



Newcomers Orientation

Orientation Overview



- Brief introductions
- Introduction to ARIN, the organization and its services
- What's ahead this week
- Open Microphone - Q&A



ARIN Overview

Mission, Role and Services

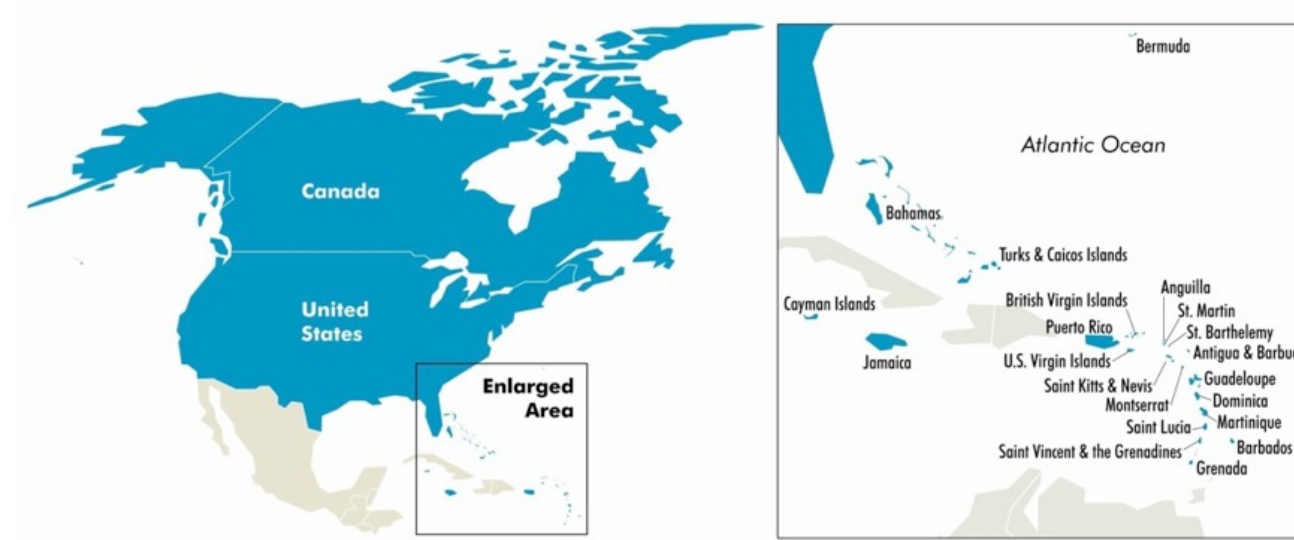
Richard Jimmerson
Chief Information Officer



Why Are We Here?

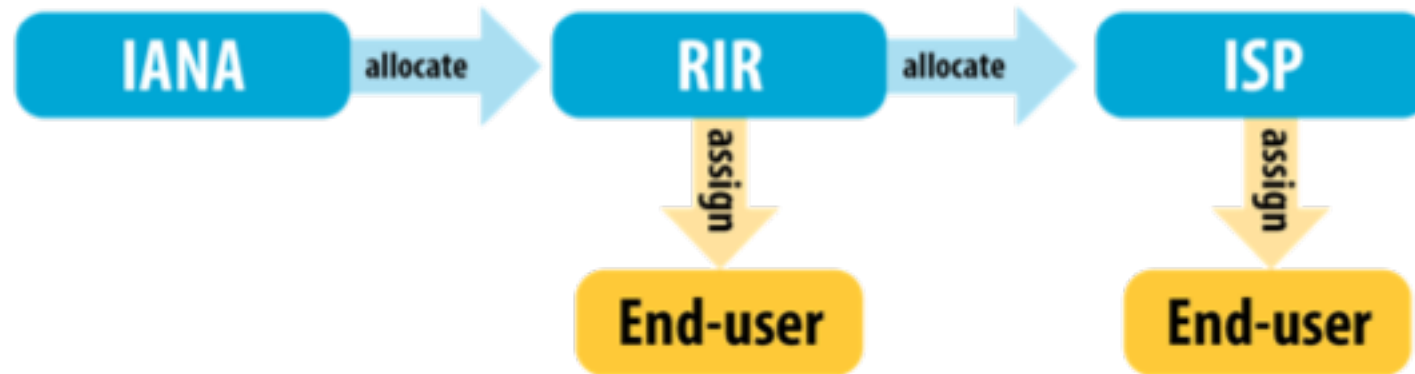
ARIN, a nonprofit member-based organization, supports the operation of the Internet through the **management of Internet number resources** throughout its service region; **coordinates the development of policies by the community** for the management of Internet Protocol number resources; and **advances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

