



ARIN Update

NANOG 58

John Curran
ARIN, President and CEO

Current IPv4 Inventory



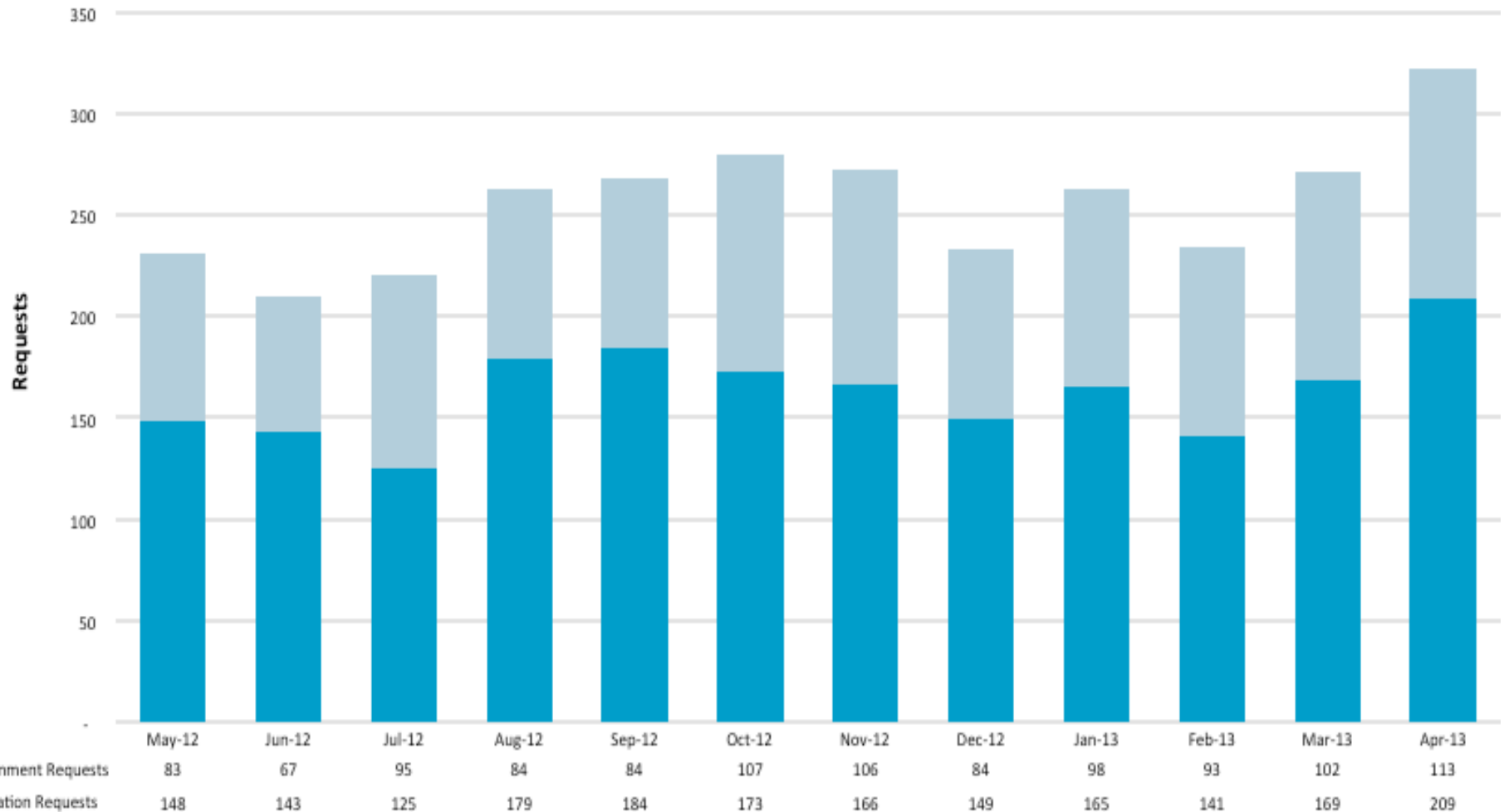
2.28 /8 equivalents
in the pool of
“available addresses”

~6 /16 equivalents in the “RRH” bucket
(RRH = returned, revoked, held)

