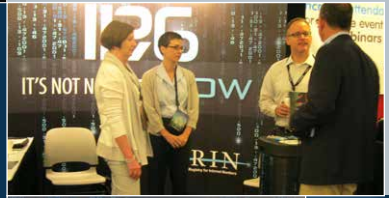




# ARIN



## 2013 ANNUAL REPORT







## TABLE OF CONTENTS

Organization Information.....	4
About ARIN .....	4
President’s Letter .....	7
Board of Trustees Report .....	8
Year in Review.....	12
Chief Operating Officer Report .....	13
Service Level Report .....	14
Department Reports .....	16
Internet Governance.....	19
Outreach and Education .....	21
Participation.....	23
Policy Development and Advisory Council Report .....	24
Statistics and Reports.....	27
Auditors’ Report .....	29

# ABOUT ARIN

ARIN provides services related to the technical coordination and management of Internet number resources. The nature of these services is described in ARIN's mission statement:

ARIN, a nonprofit member-based organization, supports the operation of the Internet through the management of Internet number resources throughout its service region; coordinates the development of policies by the community for the management of Internet Protocol number resources; and advances the Internet through informational outreach.

ARIN is structured to operate as a service organization that is responsive to the needs of the public it serves. It is organized and driven by the users in the community and is thus able to keep in step with their requirements.

These services are grouped into four areas.

## Registration Services

The Registration Services Department is responsible for the allocation and assignment of all Internet number resources within the ARIN region. Their responsibilities include IPv4, IPv6, and Autonomous System Number (ASN) registration, help desk operations, reverse delegation registration, as well as the maintenance of the Whois directory service, WhoWas, and Internet Routing Registry service.

## Organization Services

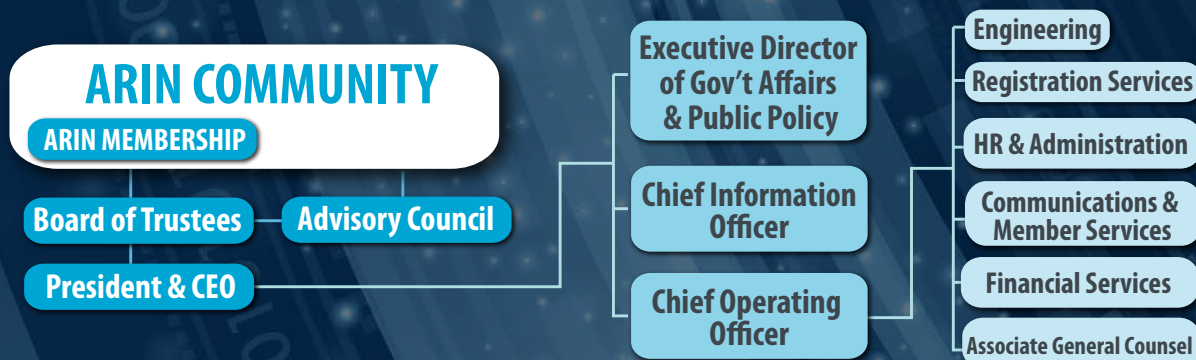
Organization services pertain to interactions between ARIN and its members and stakeholders. The Communications and Member Services Department is responsible for coordinating communications and outreach including public relations, general education, and training.

## Policy Development Services

Policy development services facilitate the development of policy for the technical coordination and management of Internet number resources in the ARIN region. This includes the support and administration of ARIN's Policy Development Process (PDP), conducting Public Policy Consultations and Public Policy and Members Meetings, maintaining discussion email lists, and publishing policy documents.

## Technical Services

ARIN develops technical services to support the evolving needs of the Internet community. The Engineering department is responsible for the development, implementation, and support of ARIN internal systems and community services, including ARIN Online, Cryptographic Authentication, DNSSEC, RESTful Provisioning (Reg-RWS), Resource Public Key Infrastructure (RPKI), and a community software repository.



## ARIN REGION



**ARIN serves the following economies:** Anguilla, Antarctica, Antigua and Barbuda, Bahamas, Barbados, Bermuda, Bouvet Island, Canada, Cayman Islands, Dominica, Grenada, Guadeloupe, Heard and McDonald Islands, Jamaica, Martinique, Montserrat, Saint Barthelemy, Saint Kitts and Nevis, Saint Lucia, St. Pierre and Miquelon, Saint Vincent and the Grenadines, St. Martin, St. Helena, Turks and Caicos Islands, Virgin Islands (British), United States (including Puerto Rico, Virgin Islands (US), and Minor Outlying Islands).



## PRESIDENT'S LETTER



We concluded yet another successful year of managing Internet number resources in the region in accordance with community-developed policy. I am pleased to have served as President and CEO during ARIN's sixteenth year of operation and want to point out a few highlights from throughout the year.

In August 2013, the IPv4 free pool in the ARIN region dropped below two /8s of remaining IPv4 address space, triggering Phase 3 of our four phase IPv4 Countdown Plan, with corresponding increases on the internal controls used in processing IPv4 requests. As IPv4 addresses become increasingly scarce, IPv6 adoption will become more critical for the entire Internet community.

Last year ARIN continued to educate network operators, hosting companies, enterprises, governments, and other organizations that rely on the Internet about the essential nature of IPv6 deployment. We exhibited at tradeshows, spoke at conferences, shows, and summits, and even hosted six ARIN on the Road events across our region. We re-launched our IPv6 wiki, worked with fellow community-interest organizations and network operator groups to promote the adoption of IPv6, and continued to provide useful materials online for anyone who wants to learn more about IPv6.

Throughout the year we also made several software releases aimed at improving our services to the ARIN community, many of which came in the form of improvements to existing tools and internal management software. The ARIN team focused the first half of the year on the implementation of the new Fee Schedule and corresponding Fee Calculator. New software also supported the fall elections thus allowing ARIN to further migrate from legacy systems in this area. Lastly, we successfully completed migration and upgrade of the ARIN central databases to a new platform based on PostgreSQL.

ARIN's updated Policy Development Process was adopted in January 2013, followed by the development and implementation of several new policies including the removal of the renumbering requirement for small multihomed organizations, the general alignment of number transfer policies, as well as a revision to the Critical Infrastructure reserve pool size. The community involvement in ARIN's policy formation is both valued and appreciated, and serves as an excellent example of the transparent, bottom-up policy development that I believe has been fundamental to the success of the Internet today.

