



ARIN Update

Aaron Hughes
ARIN Board of Trustees

2015 Focus

- Increased focus on customer service
 - Based on feedback and survey
- Continued IPv4 to IPv6 Transition Awareness
 - Targeting ISPs and Content Providers
- Continued participation in Internet Governance forums
 - To maintain the community-based multi-stakeholder policy development model
- Participate in planning discussions for the transition of the stewardship of IANA to encourage responsible oversight of critical Internet resources
- Continued development and integration of web-based functionality

IPv4 Address Status

Free pool depleted on 24 Sep 2015

Options:

- Waiting List for Unmet Requests
- Transfers
 - Specified Transfer Listing Service
- Adoption of IPv6

Purpose Specific Inventory:

- **One v4 /10** for NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment” (two 24s issued so far)
- There is a small reserve for Critical Infrastructure, including exchange points. (approx. three 16s)

Trends

- ~~Customers continuing to make use of /24 minimum policy (this is done)~~
 - Many first time requests, new to registry system (still happening)
 - Upstreams sending their customers to ARIN (and this is still happening)
- Increase in market based transfers, including inter-RIR transfers
- More organizations opting to be added to the waiting list, currently 188 on the list
 - 13 requests were satisfied by the /14 which ARIN received on 1 SEP 2015 from the IANA

IPv4 Transfers (thru 31 October 2015)

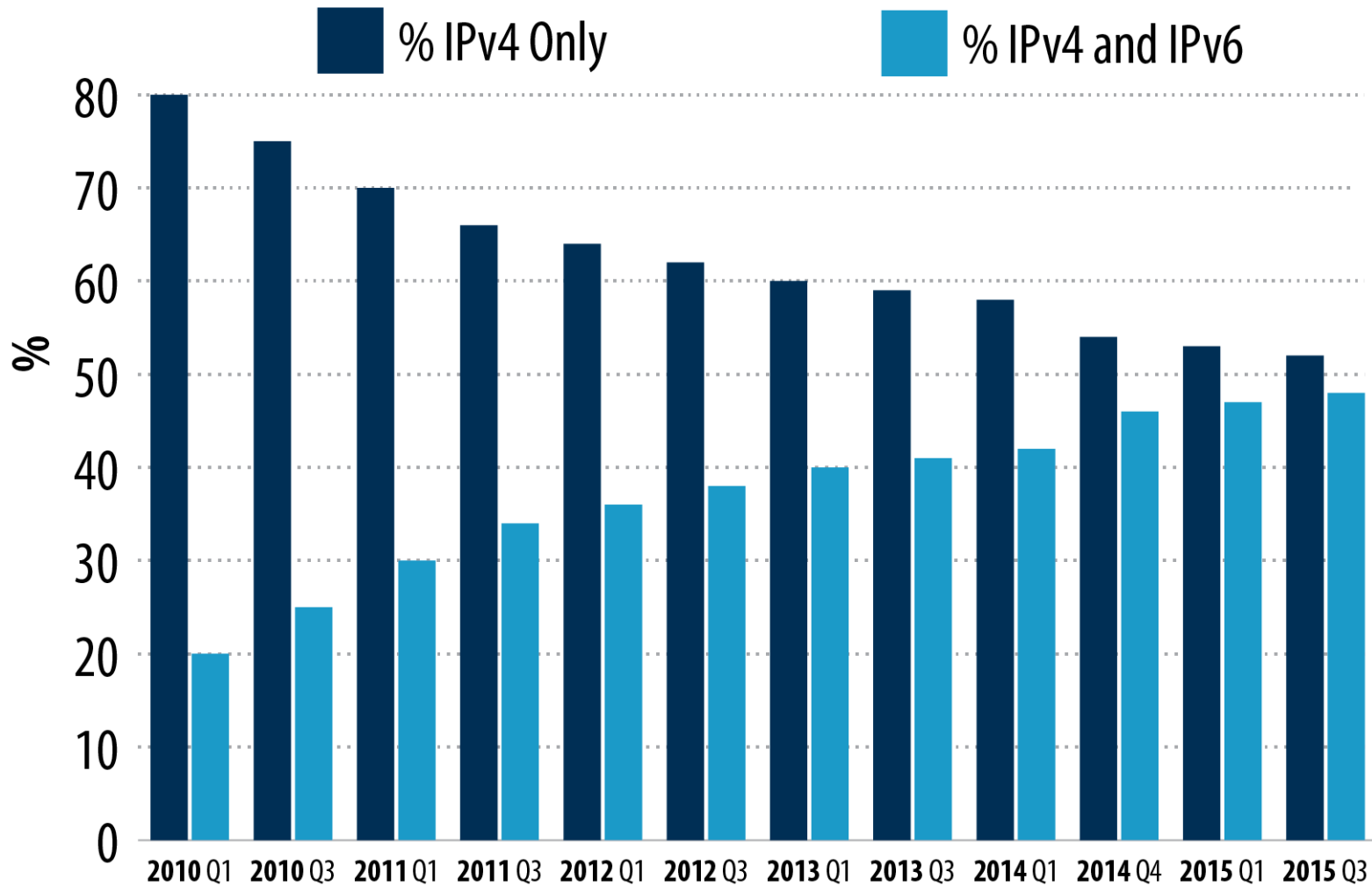
- **Transfers to Specified Recipients (8.3)**
 - 362 prefixes, ranging from /24s to a /10
 - 22 ASNs
- **Inter-RIR Transfers (8.4)**
 - 181 prefixes, from /24s to /13s
 - 179 ARIN to APNIC
 - 2 APNIC to ARIN

<https://www.arin.net/knowledge/statistics/transfers.html>

Operational Improvements

- Customer satisfaction survey
 - Working on follow up action items based on survey results
- Integrating transfers within ARIN Online
 - In-region done (NRPM Policy 8.3)
 - Inter-RIR transfers (NRPM Policy 8.4)
 - Outbound is done.
 - Inbound early next year.

ISP Members with IPv4 and IPv6



5,268 total members as of 31 October 2015

Policy Proposals

Last call recently ended

ARIN-2015-1: Modification to Criteria for IPv6 Initial End-User Assignments
(minimum of 13 sites will qualify for at least a /40)

ARIN-2015-4: Modify 8.2 section to better reflect how ARIN handles reorganizations

Under discussion

ARIN-2015-2: Modify 8.4 (Inter-RIR Transfers to Specified Recipients)

ARIN-2015-3: Remove 30 day utilization requirement in end-user IPv4 policy

ARIN-2015-5: Out of region use

ARIN-2015-6: Transfers and Multi-national Networks

ARIN-2015-7: Simplified requirements for demonstrated need for IPv4 transfers

ARIN-2015-8: Reassignment records for IPv4 End-Users

ARIN-2015-9: Eliminating needs-based evaluation for Section 8.2, 8.3, and 8.4 transfers of IPv4 netblocks

ARIN-2015-11: Remove transfer language which only applied pre-exhaustion of IPv4 pool

<https://www.arin.net/policy/proposals/>

ARIN Policy Meetings



