

ARIN 101

Getting to Know ARIN



www.ARIN.net/ARIN48

19-20 October 2021
Public Policy Meeting (Virtual)
12:00 - 3:00 PM CT

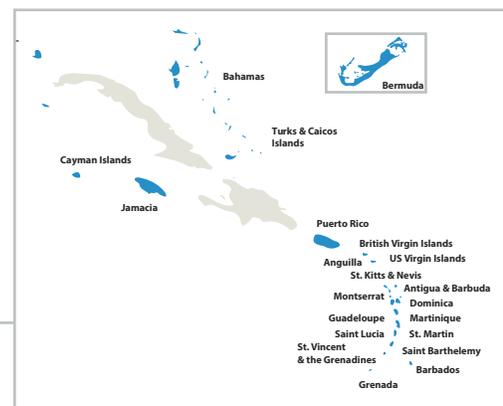
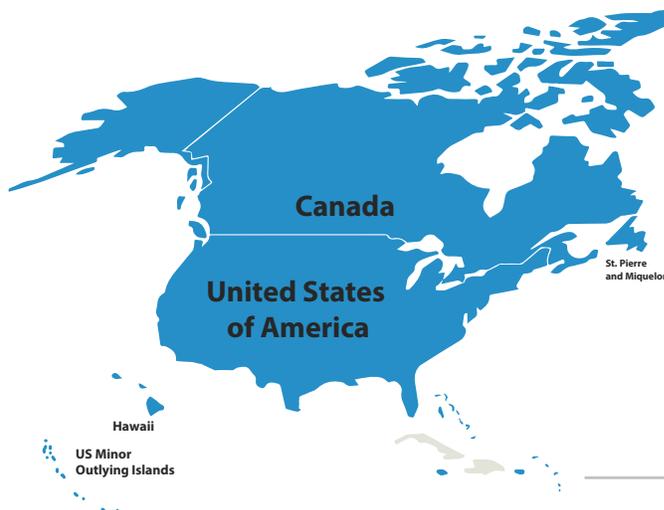
28 October 2021
Election Forum (Virtual)
12:00 - 3:00 PM CT

4 November 2021
Members Meeting (Hybrid)
10:00 AM - 2:30 PM CT

Thank you for planning to attend **ARIN 48**. We look forward to you adding a new perspective in our policy discussion room to help develop forward-focused, consensus-based policies that serve the ARIN region. You have an invaluable opportunity to carry the voice and needs of your organization into ARIN's Policy Development Process (PDP), which ensures that Internet number resource management — ARIN's primary duty — is guided by the interests of each and every member of the ARIN community.

Who We Are

The American Registry for Internet Numbers (ARIN) was founded in December 1997 and is the non-profit, member-based organization that manages and distributes Internet number resources throughout its service region of Canada, the United States, and many Caribbean and North Atlantic islands. **As of 23 August 2021, we serve 39,224 total customer organizations, including 7,321 member organizations.**



ARIN 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 will continue to utilize an open, transparent multi-stakeholder process for registry policy development.



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
- Operational Test and Evaluation Environment (OT&E)
- DNS Security (DNSSEC)
- Resource Certification (RPKI)
- Whois RESTful Web Services (Whois-RWS)
- Registration RESTful Web Service (Reg-RWS)
- Registry Data Access Protocol (RDAP)



Registration Services

ARIN's primary business is the 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.

Ready to request resources?

Get started today: https://www.arin.net/request_resources

ARIN's Help Desk, Monday-Friday

Call: +1-703-227-0660, 7:00 AM - 7:00 PM ET

Chat: via ARIN Online, 10:00 AM - 4:00 PM ET

Have a question about your account, resources, or anything else ARIN related?

When logged in to ARIN Online, select "Ask ARIN" in the navigation menu to submit a ticketed request.

Tips for calling the help desk:
<https://www.arin.net/helpdesk>

Need help with billing? Call: +1-703-227-8708, Monday-Friday, 9:00 AM - 5:00 PM ET

