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)

Returned IPv4 Addresses (2011-6)

- Stipulates that any IPv4 space returned to, recovered or revoked by ARIN must be retained for timely redistribution to ARIN region customers until a global policy is adopted that allows for the return of this space to IANA

Reserved Pool for Critical Infrastructure (2011-4)

- Reserves a /16 equivalent for issuing under the IPv4 micro-allocations for critical infrastructure policy (NRPM 4.4)
- If any of the reserved addresses are unused 36 months after implementation, ARIN may use the addresses for other purposes

Better IPv6 Allocation for ISPs (2011-3)

- Partial implementation - completed in Sept 2011(can issue up to a /24)
- Full implementation – by 15 February 2012
- Allows ISPs to have uniform subnets
  - **Each "serving site" gets a block large enough to number the largest serving site**
  - **Must be nibble-aligned: /32, /28/, /24 etc.**

Standardize IP Reassignment Registration Requirements (pp 2010-14)
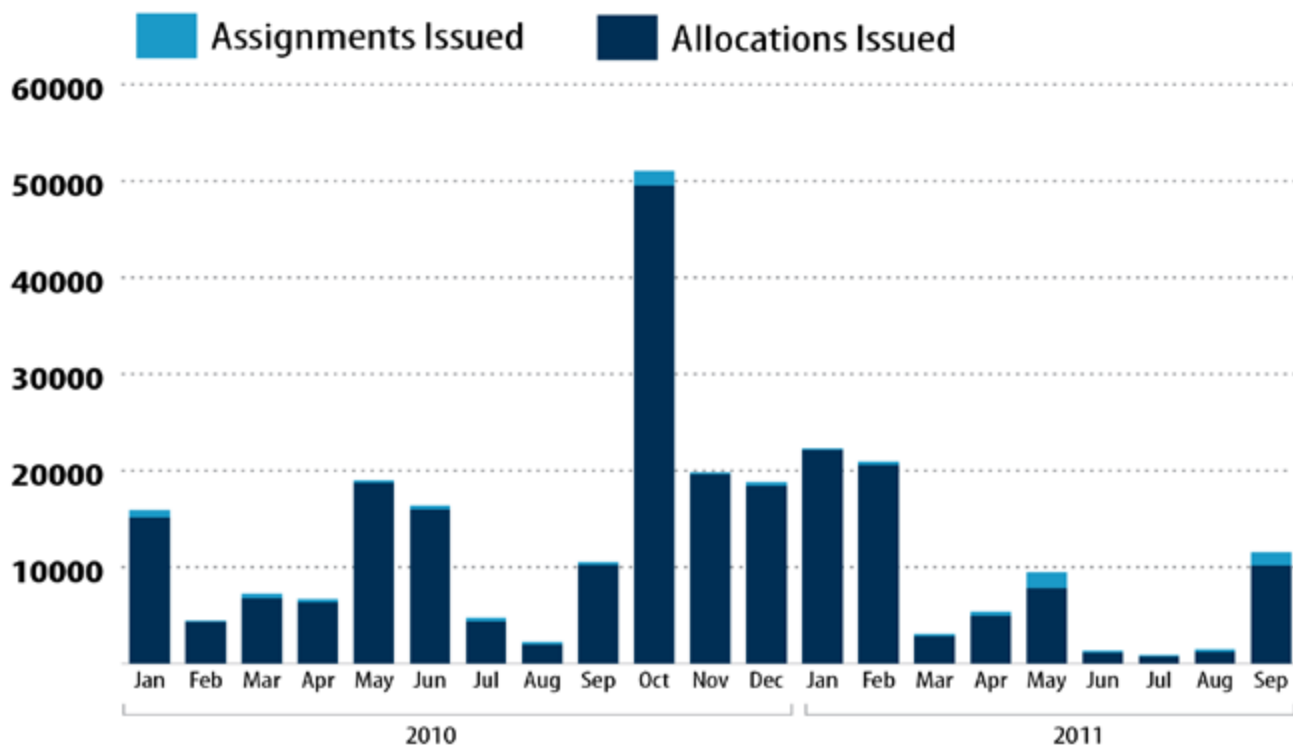
- Applies to all ISPs who issue from dynamic address pools to residential customers
- Requires enhanced reporting for IPv6 assignments
  - IPv6 /64 and larger static reassignments must be registered via SWIP/Rwhois
- Allows a <u>resource review</u> when ARIN believes an organization is not complying with reassignment policy
- Better <u>defines residential customer</u> (now excludes a business working from a home)
- Abuse contact will be required for all ORGs

Operational Feedback on Other Policies

NRPM 4.2.4.4 Subscriber Members After One Year

- When ARIN gets its last /8 from IANA, an ISP can request up to a 3-month supply of IPv4 addresses

IPv4 Assignments and Allocations Issued

Assignments Issued   Allocations Issued

1.16 /8s issued to date