



# NEWCOMER ORIENTATION

3 October 2018

## Welcome to Vancouver!

On behalf of ARIN and its community, we thank you for taking the time to attend ARIN 42. You are here to add a new perspective on Internet number resource policy and a fresh voice in the policy discussion room, both cornerstones to developing forward-focused, community consensus-based policies that serve the Internet technical community throughout the ARIN region. You have an invaluable opportunity over the next few days to carry the voice and interests of your organization into ARIN's Policy Development Process (PDP) to ensure that Internet number resource management, ARIN's primary duty, is guided by the interests of each and every member of the ARIN community. Throughout the meeting, ARIN staff, members of ARIN's Advisory Council (AC) and Board of Trustees, and other representatives of organizations that make up the heart of the ARIN community will be available to you as resources, guides, peers, and collaborators. We are here to answer questions about the meeting as well as any other ARIN activity or service. We hope that you enjoy your first ARIN Public Policy and Members Meeting, and from all of us at ARIN, we hope it will not be your last!

### About ARIN

The American Registry for Internet Numbers (ARIN) is the nonprofit, member-based organization that manages and administers Internet number resources in Canada, the United States, and many Caribbean and North Atlantic islands. We serve Internet users in the region totaling over 38,000 organizations. This includes 21,000+ organizations under contract with ARIN, of which 5,800+ are member organizations.

### Mission

ARIN supports the operation of the Internet through the management of Internet number resources within 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.

### What We Do

#### Manage:

- IP address allocations and assignments
- Autonomous System Number (ASN) assignments
- Transfers
- Reverse DNS
- Directory service
  - Whois
  - IRR
  - WhoWas

#### Coordinate and administer:

- Policy Development
  - Community meetings
  - Discussion
  - Publication
  - Implementation
- Elections
- Community outreach
- Education and training

#### Develop technologies for managing Internet number resources:

- ARIN Online
- Community Software Project Repository
- DNS Security (DNSSEC)
- Resource Certification (RPKI)
- Whois RESTful Web Services (Whois-RWS)
- Registration RESTful Web Service (Reg-RWS)
- Registry Data Access Protocol (RDAP)

### Organizational Structure

ARIN consists of the Internet community within its region, its members, a seven-member Board of Trustees, a 15-member Advisory Council, and a professional staff of 80+.



## VOICE YOUR OPINION AND WIN!

Newcomer Orientation attendees who complete and return the accompanying survey are entered into a raffle to win a \$100 ThinkGeek gift certificate! The winner will be selected Thursday morning.

# STAY ACTIVE IN ARIN!

The success of ARIN as a steward of Internet number resources depends on the participation of people like you. We rely on the community to determine policy and provide direction for the services we provide. We welcome you to your first ARIN meeting and hope you'll continue to participate. Here are some ways you can stay involved.

## Participate in Policy Development

Policy development is an open and transparent process. Anyone may submit a proposal to create or modify policy. See <https://www.arin.net/policy/> for more information, including the current Number Resource Policy Manual (NRP) and the documented Policy Development Process (PDP). Be sure to subscribe to the Public Policy Mailing List (PPML) and join the discussions.

## Participate in the ARIN Consultation and Suggestion Process

The ARIN Consultation and Suggestion Process (ACSP) provides an organized and transparent method for ARIN to accept community feedback and gauge consensus regarding non-policy related issues. Submit a suggestion regarding existing or potential ARIN services or practices. Join the discussions on the Consultation mailing list and participate in the polls when requested by ARIN. For further details, visit: <https://www.arin.net/participate/acsp/>

## TeamARIN

[www.TeamARIN.net](http://www.TeamARIN.net) is a great information source to help you educate your organization about issues related to IPv6 adoption. You can also find out more about what ARIN is up to as an organization, including what events we have coming up, educational and informational articles, and an archive of ARIN Bits, our quarterly e-newsletter. This is an educational and informational site only; all ARIN business transactions are still conducted using [www.arin.net](http://www.arin.net).

