



Policy Implementation Report

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Purpose

- Update the community on recently implemented policies
- Provide relevant operational details



Recently Implemented Policies (since last ARIN meeting)



- **ARIN-2009-6: “IANA Policy for Allocation of ASNs to RIRs”**
 - Until 31 December 2010, RIRs can get one 16-bit and one 32 bit block of ASNs from IANA
 - After this date, IANA and the RIRs make no distinction between the two and will operate from an undifferentiated 32-bit pool of ASNs
- **ARIN-2010-8: “Rework of IPv6 assignment criteria”**
 - Need determined by total site count (sites get /48 or larger blocks)
 - Provides formula for initial assignment that allows for aggregation and growth (ARIN to assign on nibble boundaries, /48, /44, /40, etc.)
 - Subsequent assignments based on 75% site count (not individual site utilization)



- **ARIN-2010-1: “Waiting List for Unmet IPv4 Requests”**
 - Provides rules for an expected queue of IPv4 requests when address space becomes limited
 - Requests would either be filled with ARIN’s available space, or requestor has the option of being placed on a waiting list
 - Allocations/assignments are limited to one every three months
- **ARIN-2010-12 : “IPv6 Subsequent Allocation”**
 - Allows additional IPv6 allocation for transitional technologies (v4 to v6)
 - To date, 2 have been approved



Operational Feedback on Other Policies



- **NRPM 4.2.3.3 Multi-homed Connection (for End-users)**

- Reduces the multi-homed End-user IPv4 minimum assignment from /22 to /24
- End-users receiving less than a /22 from ARIN must renumber if they come back for additional address space
- **Since implementation in Sept. 2010, 163 approvals under this policy**
 - **Total /24s issued: 103**
 - **Total /23s issued: 48**



- **NRPM 4.10 Dedicated IPv4 block to facilitate IPv6 Deployment**
 - Implemented in April 2009, went into effect in Feb. 3, 2011
 - At IANA run-out, a contiguous /10 IPv4 block will be reserved to facilitate IPv6 deployment
 - **Staff has set aside 23.64.0.0 /10 for this purpose**



- **NRPM 3.6 Annual Whois POC Validation**
- Annual validation for all registered POCs
 - If no response within 60 days, marked as invalid in db
 - **As a result of community feedback, ARIN is no longer processing any requests from invalid POCs (via template or arin-online)**





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