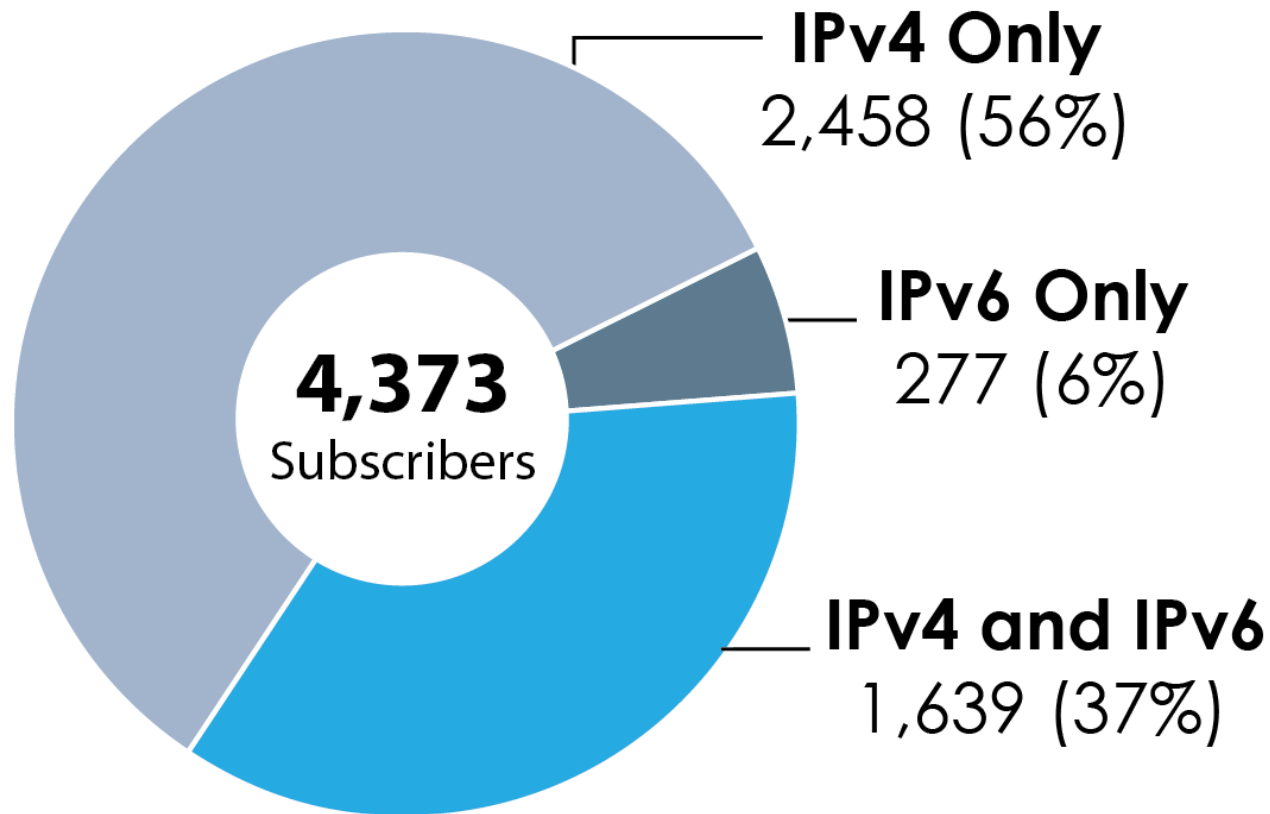
1 /10 reserved

- For NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment”

ARIN 2013 Requests for IPv4 Address Space (allocations/blue and assignments/gray)



IPv4 vs IPv6 Subscribers



IPv4 Inter-RIR Transfers (NRPM 8.4)

205.166.177.0/24	APNIC	October 2012
198.180.142.0/24	APNIC	December 2012
199.43.18.0/23	APNIC	December 2012
199.43.45.0/24	APNIC	December 2012
199.43.63.0/24	APNIC	December 2012
204.75.142.0/24	APNIC	December 2012
157.250.64.0/18	APNIC	January 2013
132.147.64.0/18	APNIC	January 2013
54.222.0.0/15	APNIC	April 2013
157.250.128.0/17	APNIC	April 2013
199.166.36.0/23	APNIC	April 2013

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

Public Facing Development Efforts

- **Accomplishments**

- Hosted RPKI since Sep 2012
 - 15 Orgs as of 2/11/13
 - 41 ROA's as of 2/11/13
 - 61 Relying Parties
- Web-based Delegated RPKI as of 2/16/2013
- Integrated Payments
- Extended Statistics Reports

- **Upcoming Near-term Work**

- Automated Invoicing
- Up/Down work on Delegated RPKI
- Oracle to Postgres Conversion

Upcoming ARIN Policy Consultations



Today - 4:45 PM

ARIN@NANOG - Public Policy Consultation

ARIN-2013-1: Section 8.4 Inter-RIR Transfers of ASNs

- Allows inter-RIR transfer of ASNs

ARIN-2013-2: 3GPP Network IP Resource Policy

- Makes it easier for 3GPP networks to get more IPv4 space

ARIN-2013-4: RIR Principles

- Adds RFC 2050 principles to number resource policy manual

ARIN-2013-5: LIR/ISP and End-user Definitions

- Updates ISP and End-user definitions

Text available at: <https://www.arin.net/policy/proposals/>

