

# POLICY PROPOSAL 2008-5

Dedicated IPv4 Block to  
Facilitate IPv6 Deployment



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## History

Designated Formal Proposal	6 JUN 08
Public Policy Meeting	Nassau
Current Version	6 JUN 08

### Proposal Text:

- Discussion Guide
- [http://www.arin.net/policy/2008\\_5.html](http://www.arin.net/policy/2008_5.html)

RIR Activity	Similar Proposals	
	AfriNIC	NA
	APNIC	Last Call
	LACNIC	Adopted
	RIPE NCC	NA

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## Summary

- Designates a /10 (from ARIN's last /8) to be used to facilitate immediate IPv6 deployment (eg. dual stack servers, NAT-PT, NAT646). Prefix size /28 thru /24 (allocations and assignments), one prefix every 6 months.

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AC Shepherds

- Owen DeLong
- Matt Pounsett

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## Staff Assessment

<b>Legal: Liability Risk?</b>	<b>No</b>
<b>Staff Comments: Issues/Concerns?</b> <ul style="list-style-type: none"><li>– Supply timeframe unclear: 30 days? 6 months?</li><li>– “...must be members in good standing of ARIN.” Not needed; ARIN will continue to issue resources only to organizations that have paid their bills.</li><li>– Will affect DNS operations for independent allocations made that are longer than a /24.</li></ul>	<b>Yes</b>
<b>Staff Implementation: Resource Impact?</b> <ul style="list-style-type: none"><li>– Registration software and template changes</li></ul>	<b>Moderate</b> <b>(120-180 days)</b>

Assessment available at:

<http://lists.arin.net/pipermail/arin-ppml/2008-October/012233.html>

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## PPML Discussion

Posts	People
46	19

- 3 in favor, 1 against.
- Comments:
  - Reserving a /10 for transitional technologies is far from unreasonable.
  - A policy that said folks could get /28's for use in v4/v6 gateways might not be attractive or even useful, if these prefixes wouldn't get good reachability.
  - A reserved chunk of v4 space to carve out /28's and /30's for NATPT functionality is a compromise. A step in the right direction.

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