they select. ”



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