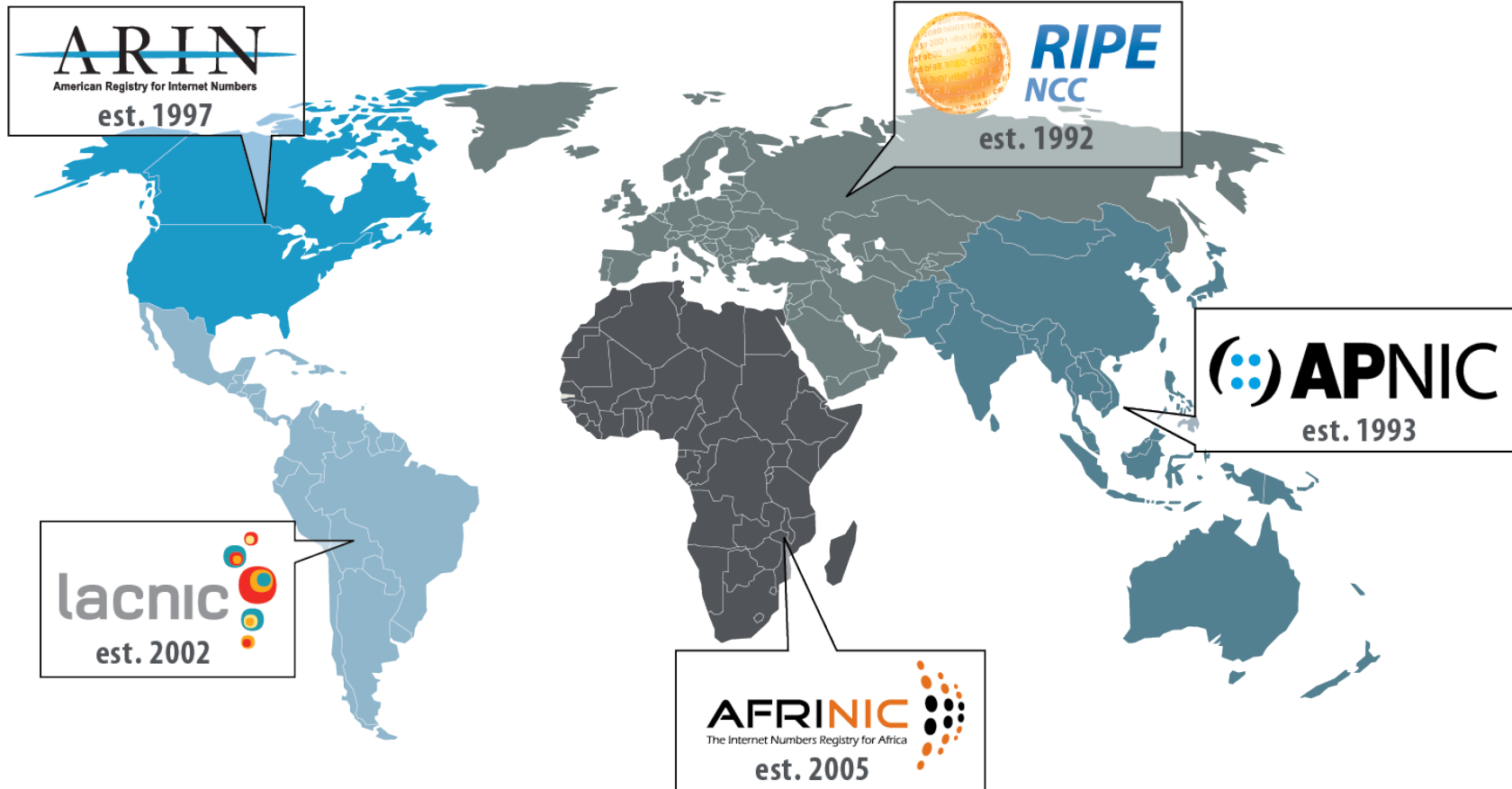


ARIN and the RIR System: Mission, Role and Services

Paul Andersen
ARIN Board of Trustees

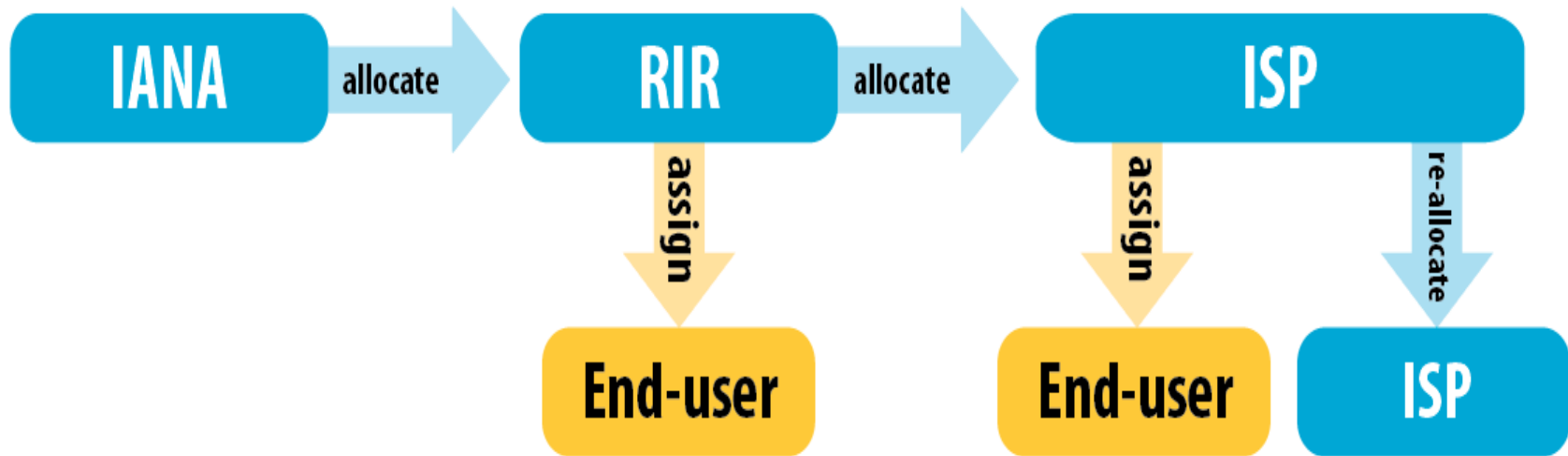
Regional Internet Registries



RIR Structure

Not-for-profit	Membership Organization	Community Regulated
<ul style="list-style-type: none">• Fee for services, not number resources• 100% community