Thank you for being a part of the ARIN community this year and for your support of ARIN. I look forward to serving you again next year and working together to help promote the growth and stability of the Internet.

John Curran  
*President and CEO*  
ARIN



# BOARD OF TRUSTEES REPORT



The Board of Trustees maintains authority over the scope, mission, and along with the President and Chief Executive Officer (CEO) establishes the strategic direction and fiscal oversight. The President and CEO, along with ARIN staff, executes the strategic direction through the operational management of ARIN. The Board also has oversight authority of the nomination, appointment, and election of individuals to Board committees and similar roles.

The Board votes on draft policies developed by the community in accordance with the Policy Development Process (PDP). <https://www.arin.net/policy/pdp.html>

The Board of Trustees consists of seven members. Six members are elected by ARIN's membership, and the President and CEO of ARIN serves as the seventh.

## MEMBERS

**Paul Andersen**, *Vice Chair and Treasurer*

**Vint Cerf**, *Chair*

**John Curran**, *President and CEO*

**Timothy Denton**

**Aaron Hughes**

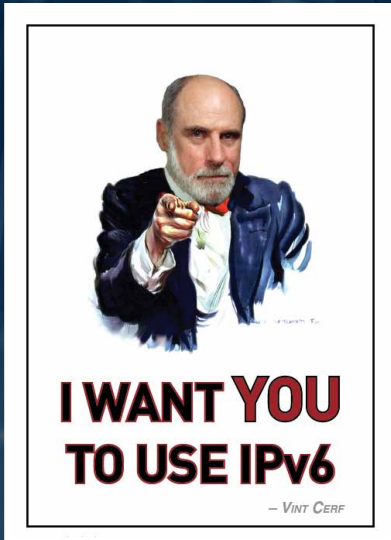
**Paul Vixie**, *Secretary*

**Bill Woodcock**

The Board holds approximately four in-person meetings and five to ten teleconferences annually.

View draft agendas and meeting minutes: [https://www.arin.net/about\\_us/bot/index.html](https://www.arin.net/about_us/bot/index.html)

# CHAIRMAN'S LETTER



ARIN is now in its 17<sup>th</sup> year as the Internet number registry for the region of Canada, USA, and parts of the Caribbean, and we believe ARIN has served this important role well. In 2013, ARIN maintained its sharp focus on stewardship of Internet number resources through the delivery of important registration, educational, and policy facilitation services throughout the region. ARIN also participated in Internet coordination discussions essential for maintenance of the wider Internet ecosystem.

In October, the leaders of the Internet coordination organizations issued the "Montevideo Statement on Internet Cooperation", which recognized the importance of and opportunity for enhancing the global multistakeholder Internet cooperation model. I believe that the principles set forth in that state-

ment are important goals for ARIN and the Internet number registry system to work towards, and that they highlight the need for ARIN to both serve as a resource for Internet governance information and to encourage participation by the our community in these important discussions.

There have been some opportunities to discuss Internet governance during our meetings in the past year held in Barbados and Phoenix, and we will have even more opportunities to continue these vital discussions in 2014 as issues pertaining to long-term plans for the future stewardship of the Internet ecosystem evolve.

I would like to thank my fellow Board members, alongside those serving on the Advisory Council and NRO Number Council, for their essential volunteer efforts and service to the ARIN community in addition to their day jobs. The Board joins me in expressing great pride and pleasure in ARIN's continued stability and reliability through this critical phase in Internet history. Most important, I want to thank the ARIN community for their continued involvement, as it is a pleasure to serve all of you.

Vinton G. Cerf

*Chairman*

*ARIN Board of Trustees*

# BOARD OF TRUSTEES ACTIONS

- Elected Officers:
  - Tim Denton, Chairman (1 January – 31 July)
  - Vint Cerf, Chairman (13 August – 31 December)
  - Paul Vixie, Secretary
  - Paul Andersen, Treasurer and Vice Chair
- Adopted Board Standing Rules
- Accepted the presented Finance Committee Charter and appointed Paul Andersen (Committee Chair), Bill Woodcock, and Aaron Hughes
- Authorized Treasurer for future commitments to “approve expenses beyond the current approved budget year”
- Accepted the amended Compensation Committee Charter and appointed Tim Denton (Committee Chair), Paul Andersen, and Paul Vixie
- Accepted the unchanged Audit Committee Charter and appointed Vint Cerf (Committee Chair), Tim Denton, and Paul Vixie
- Accepted the presented 2013 Mailing List Acceptable Use Policy (AUP) Committee and appointed Paul Vixie (Committee Chair), Ron da Silva, and Kevin Blumberg
- Accepted the presented 2013 ARIN Board Governance Committee and appointed Vint Cerf (Committee Chair), Paul Andersen, and Bill Woodcock
- Accepted the 2013 Fellowship Selection Committee and appointed Bill Woodcock (Committee Chair), Bill Darte, Steve Feldman, and Stephen Middleton
- Appointed Paul Andersen as the 2013 Number Resource Organization Observer from the ARIN Board
- Referred question of term limits to the ARIN Governance Committee
- Adopted the ARIN Board Travel Policy
- Adopted the proposed ISP Fee Schedule
- Approved the proposed end-user fee schedule
- Adopted the Policy Development Process as Revised
- Established PDP Simplification Committee, adopted charter, and appointed Bill Woodcock, Vint Cerf, Aaron Hughes, and Paul Andersen
- Approved sending to the Governance Committee the topic of improving the effectiveness of the ARIN Advisory Council
- Adopted ARIN-2012-6: Revising Section 4.4 C/I Reserved Pool Size
- Adopted ARIN-2012-8: Aligning 8.2 and 8.3 Transfer Policy
- Approved ARIN Advisory Council’s Standing Rules & Special Rules of Order
- Approved the correction of the Revised Fee Schedule
- Directed ARIN Finance Committee to convene a Fee Structure Review Committee and amend charter
- Adopted Financial Audit Report
- Adopted modification to 2013 Investment Policy
- Adopted ARIN 2012-2: IPv6 Subsequent Allocations Utilization
- Appointed Aaron Hughes as Vote Counter for the 2013 ARIN Elections
- Appointed the 2013 Nomination Committee with committee members Bill Woodcock (Committee Chair), Paul Andersen, Heather Schiller, Rob Seastrom, Timothy Doherty, Dmitry Kohmanyuk, and Brian Sutterfield
- Recognition: “In memory and deep gratitude, the ARIN Board of Trustees hereby recognizes Bob Stratton for his long standing dedication, tireless efforts, and commitment to excellence as ARIN’s Chief Financial Officer. His humor, intelligence and strength are greatly missed.”
- Accepted the proposal ‘Section 8.2 Reorganizations,’ as an editorial change
- Reaffirmed Commitment to Internet Governance Forum
- Adopted ARIN-2013-4: RIR Principles
- Adopted FY 2014 Budget
- Confirmed 2013 Election Results
- Approved revised ARIN Board Travel Policy
- Recognized Paul Vixie “for his dedication and service to the ARIN Board. His contributions to the Board will be missed, and we wish him the best in his future endeavors.”
- Adopted various Board Meeting minutes



