



ARIN Update

Owen DeLong
ARIN Advisory Council

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

Trends

- Many new customers making use of /24 minimum policy
 - Many first time requests, new to registry system
 - Some upstreams sending their customers to ARIN
- More and more Transfers

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)
 - Working on inter-region transfers (NRPM Policy 8.4)

Current IPv4 Inventory

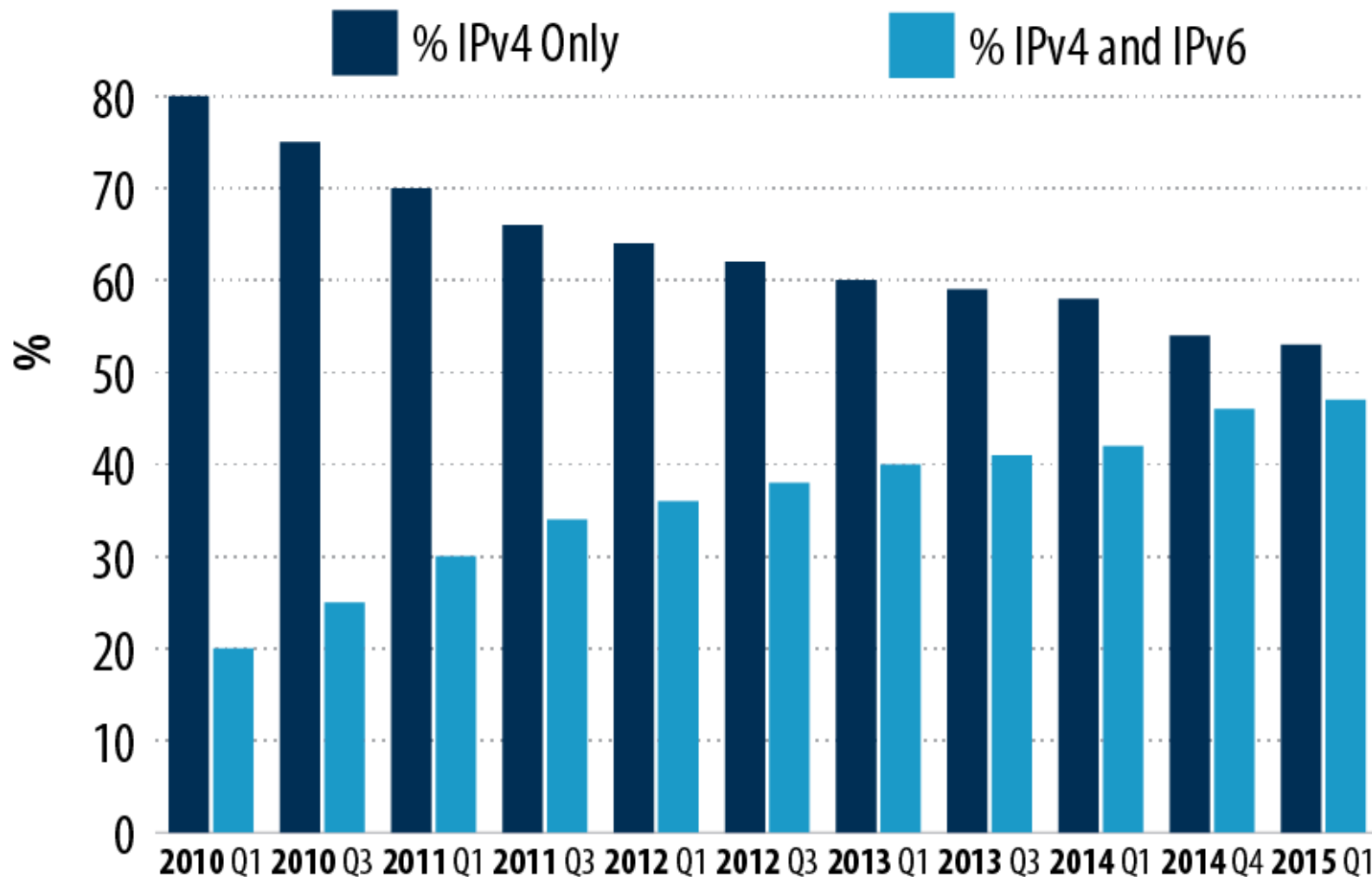
Available inventory:
.15 /8 equivalent



Reserved inventory:

- **~22 /16 equivalents** in “quarantine”
(returned, revoked, held space)
- **1 /10** for NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment”
- **218 /24s** for micro allocations

ISP Members with IPv4 and IPv6



5,071 total members as of 30 April 2015

RPKI Usage

	Q4 2012	Q2 2013	Q4 2013	Q2 2014	Q4 2014	Q2 2015
RPAs Signed	27	72	130	162	208	289
Certified Orgs		47	68	108	153	187
ROAs	19	60	106	162	239	308
Covered Resources	30	82	147	258	332	430
Up/Down Delegated			0	0	0	1

IPv4 Transfers (thru 5 May 2015)

- **Transfers to Specified Recipients**
 - 232 prefixes, from /24 to /12
 - 19 ASNs
 - Transactions often arranged through IPv4 brokers
- **Inter-RIR Transfers**
 - 157 prefixes, from /24 to /13
 - ARIN to APNIC thus far

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

Policy Proposals

Moving forward

1. ARIN-2014-17: Change Utilization Requirements from last-allocation to total-aggregate (to be implemented in June 2015)
2. ARIN-2014-6: Remove Operational Reverse DNS Text (awaiting Board ratification)
3. ARIN-2014-21: Modification to CI Pool Size per Section 4.4 (awaiting Board ratification)

Under discussion

1. ARIN-2015-1: Modification to Criteria for IPv6 Initial End-User Assignments
2. ARIN-2015-2: Modify 8.4 (Inter-RIR Transfers to Specified Recipients)
3. ARIN-2015-3: Remove 30 day utilization requirement in end-user IPv4 policy
4. ARIN-2015-4: Modify 8.2 section to better reflect how ARIN handles reorganizations

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

ARIN Policy Meetings



