



# **ARIN Update**

## **AfriNIC 15**

**Paul Andersen  
ARIN Board of Trustees**

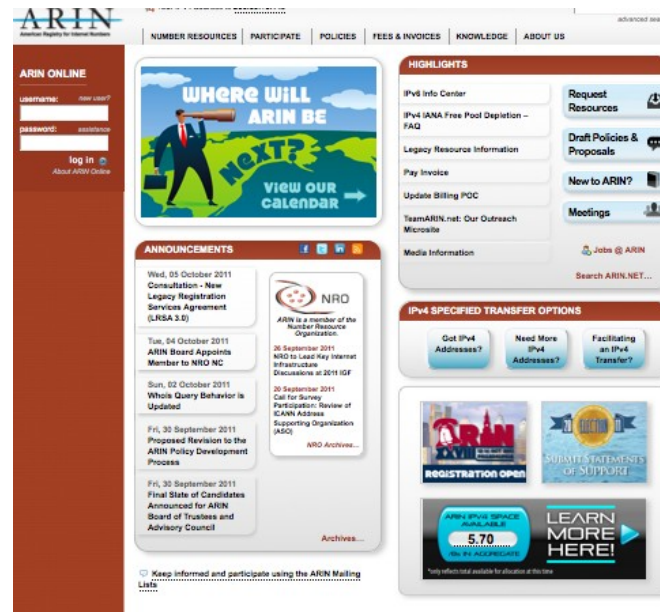
# 2011 Focus

- **IPv4 Depletion & IPv6 Uptake**
  - Developing, adapting, and improving processes and procedures
  - Continue IPv6 outreach
- **Implementation of new policies and services**
- **Continued development and integration of web-based system (ARIN Online)**
- **DNSSEC and RPKI deployment**
- **Continued participation in Internet Governance forums**

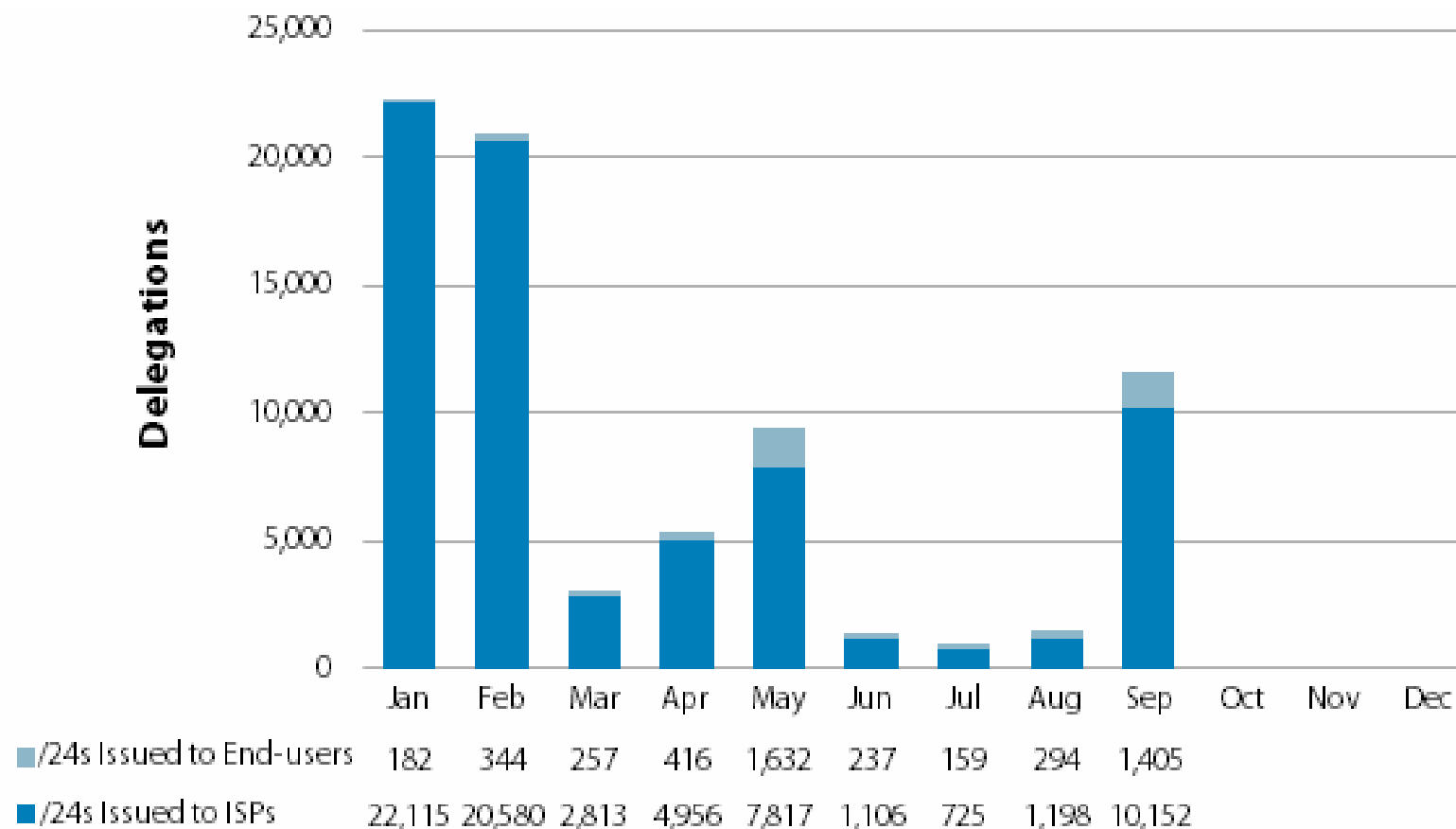
# ARIN Inventory Report

~5.65 /8s in available inventory

- Doesn't include quarantined space (reclaimed/returned space held for 6 months to clear filters, approx. six /16s)