funded	<ul style="list-style-type: none">• Open• Broad-based<ul style="list-style-type: none">- Private sector- Public sector- Civil society	<ul style="list-style-type: none">• Community developed policies• Member-elected executive board• Open and transparent

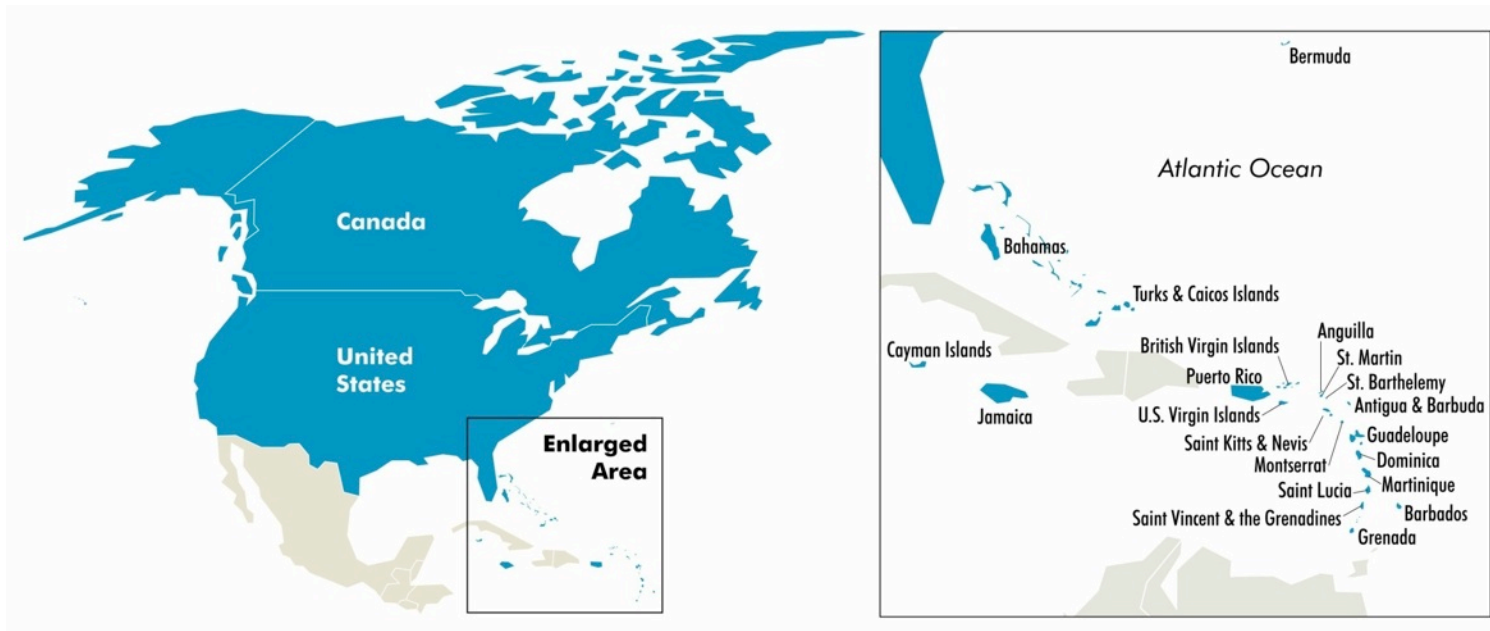
IP Address and Autonomous System Number Provisioning Process





