



ARIN Update

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ARIN Board of Trustees

2014 Focus

- **IPv4 Depletion & IPv6 Adoption**
 - Working through ARIN's IPv4 Countdown Plan
 - Continuing IPv6 outreach
 - Preparing for increase in IPv4 Transfers
- **Increased focus on customer service**
 - Completed first ARIN customer satisfaction survey
- **Continued development and integration of web-based functionality**
- **Continued participation in Internet Governance forums**

Recent Trends

- 18% increase in IPv4 requests in past 12 months over 12 months prior
- IPv4 requests becoming increasingly complex
 - Increase in number of back and forth exchanges per ticket
- Increase in fraud reports from community
 - More due diligence and staff time required for these requests
- More out of region requests
 - Difficult to verify justification

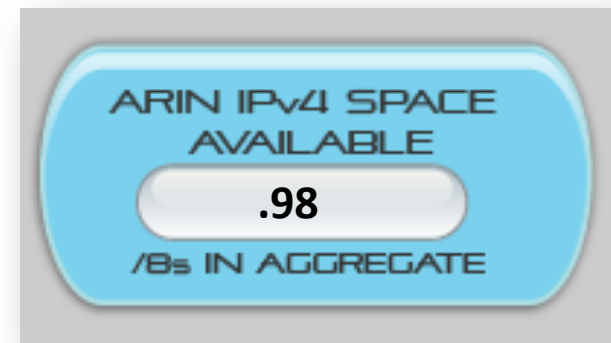
Operational Improvements

- New on-line video training series
 - Additional videos in development
- More ARIN on the Road trainings
 - 8 scheduled for 2014
- Additional functionality/tools being developed based on community requests
- Customer satisfaction survey
 - Working on follow up action items based on survey results

Current IPv4 Inventory

Available inventory:

- **.98 /8 equivalent** (this includes the /45 space)

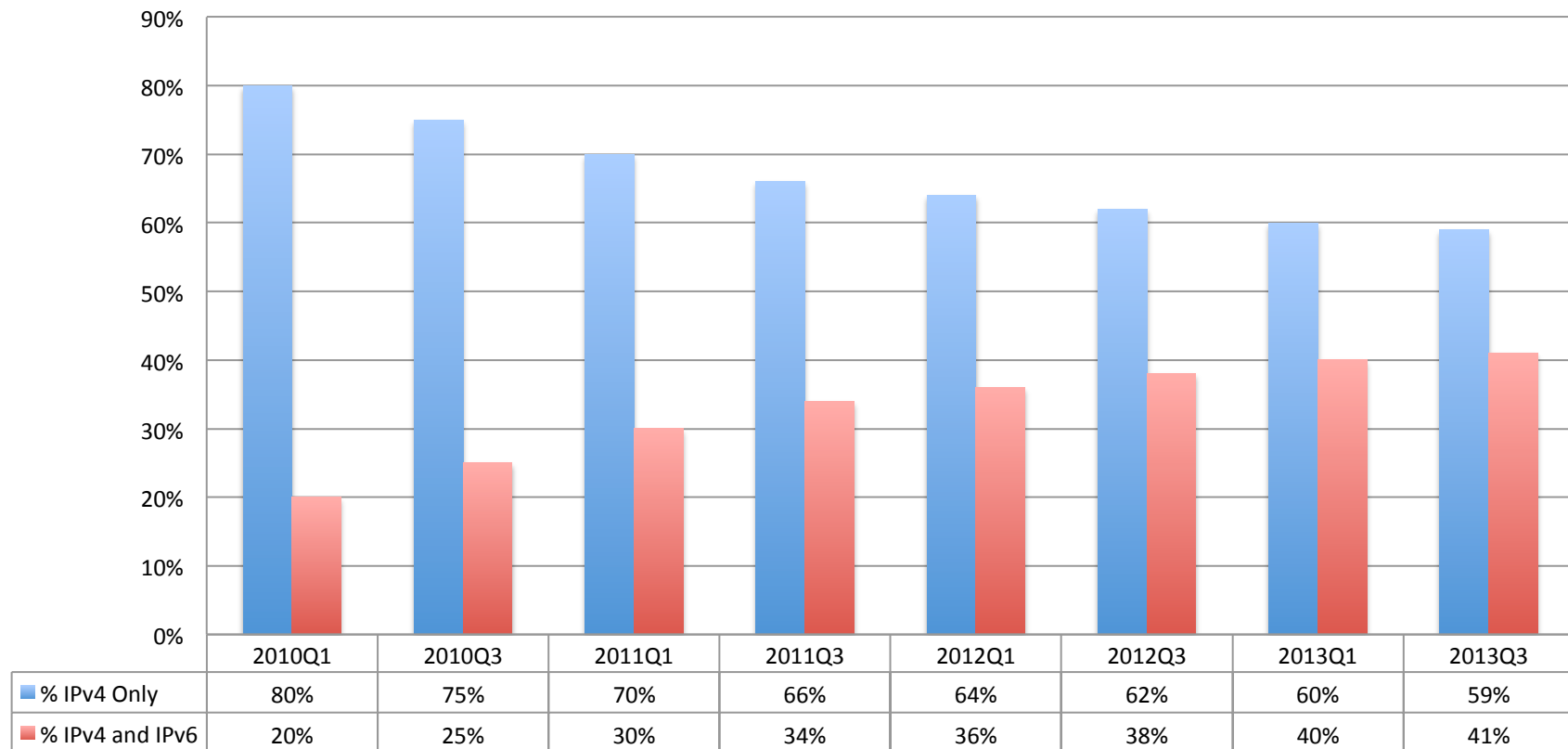


Reserved inventory:

- **~8 /16 equivalents** in “quarantine”
(returned, revoked, held space)
- **1 /10** for NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment”
- **231 /24s** for micro allocations

ISP Members with IPv4 and IPv6

IPv4-only and IPv4+v6 ISPs



4,727 total members as of 31 March 2014

“IPv4 Market Transfers”

- **Transfers to Specified Recipients**
 - 71 transfers completed (46,758 /24s and 11 ASNs)
 - Transactions often arranged through IPv4 brokers
- **Inter-RIR Transfers**
 - 24 transfers completed (2,677 /24s)
 - ARIN to APNIC only thus far

RPKI Usage

	October 2012	April 2013	October 2013	April 2014
RPAs Signed	27	72	130	162
Certified Orgs		47	68	108
ROAs	19	60	106	162
Covered Resources	30	82	147	258
Web Delegated		0	0	0
Up/Down Delegated			0	0

Policy Proposals

2013-7: NRPM 4 (IPv4) Policy Cleanup – Last call through 2 June

2013-8: Subsequent Allocations for New Multiple Discrete Networks

2014-1: Out of Region Use

2014-3: Remove 8.2 and 8.3 and 8.4 Minimum IPv4 Block Size Requirements

2014-4: Remove 4.2.5 Web Hosting Policy – Adopted

2014-5: Remove 7.2 Lame Delegations

2014-6: Remove 7.1 Maintaining IN-ADDRs

2014-7: Section 4.4 Micro Allocation Conservation Update – Adopted

2014-8: Alignment of 8.3 Needs Requirements to Reality of Business

2014-9: Resolve Conflict Between RSA and 8.2 Utilization Requirements

2014-10: Remove Sections 4.6 and 4.7 – Adopted

2014-11: Improved Registry Accuracy Proposal

2014-12: Anti-hijack Policy

Plus several new ones after ARIN 33 in Chicago.

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

ARIN Policy Meetings



Bellevue, WA | 2-4 June



Questions?