## YEAR IN REVIEW



**Nate Davis**  
*Chief Operating Officer*

## CHIEF OPERATING OFFICER'S REPORT

2013 was a productive year for advancing ARIN's ability to better serve its mission and the community through improved and added services and information. The completed key initiatives, outlined in ARIN's operating plan goals, were:

- Conducted six ARIN On the Road Events and three Public Policy Consultations
- Implemented a new fee schedule
- Continued Resource Public Key Infrastructure (RPKI) development and deployments
- Integrated a new election system for the October 2013 elections
- Implemented a new meeting registration system
- Completed the migration from Oracle to PostgreSQL database
- Deployed ARIN Online enhancements
- Conducted educational outreach regarding the imminent depletion of the regional IPv4 free pool, IPv6 deployment, and the community-based model of Internet number resource policy development
- Participated in key Internet Governance forums
- Established Service Level Agreements to provide measurable evidence of our responsiveness to the needs of our community and customers

ARIN in 2014 will continue largely on the same track while concurrently focusing more effort on ARIN Online suggestions which provide the greatest value to the community.

# SERVICE LEVEL REPORT

ARIN periodically reports service level commitments and performance against those commitments for community provided services. This report contains stated service level commitments and associated performance for each ARIN department that provides community services.

## FINANCIAL SERVICE

Service Level Commitment	Performance
Provide Customer Support from 9:00 AM to 5:00 PM, Eastern Time, Monday through Friday, excluding holidays.	100%
Response to phone and email messages from ARIN customers within two business days.	100%
<b>Billing schedule commitment:</b>	
Send invoices for new registrations within three (3) business days following the approval announcement sent by Registration Services.	100%
Send invoices for renewal IP allocations forty-five (45) days in advance of the beginning of the anniversary month.	75%
Send invoices for maintenance thirty (30) days prior to the beginning of the anniversary month.	75%

*The usual rating of 100% SLA for Renewal and Maintenance Billing was effected in 2013 while the community and the ARIN Board of Trustees were tasked with evaluating changes to the fee schedule and determining the effective date. Under these circumstances, the usual advanced billing was suspended. The ARIN customers for the billing months January – March, were notified of the delay. As an offset, the usual due date was modified with a onetime adjustment, providing customers with the customary 60 day period prior to the due date.*

## COMMUNICATIONS & MEMBER SERVICES

Service Level Commitment	Performance
Provide Customer Support from 9:00 AM to 5:00 PM, Eastern Time, Monday through Friday, excluding holidays.	99%
Publish ARIN's Annual Report by the first Public Policy and Members Meeting of the year.	100%
Conduct two Public Policy and Members Meetings each year.	100%
Publish meeting minutes and presentations online within seven (7) business days of meeting conclusion.	100%
Conduct annual elections for the ARIN Board of Trustees, ARIN Advisory Council, and the Number Resource Organization Number Council (NRO NC)	100%

## REGISTRATION SERVICES

Service Level Commitment	Performance
Provide Customer Support from 7:00 AM to 7:00 PM Eastern Time, Monday through Friday, excluding holidays.	99.35%
Respond to all email within two (2) business days at the latest, with the intended goal being a same day response	99.5%
Provide issue escalation services from 10:00AM to 4:00PM Eastern time, Monday through Friday, excluding holidays	100%
Response time by staff to ARIN Online web tickets*	1.65 days

\* Times not adjusted for non-business hours. Operating period January 1, 2013 – December 31, 2013.

## ENGINEERING

Service	Mean Time to Repair	Performance
Auto reply for Registration	1 hour	100%
Auto reply for Routing Registry	1 hour	99.8%
DNS Master Zones	30 minutes	100%
DNS Provided by ARIN *	5 minutes	100%
FTP Data *	12 hours	100%
RESTful (Reg-RWS) Services	1 hour	100%
Routing Registry *	24 hours	100%
RWhois *	1 hour	100%
Web Whois	30 minutes	100%
Webserver (http) *	30 minutes	100%
Webserver (https) *	24 hours	100%
Whois *	30 minutes	100%

\* Service commitment goal is to provide 24/7 with the following exceptions: Announced maintenance windows, scheduled and unscheduled outages by service providers

## ENGINEERING



**Mark Kusters**  
*Chief Technology Officer*

## MORE THAN THE EYE CAN SEE

From the outside, it may have looked like a quiet year for ARIN Engineering, but nothing could be further from the truth. While there were no big new service rollouts or major features added to ARIN Online, our development, operations, and quality assurance teams were hard at work. Our most visible efforts were in support of the new fee schedule, and included the development of a fee calculator and integration between ARIN Online and our billing system. We also normalized our inventory and statistics reporting to match that of the other Regional Internet Registries (RIRs) to provide uniform statistics among all the RIRs. We also worked hard to complete the suite of systems that are defined within the RPKI infrastructure. We now provide both hosted and delegated RPKI services to the community in production, and we will have an Operational Test and Evaluation environment (OT&E) available in early 2014.

Perhaps the most important step this year involved converting ARIN's database from Oracle to PostgreSQL. Over the past couple of years the Oracle licensing schemes changed in ways that reduced our flexibility and increased costs. In order to rehome our application stack to PostgreSQL, ARIN had to retool the remaining legacy internal tools. After the migration, we are no longer limited by number of database instances, which means we are now readily able to expand and provide more services – such as a fully replicated OT&E and better online disaster recovery systems. With this change, ARIN has successfully lowered costs and increased our flexibility which will improve our ability to meet the needs of our customers and community.

The groundwork is in place for Engineering to meet upcoming challenges as we take on a number of customer-facing initiatives as well as focusing on enhancing automation for handling transfers, and other projects in 2014.