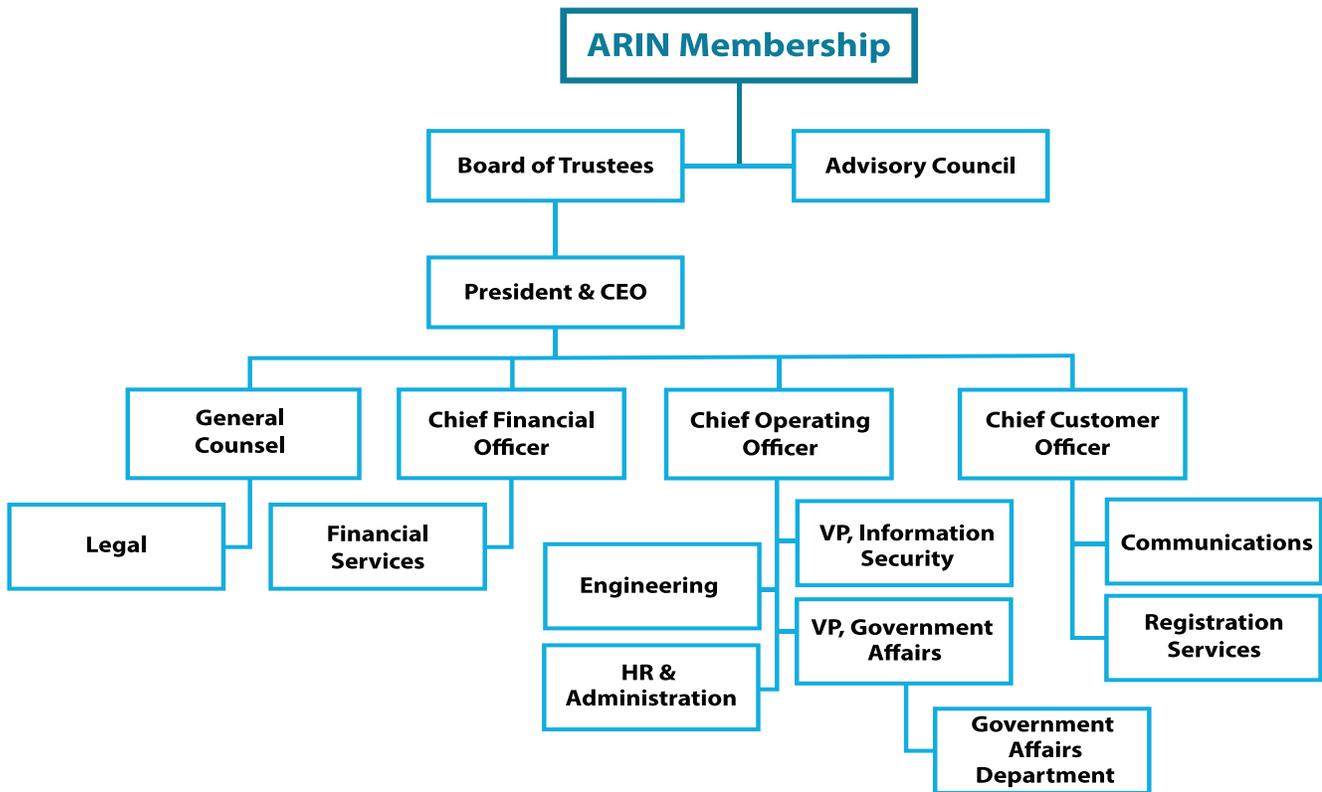
Report Service Issues: Services issues and outages can be reported directly to Registration Services during regular operating hours. Outside operating hours, issues can be reported through the feedback button or via the "Report Service Issue" link in the footer of every page on the website.



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+.

ARIN Staff - <https://www.arin.net/staff>



Board of Trustees - <https://www.arin.net/board>

The Board of Trustees, elected by the ARIN membership, establishes and maintains authority over ARIN's scope, mission, and strategic and fiscal direction. The Board also oversees committee nominations, appointments, elections, and votes on community-developed draft policies in accordance with the Policy Development Process (PDP).

Advisory Council - <https://www.arin.net/ac>

Elected by the ARIN membership, the Advisory Council (AC) advises the Board of Trustees on Internet number resource policy and related matters and forwards Recommended Draft Policies to the Board for ratification, in adherence with the Policy Development Process (PDP).

Committees - <https://www.arin.net/committees>

Consider being an important part of the ARIN community by participating in one of these committees. Other opportunities may also arise in the future.

- Mailing List Acceptable Use Policy Committee
- Nomination Committee
- Fellowship Selection Committee
- Grant Selection Committee



Connecting with the ARIN Community

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

Subscribe to ARIN Mailing Lists - https://www.arin.net/mailing_lists

ARIN regularly communicates updates and information to the community via mailing lists. ARIN email lists suit a variety of interests and are a great way to stay informed. We encourage everyone, at minimum, to join these two lists:

- **ARIN Announce Mailing List** (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)

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.

Attend Public Policy and Members Meetings - <https://www.arin.net/meetings>

ARIN Public Policy and Members Meetings are filled with interesting sessions, opportunities to network with your peers in the industry, educational presentations, discussions of important number resource policy issues, and more! They are held in April and October each year throughout the ARIN region.

For more information on ARIN 48 visit www.arin.net/ARIN48) Remote participation is available for every ARIN Public Policy and Members Meeting.