TeamARIN  
POWERED BY PARTICIPATION

JOIN US [social icons]

Explore Blog Get6 Outreach Contact Us

Connect to the Whole Internet with IPv6  
LET US HELP YOU GET ONBOARD

UPCOMING EVENTS

- FEB. 19TH - FEB. 28TH  
ARIN 45 with APRICOT  
Kathmandu Nepal
- FEB. 19TH - FEB. 22ND  
ARIN 42  
Atlanta GA United States
- MAR. 10TH - MAR. 15TH  
ICANN 61  
San Juan Puerto Rico

View All Events

OUTREACH RESOURCES

Find an expert to speak at your next event

## Attend Future Public Policy and Members Meetings

Attendees may participate in ARIN's biannual Public Policy and Members Meetings either in person or virtually through remote participation.

### Join us in Barbados for ARIN 43!

7-10 April 2019

Watch for registration opening in December.



## Fellowship Program

Recommend ARIN Meetings to others and tell them about our Fellowship Program. Up to 15 lucky applicants can attend for free! For more information, visit: <https://www.arin.net/participate/meetings/fellowship.html>



## ARIN on the Road and ARIN in the Caribbean

Want face-time with ARIN? Come join us at ARIN on the Road or ARIN in the Caribbean! These one-day events give you a chance to learn more about ARIN services and tools and ask ARIN staff questions about your specific organizational needs. Visit <https://www.arin.net/participate/meetings/on-the-road/index.html> and <https://teamarin.net/caribbean/> for more information and upcoming events.



## Get Social

Join other attendees in sharing experiences with IPv6, ARIN 42, or other related stories and topics by using:



[www.twitter.com/TeamARIN](https://www.twitter.com/TeamARIN) Use #ARIN42 to tweet about this meeting!



[www.facebook.com/TeamARIN](https://www.facebook.com/TeamARIN)



[www.linkedin.com/company/ARIN](https://www.linkedin.com/company/ARIN)



[plus.google.com/+TeamARIN](https://plus.google.com/+TeamARIN)

## SUBSCRIBE TO ARIN MAILING LISTS

Visit [https://www.arin.net/participate/mailing\\_lists](https://www.arin.net/participate/mailing_lists) for subscription information and list archives.

RSS feeds are available for the ARIN Announce, ARIN Issued, and ARIN Public Policy mailing lists. To sign up for the RSS feeds, go to:

[https://www.arin.net/participate/mailing\\_lists/rss.html](https://www.arin.net/participate/mailing_lists/rss.html)

**There are seven active mailing lists. All but one are open to the public!**

### **ARIN Announce Mailing List** ([arin-announce@arin.net](mailto:arin-announce@arin.net))

Read-only list that provides information on issues affecting the community, including elections, meetings, policy updates, training opportunities, and other ARIN events.

### **Public Policy Mailing List** ([arin-ppml@arin.net](mailto:arin-ppml@arin.net))

Public forum to raise and discuss issues surrounding existing and proposed policies. The PPML is an integral part of ARIN's Policy Development Process. Opinions expressed here are reviewed to determine consensus for a policy proposal.

### **ARIN Discussion Mailing List** ([arin-discuss@arin.net](mailto:arin-discuss@arin.net))

Member-only list used to discuss ARIN-specific issues such as fee structures and internal policies.

### **ARIN Consultation Mailing List** ([arin-consult@arin.net](mailto:arin-consult@arin.net))

Open list used in conjunction with the ARIN Consultation and Suggestion Process to gather comments. This list is only open when there is a call for comments.

### **ARIN Issued Mailing List** ([arin-issued@arin.net](mailto:arin-issued@arin.net))

Read-only list open to the general public. Used by ARIN staff to provide a daily report of addresses returned and addresses issued directly by ARIN or address blocks returned to ARIN's free pool as requested in ACSP Suggestion 2008.2.

### **ARIN Technical Discussions Mailing List** ([arin-tech-discuss@arin.net](mailto:arin-tech-discuss@arin.net))

Open to the general public. Provided for those interested in providing technical feedback to ARIN on experiences in the use or evaluation of current ARIN services and features in development.

### **ARIN Suggestions Mailing List** ([arin-suggestions@arin.net](mailto:arin-suggestions@arin.net))

Read-only list open to the general public. Used by ARIN staff to provide notification to community of new ACSP suggestions and ARIN responses.