## REGISTRATION SERVICES



**Leslie Nobile**  
*Director*

## PUTTING THE CUSTOMER FIRST

As we move closer to IPv4 depletion at ARIN, we are seeing a rapidly changing and evolving landscape in the Registration Services area. Two areas where we are seeing a real increase in traffic are transfer requests and first time IPv4 requestors. This rapidly changing environment has provided us with an excellent opportunity to refocus on the needs of our customers.

In January 2013, we began including a link to a customer feedback survey at the conclusion of all request transactions so we could get direct feedback on our performance and areas where we can improve. Additionally, for the second time in recent years, we brought in an external firm to conduct an audit of the Registration Services Department's practices and procedures to ensure adherence to community-developed policy. Feedback from both the

customer transaction surveys and the auditors has been generally very positive, but as with most things, there is always room for improvement. We have carefully analyzed the input we have received to date, and have identified several areas where we can incorporate those suggestions into our practices in order to enhance and streamline procedures and improve service to our customers.

One of the biggest areas of interest and concern remains the impending depletion of IPv4 and the status of the transition to IPv6. We will continue to keep the community well informed about the status of our remaining IPv4 free pool as we move through the various phases of our IPv4 Countdown Plan, and will identify any changes in processes and policies as we approach depletion.



## HUMAN RESOURCES & ADMINISTRATION



**Erin Alligood**  
*Director*

## NEW BEGINNINGS

While ARIN continues to have high tenure and employee retention rates (six years and 92 percent respectively), we did see an influx of new hires in 2013. Many existing contractor positions were converted over to full-time employees in the first half of the year. Also, several key personnel transitions occurred including myself as new Director of Human Resources and Administration and the reintroduction of Richard Jimmerson as Chief Information Officer. All in all, ARIN hired 12 new staff members in 2013, bringing the staff total to 58.

While ARIN's mission is focused on providing excellent service to its community, in HR we understand that the

ability to realize that mission is reliant on the quality and happiness of our teams. We continue to offer outstanding benefits to our employees. The HR team is also working to improve internal systems, facilities, and procedures to enhance our work environment, while paying renewed attention to staff morale and training to increase our ability to effectively serve our customers. We hope that this holistic approach will result in tangible improvements, and we look forward to implementing new strategies in 2014.

## COMMUNICATIONS & MEMBER SERVICES



**Susan Hamlin**  
*Director*

## MAKING IT EASIER TO ENGAGE WITH ARIN

Communications and Member Services focused on improving and increasing opportunities for the ARIN community to take part in ARIN. We continued to expand on our one-day ARIN on the Road programs, and collaborated with the North American Network Operators' Group to host a joint ARIN + NANOG on the Road in Portland, Oregon in September. Based on the success of these events and their popularity with the community, we will continue to grow this program and take ARIN out to meet folks who have not had the opportunity to be involved in the past.

To broaden participation in ARIN's Policy Development Process (PDP), we implemented Public Policy Consultations (PPCs) as part of the new PDP, adopted in January 2013. Over the course of the year we conducted three PPCs

during NANOG meetings. We will continue to explore other appropriate industry events where we can co-locate a PPC to allow other audiences to take a more active part in ARIN public policy development.

We also continued to improve and expand our communications through ARIN's corporate website and Team ARIN. The hottest page at [www.arin.net](http://www.arin.net) was our IPv4 Countdown plan, as the community monitored the decreasing IPv4 free pool at ARIN. Efforts to turn up the volume on our Team ARIN blog resulted in 64 blog posts, including a wide variety of guest blogs, two of which were our most popular posts of the year. We also contracted with an outside vendor to support ARIN elections in order to make voting easier, which resulted in record voter turnout!

## FINANCIAL SERVICES



**Val Winkelman**  
*Director*

## NO SMALL CHANGE

ARIN has a history of stable and consistent fees, so it took a great deal of analysis and discussion involving the community, ARIN staff, and the Board of Trustees to determine the final version of the new fee schedule that was adopted July 2013. The changes were implemented to help balance overall fees so that customers receiving comparable services are paying comparable fees where feasible, and to reduce, where possible, the costs for smaller ISPs.

In order to help customers determine exactly how these changes would impact their fees paid to ARIN, we worked closely with our software development team to create a

fee calculator tool for community use. We published this tool in April to allow customers time to contact us with any questions or concerns about their new fees before ARIN migrated to the new fee structure.

Change isn't easy, but the community, ARIN staff, and the Board of Trustees have worked together to establish fees that will support the operation of ARIN as the needs of our community continue to evolve.

## CHIEF INFORMATION OFFICER



**Richard Jimmerson**  
*CIO*

## CUSTOMER ADVOCACY

You will notice a shift in the language you find describing our activities and services here at ARIN as we move forward into 2014. ARIN exists FOR its community, so we are recommitting ourselves to making sure that everything we do benefits the individuals and organizations that rely on ARIN as a critical resource provider.

In late 2013, I joined the organization tasked with finding ways to improve ARIN's customer service focus. The first step was to initiate ARIN's first customer satisfaction survey. The preparatory phase of the survey work was completed in 2013, and readied the organization for the open customer satisfaction survey planned for the first quarter of 2014.

The analysis of results of the survey will inform my role as the customer advocate inside the organization. As ARIN sets priorities and plans new services and features, I will be there to speak up for the community and make sure our future work maintains its focus on improving our customer service and experience.

I look forward to providing a lengthy accounting of ARIN's steps forward when I report on progress in 2014!

## GOVERNMENT AFFAIRS & PUBLIC POLICY



**Cathy Handley**  
*Director*

## INTERNET GOVERNANCE IN 2013

It has been a quiet year in comparison to 2012, when we faced more challenges to our community than we have ever seen, culminating in the ITU World Conference on International Telecommunications (WCIT-12). This year we saw the tensions from 2012 begin to ease. ARIN actively participated in the preparatory process for the ITU World Telecommunication/ICT Policy Forum (WTPF). Two of the resulting opinions that came out of the forum are very relevant and important to the ARIN community:

- Opinion 3: Supporting Capacity Building for the deployment of IPv6
- Opinion 4: In Support of IPv6 Adoption and Transition for IPv4

We appreciate the attention on IPv6 adoption as we continue to educate governments, enterprise and civil society about this necessary transition.

