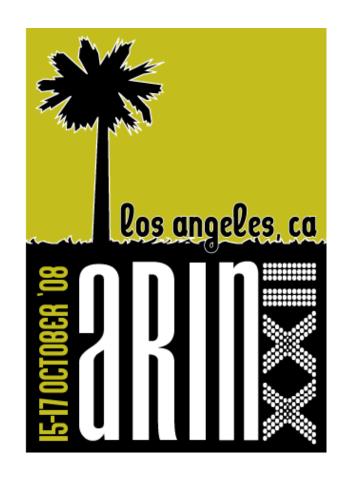
Dedicated IPv4 Block to Facilitate IPv6 Deployment



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

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

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.

AC Shepherds

- Owen DeLong
- Matt Pounsett

Staff Assessment

Legal: Liability Risk?	No
Staff Comments: Issues/Concerns? - Supply timeframe unclear: 30 days? 6 months? - "must be members in good standing of ARIN." Not needed; ARIN will continue to issue resources only to organizations that have paid their bills. - Will affect DNS operations for independent allocations made that are longer than a /24.	Yes
Staff Implementation: Resource Impact? - Registration software and template changes	Moderate (120-180 days)

Assessment available at:

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

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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