There are many ways to contact ARIN. Find them at:

[https://www.arin.net/contact\\_us.html](https://www.arin.net/contact_us.html)

## Registration Services

ARIN's primary business is the fair distribution of IP addresses and ASNs based on community policy, along with maintaining the accuracy and stability of the Internet number registry system. Our Registration Services Department is available to help with all aspects of requesting and managing IP addresses and ASNs, including resource transfers and making your first IPv6 request.

### Options for Contacting Registration Services:



#### Phone

Call 703.227.0660 Monday-Friday between 7:00 AM and 7:00 PM ET



#### Ask ARIN (part of ARIN Online)

When logged in, select Ask ARIN on the left

## Elections

Each October, designated Voting Contacts from ARIN's General Members in Good Standing elect candidates to the ARIN Board of Trustees and Advisory Council to serve staggered three-year terms. The ability to vote and shape the future of the Internet is undoubtedly the most important perk of ARIN Membership. This year, eligible Voting Contacts may cast an online ballot beginning Thursday, 4 October through Friday, 12 October.

To learn more about ARIN Elections, visit:

<https://www.arin.net/participate/elections/index.html>

To learn if your organization is eligible to vote or if you are your organization's designated Voting Contact, please email [members@arin.net](mailto:members@arin.net) or visit

[https://www.arin.net/about\\_us/membership/votingcontacts.html](https://www.arin.net/about_us/membership/votingcontacts.html)

and follow the steps under "Viewing Your Voting Contact Information."

## IPv6 and You

With four billion connected devices worldwide, companies and consumers are leveraging online channels for content, commerce, and communication like never before. Internet Protocol version 6 (IPv6) was developed to be a successor to the now depleted IPv4. ARIN encourages you to deploy IPv6 and connect to the whole Internet, not just the old Internet.

- **Learn more about IPv6**  
[https://www.arin.net/knowledge/ipv6\\_info\\_center.html](https://www.arin.net/knowledge/ipv6_info_center.html)
- **Make your first IPv6 request**  
[https://www.arin.net/resources/first\\_ipv6\\_request.html](https://www.arin.net/resources/first_ipv6_request.html)
- **The latest buzz on IPv6 and Forward Thinkers**  
<http://teamarin.net/get6/>
- **Collaborate with others on the IPv6 wiki**  
<https://www.getipv6.info>
- **Deployment case studies on TeamARIN**  
<https://teamarin.net/get6/ipv6-case-studies/>

## Acronym Guide

Terms with specific ARIN or RIR usage:

**AC** - Advisory Council

**ASO AC** - Address Supporting Organization Address Council

**AUP** - Acceptable Use Policy

**BoT** - Board of Trustees

**CMSD** - Communications & Member Services Department

**ENG** - Engineering Department

**ERX** - Early Registration Transfer Project

**FSD** - Financial Services Department

**IRR** - Internet Routing Registry

**ISP** - Internet Service Provider

**LIR** - Local Internet Registry

**LRSA** - Legacy Registration Services Agreement

**MoU** - Memorandum of Understanding

**NDA** - Nondisclosure Agreement

**NIR** - National Internet Registry

**NRO NC** - Number Resource Organization Number Council

**NRPM** - Number Resource Policy Manual

**ORG ID** - Organization Identifier

**OT&E** - Operational Test and Evaluation Environment

**PDP** - Policy Development Process

**POC** - Point of Contact

**PPML** - Public Policy Mailing List

**RDAP** - Registry Data Access Protocol

**Reg-RWS** - Registration RESTful Web Service

**RFC** - Request for Comment

**RIR** - Regional Internet Registry

**RPKI** - Resource Public Key Infrastructure

**RSA** - Registration Services Agreement

**RSD** - Registration Services Department

**STLS** - Specified Transfer Listing Service

**SWG** - Services Working Group

**SWIP** - Shared Whois Project

**VC** - Voting Contact

**WG** - Working Group

Visit <https://www.arin.net/knowledge/acronyms.html> for a complete guide to commonly-used acronyms you may hear at this meeting.