This year's meetings began a series of World Summit on Information Summit (WSIS)-related meetings that will culminate in the WSIS+10 in 2015. These meetings, where ARIN participated in the various Action Line workshops, addressed all dimensions of the WSIS achievements and outlined common views about the post-2015 arrangements. The Final Statement reiterated the importance of the multi-stakeholder approach when addressing the issues affecting knowledge and information societies. It also acknowledged the importance of and encouraged stakeholders to renew their commitment to the Internet Governance Forum (IGF).

In the fall of 2013, funding for the IGF was in peril, and the community, including both public and private sectors, rallied and contributed to ensure that Bali IGF meeting was held according to plan. ARIN, recognizing the unique and important role of the IGF, responded with a financial donation in order to help preserve this venue for multi-stakeholder dialogue.

The Caribbean Association of National Telecommunication Organizations (CANTO) meeting this year also reflected the growing interest by governments our region. In the past ARIN has always participated in this event, but we have

not always been met with as much interest as we saw this year. We were kept quite busy by folks stopping by to find out more about us, IPv4, and IPv6; all of which is a good indicator that ARIN is becoming a known entity in the Caribbean. We want to keep the interaction going and are already discussing plans for CANTO's 30<sup>th</sup> Annual General Meeting in 2014.

ARIN also participated in preparation for the 2014 World Telecommunication Development Conference (WTDC). As a member of the ITU Development Sector, ARIN is looking for opportunities to continue our education and outreach efforts in this area to support capacity building. While we are relatively new to doing work in the ITU Development Sector, members of the community and the Director, Brahim Sanou, have welcomed our participation; and I believe this will prove to be an exciting and rewarding opportunity.

In addition to working independently, ARIN also participates collectively with other organizations involved in critical Internet operations to discuss common issues. This consortium is referred to amongst its members as the I\*(pronounced "I Star"). The most recent public output of this group, to which ARIN was a signatory, was the Montevideo Statement on the Future of Internet Cooperation.

The year ended with a surge in new efforts driven by the Montevideo Statement, the outgrowth of which is now referred to as 1net. For the insider's perspective on the Montevideo Statement and its significance, I recommend John Curran's blog, entitled "A Framework for Recent Internet Governance Discussions – From Montevideo Statement to 1net." (<http://teamarin.net/2013/12/03/framework-for-recent-internet-governance-discussions-from-montevideo-statement-to-1net/>)

As we head into 2014, I am happy to say that ARIN has a strong and positive reputation in the many Internet Governance venues where we participate, and we will strive to keep that up going forward.



## OUTREACH & EDUCATION

# 2013 OUTREACH EVENTS



## SPEAKING

**Business Information Exchange IPv6 Webinar**  
Online, 15 January

**TIP '13**  
Honolulu, Hawaii, 13-17 January

**The Pacific Telecommunications Council '13**  
Honolulu, Hawaii, 20-23 January

**INET Denver**  
Denver, Colorado, 17 April

**HostingCon 2013**  
Austin, Texas, 14-16 June

**Lacnic in the Caribbean 5**  
Aruba, 17-19 July

**TXv6TF Summer 2013 IPv6 Summit**  
Houston, Texas, 17-18 July

**INET Washington DC**  
Washington, DC, 24 July

**M2M & Internet of Things Global Summit**  
Washington, DC, 1-2 October

## EXHIBITING

**CES**  
Las Vegas, Nevada, 8-11 January

**\*WISPAmerica**  
Covington, Kentucky, 1-4 April

**\*North American IPv6 Summit 2013**  
Denver, Colorado, 17-19 April

**Interop Las Vegas**  
Las Vegas, Nevada, 6-10 May

**IABC**  
New York, NY, 23-26 June

**\*CANTO 13**  
Aruba, 14-17 July

**Interop New York**  
New York, New York, 30 September – 4 October

**\*WISPAPALOOZA**  
Las Vegas, NV, 14-18 October

**\*2013 Canadian ISP Summit**  
Toronto, ON, 11-13 November

(\*denotes this was also a Speaking Event)

## ARIN & COMMUNITY EVENTS

**NANOG 57 and ARIN PPC**  
Orlando, Florida, 3-6 February

**APNIC 35**  
Singapore, 19 February – 1 March

**IETF**  
Orlando, Florida, 10-15 March

**ARIN on the Road NoVa/DC**  
Washington DC, 21 March

**ICANN 46**  
Beijing, China, 7-11 April

**ARIN 31**  
Bridgetown, Barbados, 21-24 April

**CaribNOG 5**  
Bridgetown, Barbados, 24-26 April

**LACNIC 19**  
Medellín, Colombia, 5-10 May

**RIPE 66**  
Dublin, Ireland, 13-17 May

**ARIN on the Road Overland Park (Kansas City)**  
Overland Park, Kansas, 21 May

**ARIN on the Road Birmingham**  
Birmingham, Alabama, 23 May

**NANOG 58 and ARIN PPC**  
New Orleans, Louisiana, 3-5 June

**ARIN on the Road Québec City**  
Québec City, Québec 13 June

**AFRINIC 18**  
Lusaka, Zambia, 9-21 June

**ICANN 47**  
Durban, South Africa 14-18 July

**IETF 87**  
Berlin, Germany, 28 July – 2 August

**APNIC 36**  
Xi'an City, Shaanxi Province, China, 20-30 August

**ARIN + NANOG on the Road Portland**  
Portland, Oregon, 10 September

**ARIN on the Road Calgary**  
Calgary, Alberta, 12 September

**Interop New York**  
New York, NY, 2-4 October

**NANOG 59 & ARIN PPC**  
Phoenix, AZ, October 7-9

**ARIN 32**  
Phoenix, AZ, 10-11 October

**RIPE 67**  
Athens, Greece, 14-18 October

**Internet Governance Forum 2013**  
Bali, Indonesia, 22-25 October

**LACNIC 20**  
28 October - 1 November, Willemstad, Curaçao

**IETF 88**  
Vancouver, BC, 3-8 November

**ICANN 48**  
Buenos Aires, Argentina, 17-21 November

**AFRINIC 19**  
Abidjan, Cote D'Ivoire, 23-29 November

# POLICY DEVELOPMENT

The community in the ARIN region engages in a Policy Development Process (PDP) to define how ARIN will manage and administer Internet number resources. These community decisions are recorded as policies and published in the ARIN Number Resource Policy Manual (NRPM).