ARIN's Service Region

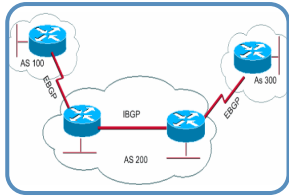


The ARIN Region includes many Caribbean and North Atlantic islands, Canada, the United States and outlying areas.

IP Address and Autonomous System Number Provisioning Process



It all starts with you...



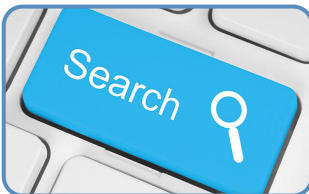
Many networks first encounter ARIN when they need an AS number for BGP



...Or when they want to get portable IP addresses to avoid renumbering



ARIN's core function is registration of IP addresses and AS numbers to ensure global uniqueness



... and to operate directory services which allow the public to determine to whom the IP addresses and AS numbers are registered



Who is ARIN?

- 37,000+ Organizations served by ARIN, including
 - 21,000+ Organizations under Contract
 - 5,800+ Member Organizations
- 80+ Professional Staff
- Anyone interested in Internet number resource management in the ARIN region is welcome!

ARIN Manages



- **IP address allocations & assignments**
- **ASN assignment**
- **Transfers**
- **Reverse DNS**
- **Record Maintenance**

ARIN Services



- **ARIN Online** – account management tools
- **Security (DNSSEC, RPKI)**
- **Whois RESTful Web Service (Whois-RWS)**
- **Whois and Registration Data Access Protocol (RDAP) directory services**
- **Operational Test & Evaluation (OT&E) Environment**

Who sets the rules about resource distribution? The Community!



Three things to remember:

1. ARIN staff are prohibited from setting policy
2. We facilitate the policy development process (PDP) to enable the community to create & maintain policies
3. Fostering an open, transparent, fair, and bottom-up policy process is a key ARIN function

Advisory Council

15 Member Advisory Council

Elected by the membership	5 seats open each election/year	Serves in an advisory capacity to the Board on Internet number resource policy and related matters	Forwards consensus-based policy proposals to the Board for ratification
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Board of Trustees

7 Member Board of Trustees

6 elected by the membership plus President & CEO – all voting	2 seats open each election/year	Ability to appoint an additional voting member for diversity	Authority over the scope, mission, and establishes the strategic direction and fiscal oversight
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2018 Strategic Plan and Organization Objectives:

- **Manage** efficient allocation of Internet number resources in the region, with consideration to stewardship and conservation.
- **Facilitate** via open and transparent processes the development by the ARIN community of fair, impartial and technically sound policies for Internet number resource management
- **Educate** the community about ongoing IPv6 adoption and imminent IPv4 obsolescence
- **Maintain, develop, and enhance** functionality of ARIN services as sought by the users and supported by the members

https://www.arin.net/about_us/corp_docs/stratplan-2018-2019.pdf

Outreach & Engagement



Policy Development through Public Policy Meetings and Consultations



Work closely with the technical community to ensure education, empowerment, engagement