Vote in the ARIN Elections - <https://www.arin.net/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.

To learn if your organization is eligible to vote or if you are your organization's designated Voting Contact, please email members@arin.net or visit https://www.arin.net/voting_contacts and follow the steps under "Viewing Your Voting Contact Information."

Watch and learn with ARIN Training & Education - <https://www.arin.net/training>

ARIN offers a free library of resources for the ARIN community. Access on-demand resources to help you utilize our tools and services. Participate in webinars or download handouts to conduct your own educational outreach within your organization. View how-to videos on completing common tasks in ARIN Online.

Read ARIN Bits - <https://www.arin.net/blog/category/ARIN-Bits/>

ARIN Bits is a quarterly e-newsletter distributed to the community to keep everyone in the loop on the latest happenings at ARIN. There are several different "bits" of information in each issue, including the latest policies up for discussion, events, helpful tips, and ARIN Online updates.

Apply for an ARIN Community Grant - <https://www.arin.net/grants>

The ARIN Community Grant Program provides financial grants in support of operational and research projects that improve the overall Internet industry and Internet user environment.

Apply to the ARIN Fellowship Program - <https://www.arin.net/fellowship>

The ARIN Fellowship Program is designed to broaden inclusion, diversity, engagement, and volunteerism amongst community members within the ARIN region. The program offers individuals an opportunity to attend an ARIN Public Policy and Members Meeting at no charge. Selected Fellows are also paired with a mentor for an enhanced meeting experience.

Attend ARIN Outreach Events - <https://www.arin.net/outreach>

We look forward to resuming our traveling outreach events at some point in 2022, where you can learn more about ARIN services and tools in a casual, informal setting. You'll also have a chance to ask ARIN staff personalized questions about your specific organizational needs.

Give Feedback Through Surveys - <https://www.arin.net/customersurvey>

ARIN's goal is to provide the best Internet number registry experience possible. To help better understand the needs of our customers and gauge how we're doing, we conduct a large-scale customer satisfaction survey periodically. ARIN's Registration Services Department also conducts regular transaction surveys.

Participate in the ARIN Consultation & Suggestion Process (ACSP) - <https://www.arin.net/acsp>

This process provides an organized and transparent method for ARIN to accept community feedback and measure consensus regarding non-policy related issues. Submit a suggestion regarding existing or potential ARIN services or practices, and/or join the discussions on the consultation mailing list and participate in the polls when requested by ARIN.

Subscribe to our Blog - <https://www.arin.net/blog>

Find out more about ARIN services, events, the policy development process, status of IPv4 address space, ongoing IPv6 deployment, routing security, and other issues facing the Internet community on the ARIN blog.

Submit an IPv6 Case Study - <https://www.arin.net/blog/ipv6/>

If your organization has an IPv6-enabled website, has deployed IPv6 on its networks, or has added IPv6 to your products, we want to hear about it!



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



www.twitter.com/TeamARIN



www.linkedin.com/company/ARIN



www.facebook.com/TeamARIN



www.youtube.com/TeamARIN



ARIN's Policy Development Process

Policy development is an open and transparent process, and 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 (NRPM) and the documented Policy Development Process (PDP), plus a helpful video on the PDP. Want to dive deeper? Check out the PDP webinar on demand at <https://www.arin.net/webinars>.

Be sure to subscribe to the Public Policy Mailing List (PPML) and join the discussions. The ARIN Advisory Council shepherd proposals through the PDP and when community consensus is reached, recommends draft policies to the Board of Trustees for adoption and implementation.

All community members are eligible to participate in our Policy Development Process. Anyone, except ARIN staff, may proposed a policy change directly to the community in the form of a policy proposal.

To view current draft policies and proposal that may be discussed during the ARIN 48 Public Policy Meeting, please visit: https://www.arin.net/draft_policies



IPv6 and You

With more than 4.6 billion Internet users 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**
<http://www.arin.net/ipv6>
- **Make your first IPv6 request**
https://www.arin.net/resources/guide/ipv6/first_request
- **Deployment case studies on IPv6**
<https://www.arin.net/blog/ipv6/>



Acronym Guide

Reference this quick Acronym Guide for some of the most frequently used terms. Visit <https://www.arin.net/acronyms> for a complete guide to commonly-used acronyms you may hear during various ARIN meetings and functions.

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
ROA - Route Authorization
RIR - Regional Internet Registry
RPKI - Resource Public Key Infrastructure
RRDP - RPKI Repository Data Protocol
RSA - Registration Services Agreement
RSD - Registration Services Department
STLS - Specified Transfer Listing Service
SWIP - Shared Whois Project
VC - Voting Contact
WG - Working Group

Thank you for joining us!

The success of ARIN as 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.