<https://www.arin.net/policy/nrpm.html>

On 14 January 2013, a new version of the PDP was implemented following its adoption by the ARIN Board of Trustees. The new PDP superseded the version that had been in place since 7 January 2009.

The PDP was established to bring forth clear, technically sound, and useful policy. To that end, the Advisory Council has been empowered as a development body, and the process has been balanced through the expansion of the community petition process.

In 2013, nine policy proposals were submitted, eight were advanced to draft policy status and discussed by the community, and five (all of which were carried over from 2012) were adopted and implemented.

## VIEW POLICY PROPOSALS

Information about current draft policies and past policy proposals is available at: <https://www.arin.net/policy/proposals/>

## HOW DO INDIVIDUALS PARTICIPATE?

Subscribe to the Public Policy Mailing List (PPML) and discuss ideas for new policies, pending proposals, and draft policies: [https://www.arin.net/participate/mailling\\_lists/index.html](https://www.arin.net/participate/mailling_lists/index.html)

Participate in biannual Public Policy and Members Meetings or other Public Policy Consultations via webcast or as an attendee. <https://www.arin.net/participate/meetings/index.html>

Submit a proposal to create a new policy or to revise current policy. Read and follow the instructions in the PDP and submit your proposal. <https://www.arin.net/policy/pdp.html>

## NEW – PUBLIC POLICY CONSULTATIONS

One of the features of the new Policy Development Process (PDP) is the addition of the Public Policy Consultation (PPC), which allows for formal policy discussions to be held, in addition to biannual Public Policy Meetings, at other forums approved by the Board of Trustees. During 2013, three PPCs were conducted during North American Network Operators' Group (NANOG) meetings.



### VIEW THE REPORTS:

[https://www.arin.net/participate/meetings/reports/ppc\\_nanog59/index.html](https://www.arin.net/participate/meetings/reports/ppc_nanog59/index.html)

[https://www.arin.net/participate/meetings/reports/ppc\\_nanog58/index.html](https://www.arin.net/participate/meetings/reports/ppc_nanog58/index.html)

[https://www.arin.net/participate/meetings/reports/ppc\\_nanog57/index.html](https://www.arin.net/participate/meetings/reports/ppc_nanog57/index.html)

## NUMBER RESOURCE POLICY MANUAL (NRPM)

The NRPM is updated and published when new policies are adopted and implemented. In 2013, ARIN had NRPM updates in January, March, July and August. Details of the changes are recorded in the NRPM Change Log ([https://www.arin.net/policy/nrpm\\_changelog.html](https://www.arin.net/policy/nrpm_changelog.html)), and the most recent version is available at: <https://www.arin.net/policy/nrpm.html>.

## ADVISORY COUNCIL

The Advisory Council (AC) serves in an advisory capacity to the Board of Trustees on Internet number resource policy and related matters. Adhering to the procedures in the Policy Development Process (PDP), the AC forwards consensus-based policy proposals to the Board for ratification.

The AC consists of 15 elected members. The President and CEO of ARIN is an ex-officio member and acts as the liaison between the Board of Trustees and the AC.

### CURRENT MEMBERS:

Dan Alexander, Vice Chair

Cathy Aronson

Kevin Blumberg

Bill Darte

Owen DeLong

David Farmer

Chris Grundemann

Stacy Hughes

Scott Leibrand

Milton Mueller

Bill Sandiford

Robert Seastrom

Heather Schiller

John Springer

John Sweeting, Chair



The AC holds three in-person meetings and approximately nine teleconferences annually. The meeting minutes are published on the ARIN website: [https://www.arin.net/about\\_us/ac/index.html](https://www.arin.net/about_us/ac/index.html)

Elections were held during October to seat five representatives on the AC for three-year terms, which began 1 January 2014. Tina Morris was elected and Cathy Aronson, Owen DeLong, Scott Leibrand, and Milton Mueller were re-elected. Read the Election Guidelines for more information on how AC members are nominated and elected: [https://www.arin.net/participate/elections/elec\\_procedures.html](https://www.arin.net/participate/elections/elec_procedures.html)



# GLOBAL POLICY AND THE NRO NUMBER COUNCIL



The Number Resource Organization (NRO), <http://www.nro.net>, is a coordinating body for the five Regional Internet Registries (RIRs) – AFRINIC, APNIC, ARIN, LACNIC, and RIPE NCC. The NRO Number Council (NRO NC) fulfills the role of the Internet Corporation of Assigned Names and Numbers (ICANN) Address Supporting Organization Address Council (ASO AC) (<http://aso.icann.org/>), providing advice to the Board of ICANN on Internet number resource policy, in conjunction with the RIRs.

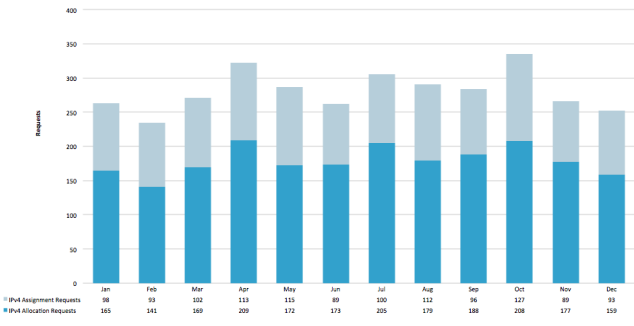
There are three NRO NC representatives from each RIR region. The members from the ARIN region for 2013 were Ron Da Silva, Louis Lee, and Jason Schiller. We thank them for their service and commitment to the global Internet community.