Collaborate with Caribbean organizations to maximize inclusion

IPv6 Outreach



www.teamarin.net/get6/

Global Engagement



Foster global working relationships

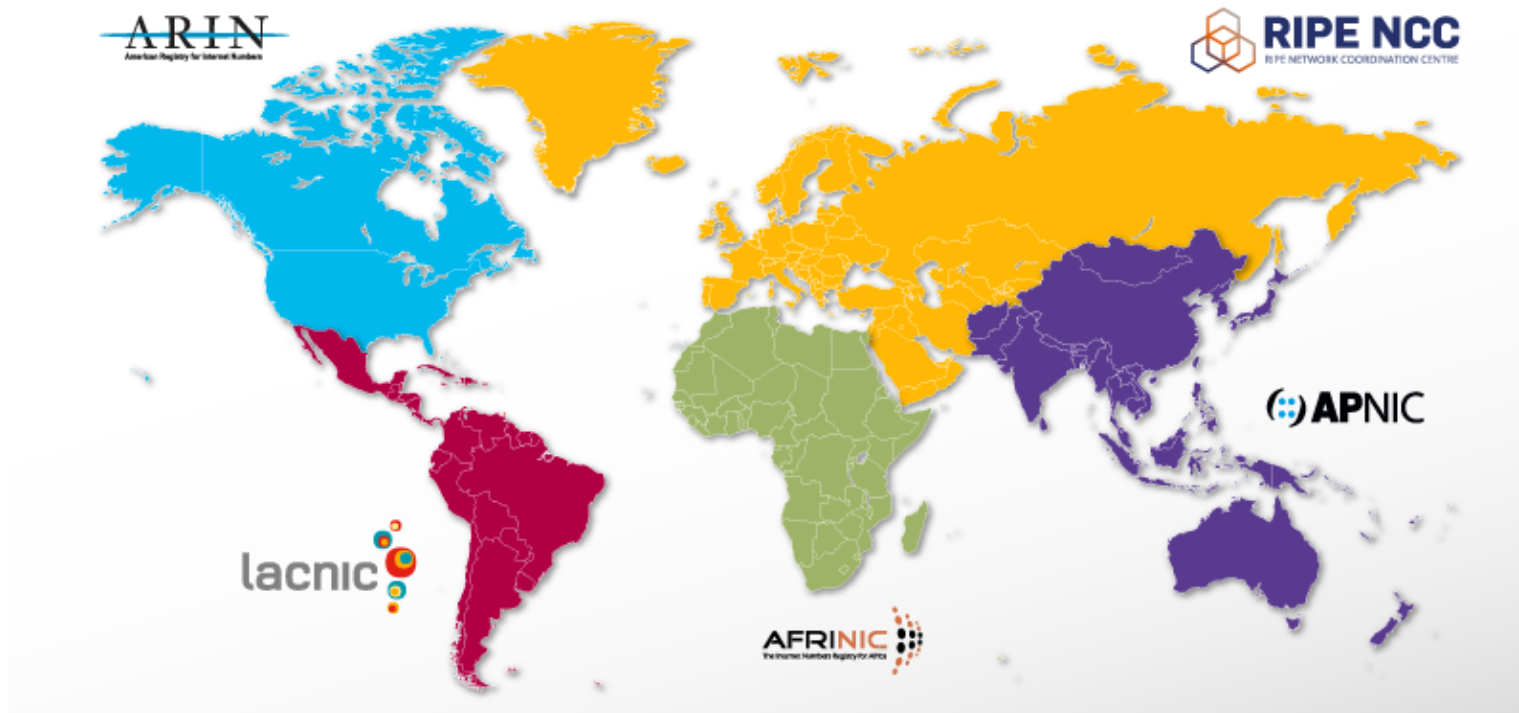


Be a key technical resource



Support cooperation and direct involvement alongside governments and international organizations

