



# Welcome to the ARIN 45 Virtual Meeting!

On behalf of ARIN and its community, we thank you for taking the time to attend ARIN 45. 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 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.

## 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 38,000+ organizations. This includes 22,000+ organizations under contract with ARIN, of which 6,000+ 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:

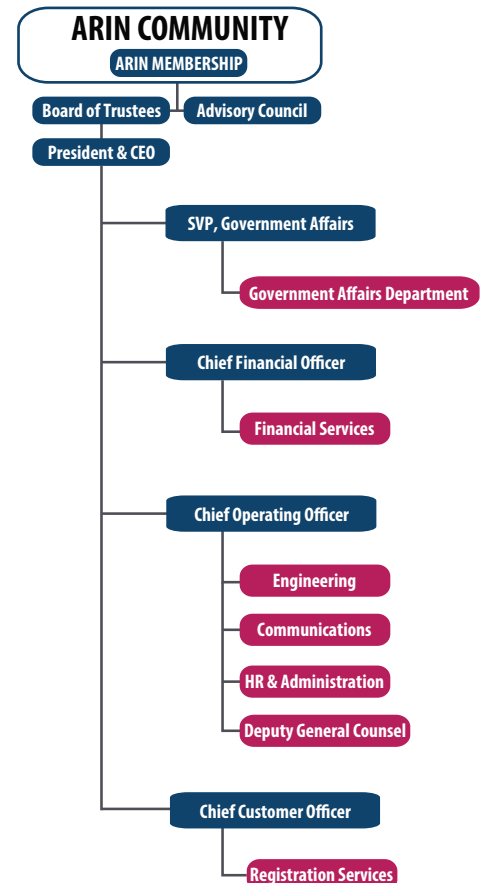
- Policy Development
  - Community meetings
  - Discussion
  - Publication
  - Implementation
- Elections
- Community outreach
- Education and training

### 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 75+.



# 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 this meeting and hope you'll continue to participate. Here are some ways you can stay involved.

## Participate in Policy Development

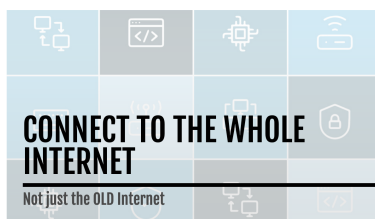
Policy development is an open and transparent process. Anyone may submit a proposal to create or modify policy. See <https://www.arin.net/policy> for more information, including the current Number Resource Policy Manual (NRP) and the documented Policy Development Process (PDP). Be sure to subscribe to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



### Wanted: More Local Bandwidth for COVID-19 Internet Usage Spike

May 14, 2020 • Bevil Wooding

Bevil Wooding, Director of Caribbean Affairs, explains why more robust Internet infrastructure is needed in under-served regions to support the increased demand for online services during the COVID-19 pandemic, and for crises to come.

[Read More](#)

## 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 Seattle, WA for ARIN 46!

Watch for registration opening in summer 2020!



## Fellowship Program

Recommend ARIN Meetings to others and tell them about our Fellowship Program. Up to 10 lucky applicants who reside in the ARIN region can attend for free!

For more information, visit:

<https://www.arin.net/fellowships>



## ARIN Outreach Events

Want face-time with ARIN outside of the Public Policy and Members Meetings? Come join us at one of our traveling outreach events! ARIN on the Road, ARIN in the Caribbean, and ARIN Lunch by the Numbers all give you a chance to learn more about ARIN services and tools in a more casual, informational setting. You'll also have a chance to ask ARIN staff personalized questions about your specific organizational needs.

To learn more about our upcoming outreach events, visit:

<https://www.arin.net/outreach>

## Get Social

Join other attendees in sharing experiences with IPv6, ARIN 45, or other related stories and topics by using:



[www.twitter.com/TeamARIN](https://www.twitter.com/TeamARIN) Use #ARIN45 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)



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

# SUBSCRIBE TO ARIN MAILING LISTS

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

**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>**

## 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 in the menu

## 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, 22 October through Friday, 30 October.

To learn more about ARIN Elections, visit:

<https://www.arin.net/elections>

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/voting\\_contacts/](https://www.arin.net/voting_contacts/) 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/ipv6>
- **Make your first IPv6 request**  
[https://www.arin.net/resources/guide/ipv6/first\\_request/](https://www.arin.net/resources/guide/ipv6/first_request/)
- **The latest buzz on IPv6 and Forward Thinkers**  
<http://teamarin.net/get6/>
- **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

**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

**SWIP** - Shared Whois Project

**VC** - Voting Contact

**WG** - Working Group

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