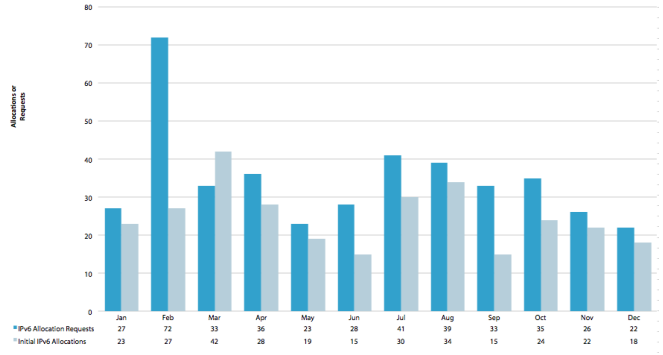


## 2013 **STATISTICS**

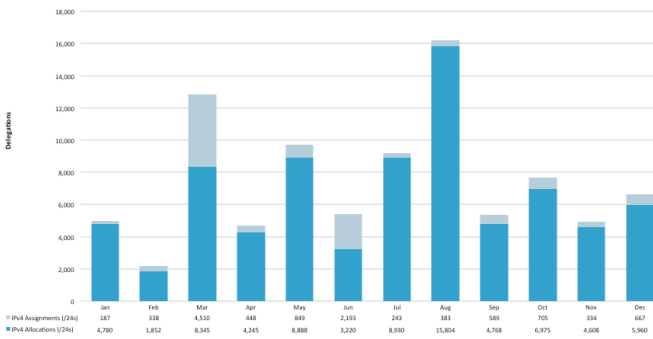
### 2013 IPv4 Address Requests



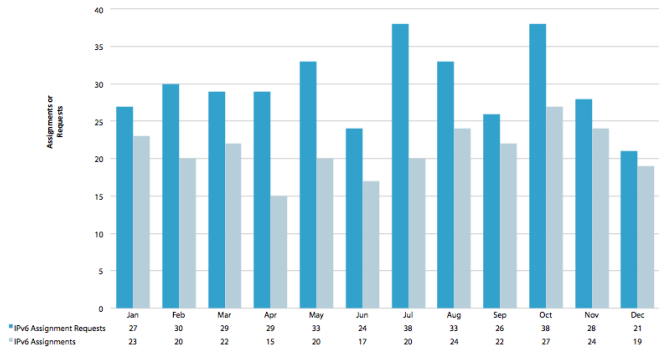
### 2013 IPv6 Address Allocations and Requests



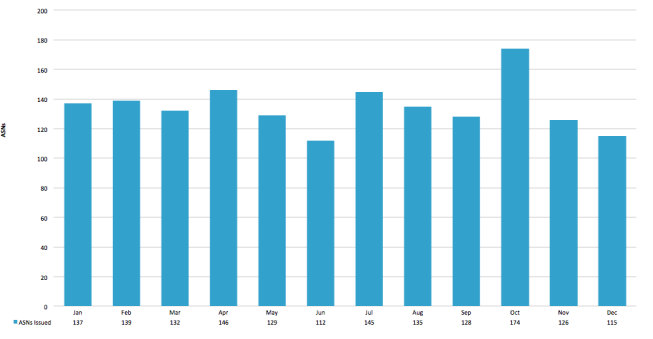
### 2013 IPv4 Address Delegations Issued by ARIN



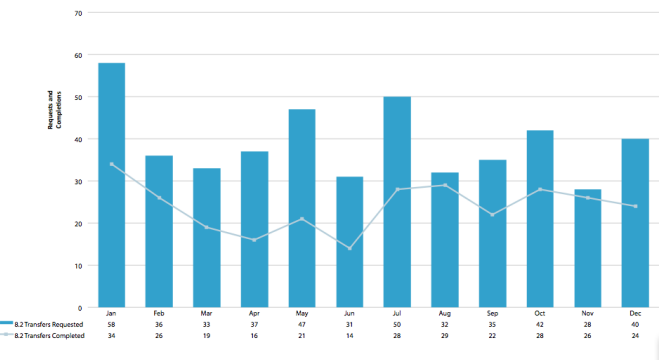
### 2013 IPv6 Address Assignments and Requests



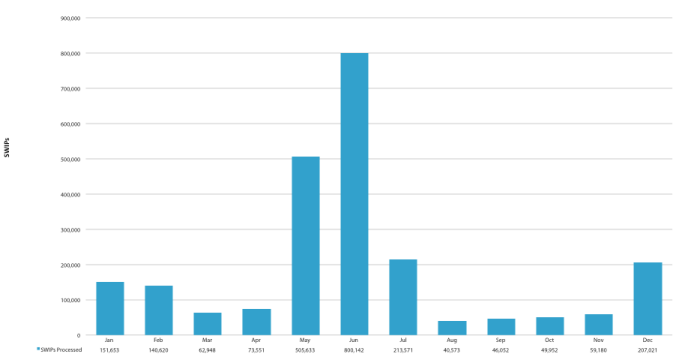
### 2013 Autonomous System Numbers Issued by ARIN



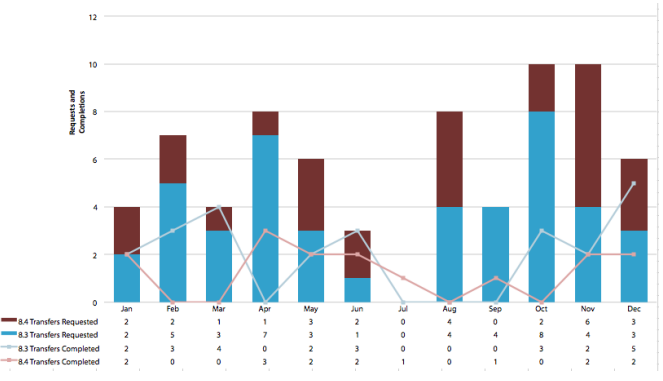
### 2013 New Requests for Transfers and Completed Transfers



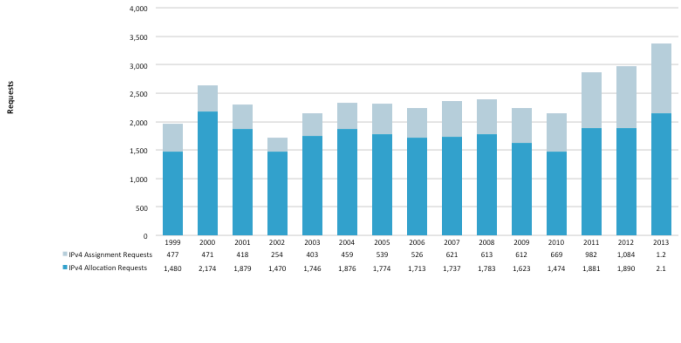
### 2013 SWIP Templates Processed by ARIN