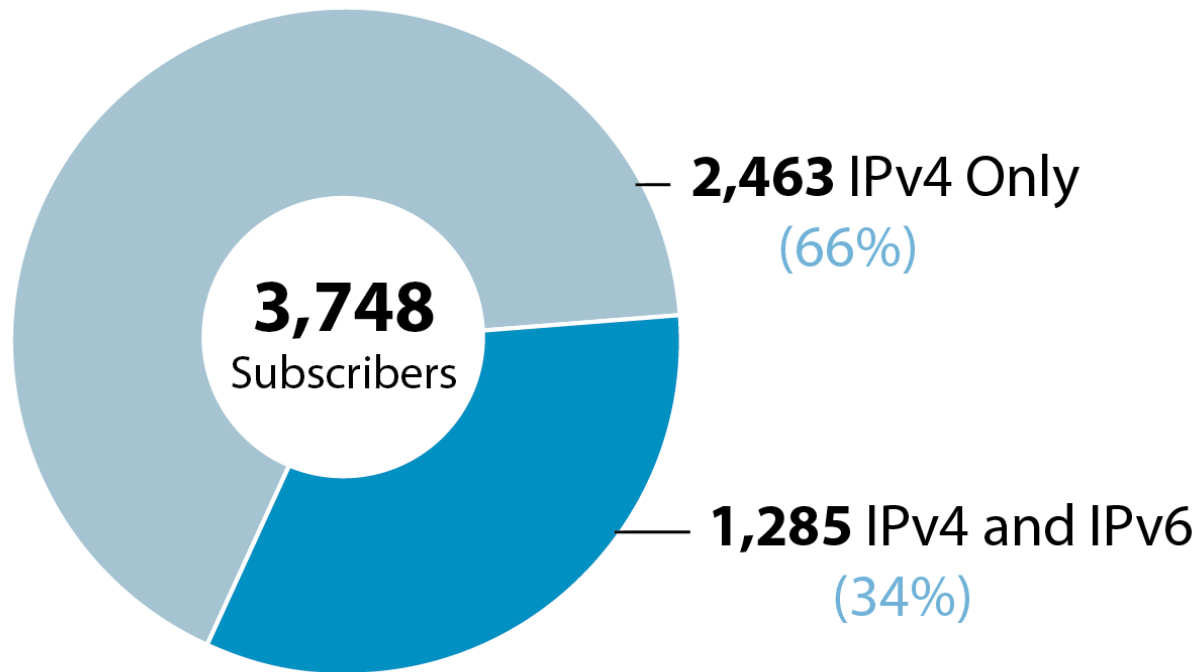
# 2011 IPv4 Delegations Issued By ARIN



\*\*1.16 /8s issued in Q1-Q3 2011

# ISP Members with IPv4 and IPv6

3,748 ISP subscriber members



# New Policies Implemented

## ARIN-2011-3: Better IPv6 Allocations for ISPs

- Extensive changes to IPv6 Allocation Policy
- Enables ISPs to request larger blocks of IPv6 space
- Implemented up to /24s

## ARIN-2010-14: Standardize IP Reassignment Registration Requirements

- Expands the “cable IPv4 allocation policy” to all ISPs with residential/DHCP-type customers (lowers utilization threshold, increases utilization information requirements)
- Requires SWIP for /64 and larger static reassignments
- Mandates Abuse POCs

# Proposals after ARIN 28

- **AC recommended adoption**

- ARIN-2011-1: ARIN Inter-RIR Transfers
- ARIN-2011-8: Combined M&A and Specified Transfers
- ARIN-2011-9: Global Policy for post exhaustion IPv4 allocation mechanisms by the IANA
- ARIN-2011-10: Remove Single Aggregate Requirement from Specified Transfer

- **Need more work**

- ARIN-2011-7: Compliance Requirement
- ARIN-2011-11: Clarify Justified Need for Transfers
- ARIN-2011-12: Set Transfer Need to 24 months

- **Abandoned**

- ARIN-2011-13: IPv4 Number Resources for Use Within Region
- <https://www.arin.net/policy/proposals/>

# Public Facing Development Efforts

- **ARIN Online**

- Billing integration initiated
- Templates and corresponding RESTful modules protected by API Keys

- **IRR**

- Rolled out a revamped IRR on September 29
- Added CRYPT-PW, PGP, and email notification of object updates

- **Value Added Security Services**

- RPKI
  - Hosted and Delegated in 2012
- DNSSEC
  - Fully implemented and operational



# 2011 Outreach Events

Ongoing participation in various local, national and international forums, focus on IPv4 depletion and IPv6 adoption.

## Events include:

- ARIN on the Road (Boston, San Jose, Montreal)
- Consumer Electronics Show
- Canadian ISP Summit
- Pacific Telecom Conference
- Joint Techs / Internet2
- ICT Roadshow events
- TTVN
- IT Roadmap
- Game Developers Conference
- Enterprise Connect



# Upcoming ARIN Meetings



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