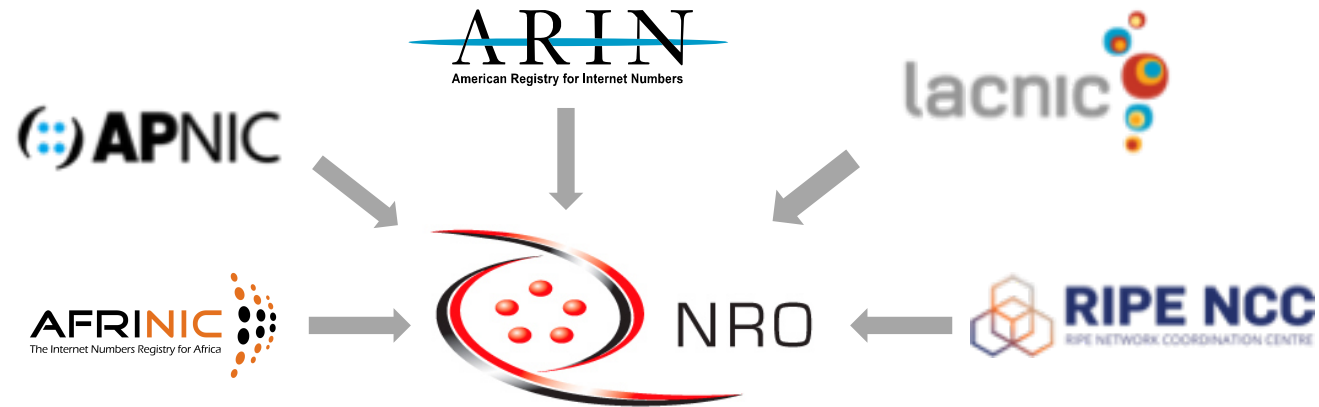
What about the rest of the world?



Regional Internet Registry Structure:

Independent * Not-for-profit * Membership-based
Community driven

The Number Resource Organization



<https://www.nro.net/>

NRO NC/ ASO AC

Number Resource Organization Number Council (NRO NC) & Address Supporting Organization Advisory Council (ASO AC)

<p>15 member body/3 per RIR</p>	<p>2 elected and one appointed</p>	<p>Global policy development process</p>	<p>Selects ICANN Board seats 9 and 10</p>	<p>Gives advice to ICANN Board on number resource allocation policy, in conjunction with the RIRs</p>
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Mailing Lists – by subscription



https://www.arin.net/participate/mailing_lists/index.html

Open subscription to SIX mailing lists:

- arin-announce
- arin-ppml
- arin-issued
- arin-tech-discuss
- arin-consult
- arin-suggest

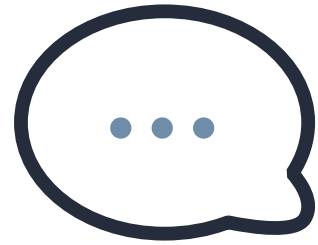
Members-only mailing list:

- arin-discuss



Interactions with ARIN

- ARIN Online – account management
 - Tickets
 - Message Center
 - Dashboard Notifications
- Registration and billing services helpdesks
- Consultation and Suggestion Process
- Feedback button on every web page
- Social media
- Outreach events



Discussion



What's Ahead This Week



Tonight:

Policy Development Process Tutorial
Happy Hour

5:15 - 6:00 PM Right here
6:00 - 7:00 PM - **34th Floor**
Seymour/Grouse/Stanley/Cypress

Public Policy & Members Mtg.

Public Policy Meeting - Thursday
Policy Public and Members Mtg. - Friday

Regency D/E/F

9:00 AM - 5:00 PM
9:00 AM - 1:00 PM

Meals and Social

Breakfast - Thursday, Friday
Lunch for all attendees - Thursday
Box lunches at adjournment - Friday

8:00 - 9:00 AM, **Regency A/B**
12:30 - 1:30 PM, **Regency A/B**

Social - Thursday

7:00 - 11:00 PM/**Buses**

Ways to Participate Here



- Meet your fellow attendees
- Have questions? Seek out ARIN Board, Advisory Council, NRO Number Council and Staff
- Go the floor microphones in the meeting room
- Visit the RSD Help Desk, Election Help Desk
- Visit the user testing table and voice your opinion about the new ARIN website prototype.
- Raise your hand to voice your opinion when votes are taken during policy discussions

Membership Not Required!

Don't Forget Your Survey!

- Drop your completed survey form in the bowl
- Be present first thing tomorrow for the drawing
- You might win a \$100 Think Geek gift certificate!





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Thank you.

Any Questions?