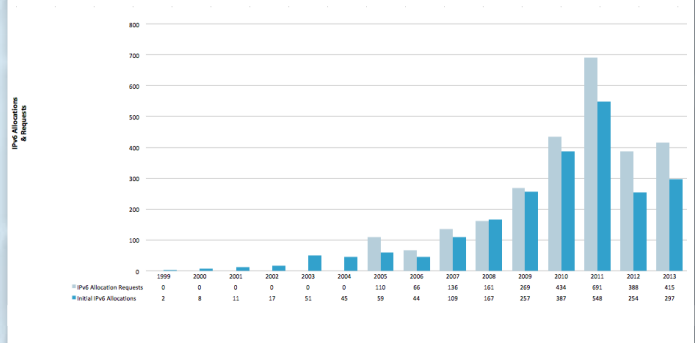
### 2013 New Requests for Transfers and Completed Transfers



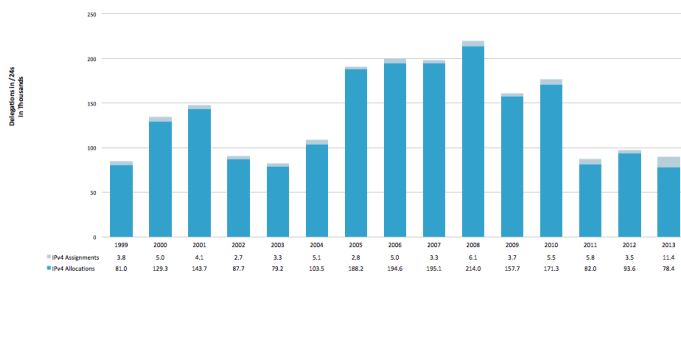
### IPv4 Address Requests by Category 1999-2013



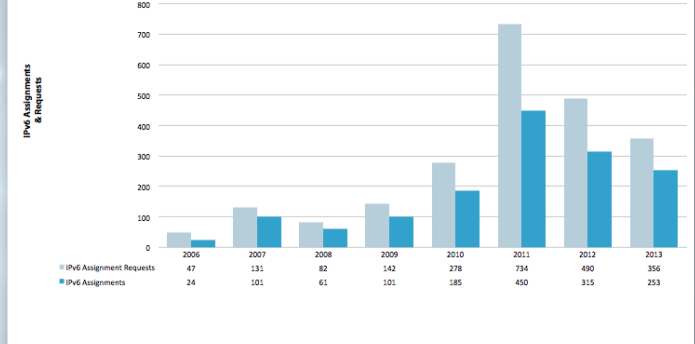
### IPv6 Address Allocations and Requests 1999-2013



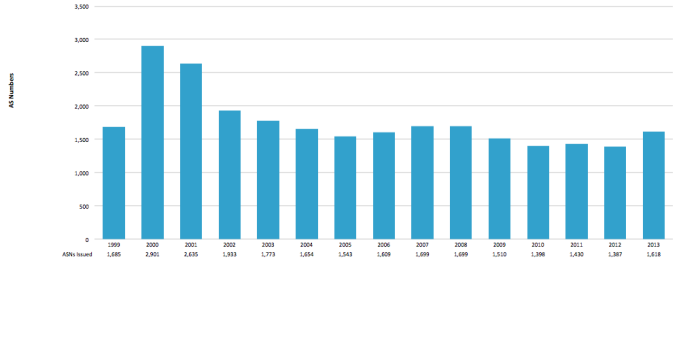
### ARIN IPv4 Address Delegations by Category 1999-2013



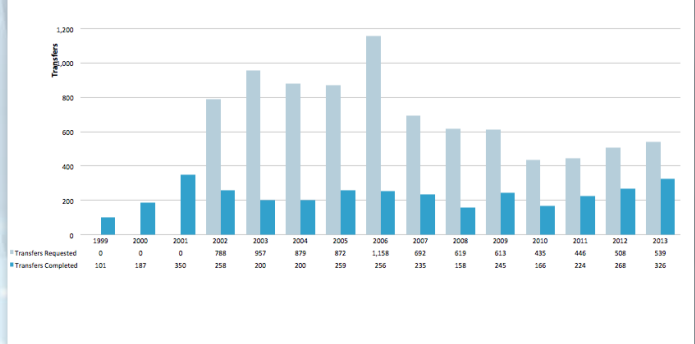
### ARIN IPv6 Address Assignments and Requests 2006 - 2013



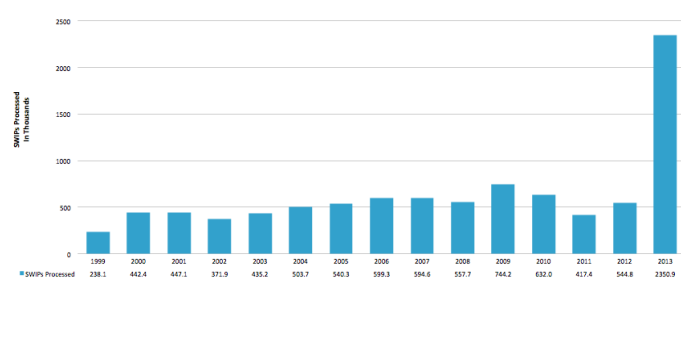
### AS Numbers Issued by ARIN 1999 - 2013



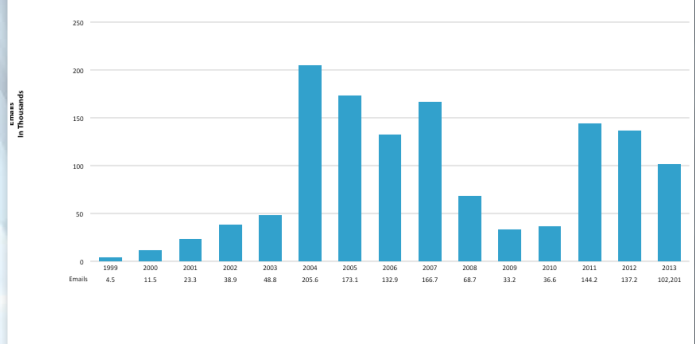
### New Transfer Requests and Completed Transfers 1999-2013



### SWIP Templates Processed by ARIN 1999-2013



### Email Received at hostmaster@arin.net 1999 - 2013



## **AUDITORS' REPORT**

ARIN operates as a nonprofit 501(c) 6. Federal guidelines do not require nonprofit organizations to undergo an annual financial audit. However, the ARIN Board of Trustees believes a financial audit is the best tool for oversight of financial management.

ARIN has an annual financial audit performed by an independent outside firm to fulfill the Board's fiduciary responsibility to the community, and the audited financial statements are included in the Annual Report.

The Financial Statements for the year ending 31 December 2013 will be made available for community review upon completion.