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.

The ARIN Community includes...

Anyone with an interest in Internet number resource management in the ARIN region

- 20,000+ customers
- 5,200+ members
- 75+ professional staff
- [7 member Board of Trustees](#)
 - elected by the membership
- [15 member Advisory Council](#)
 - elected by the membership
- 15 person [Number Resource Organization Number Council](#)
 - 3 from the ARIN Community

2015 Organizational Objectives

- Continue IPv4/IPv6 transition awareness campaign
- Participate in global Internet governance discussions to maintain the community-based multi-stakeholder policy development model
- Continue to enhance ARIN Online – user interface improvements
- Participate in discussions for the IANA stewardship transition

2015 Organizational Objectives

- Focus on smaller, community suggested, customer-facing, high-impact software development efforts
- Provide high level of Caribbean outreach
- Strengthen ARIN accountability to membership
- Improve customer service

ARIN's strategic plan and objectives:

https://www.arin.net/about_us/corp_docs/stratplan.pdf

ARIN Services and Products

ARIN Manages:

- IP address allocations & assignments
- ASN assignment
- Transfers
- Reverse DNS
- Record Maintenance
- Directory service
 - Whois
 - Routing Information (Internet Routing Registry)
 - WhoWas

ARIN Services and Products

ARIN coordinates and administers:

- Policy Development
 - Community meetings
 - Discussion
 - Publication
- Elections
- Information publication and dissemination and public relations
- Community outreach
- Education and training

ARIN Services and Products

ARIN develops technologies for managing Internet number resources:

- ARIN Online
- Community Software Project Repository
- DNSSEC
- Resource Certification (RPKI)
- Whois-RWS
- Reg-RWS

Get 6 – Websites on IPv6

<http://teamarin.net/get6/ipv6-facts/>

- Focusing on getting public websites IPv6-enabled
- <https://getipv6.info> --wiki list of IPv6 webhosters and DNS providers



INTERNET GOVERNANCE =

**COORDINATION OF
THE MANY ASPECTS**

INCLUDING

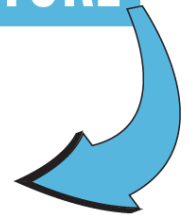
TECHNICAL STANDARDS,
POLICIES,
INFRASTRUCTURE



THAT MAKE THE INTERNET WORK
& DETERMINE HOW IT IS USED

INVOLVING

**GOVERNMENTS
PRIVATE SECTOR
CIVIL SOCIETY**



Globalization of IANA Oversight



On 14 March 2014, the US Government announced plans to transition oversight of the IANA functions contract to the global multistakeholder community

Current IANA functions contract expires 30 September 2015

NTIA Conditions for Transition Proposal

1. Support and enhance the multi-stakeholder model
2. Maintain the security, stability, and resiliency of the Internet DNS
3. Meet the needs and expectation of the global customers and partners of the IANA services
4. Maintain the openness of the Internet

Current Status of IANA Stewardship Proposal

- July 31 - The IANA Stewardship Transition Coordination Group (ICG) has published its draft IANA Stewardship Transition Proposal. Open for public comment through 8 September.
 - <https://www.nro.net/news/call-for-comments-on-icgs-draft-iana-stewardship-transition-proposal>
- Second Draft Service Level Agreement (SLA) for the IANA Numbering Services – Public comment period closed 31 August

IANA Stewardship Proposal – Victory Conditions

- A proposal submitted to NTIA which meets NTIA's conditions and provides for transition of IANA stewardship to the global Internet community
- Community support of the ICG proposal, based on belief that the mechanisms provided for oversight and accountability are appropriate

IANA Stewardship – Potential Implications

- Successful transition of IANA Stewardship from the USG to the Internet community would be an important validation of the Internet's multi-stakeholder governance model
- Inability to transition could raise concerns about the validity of the multi-stakeholder process and fuel discussion of the perceived need for intergovernmental mechanisms for Internet Governance

Visit ARIN's webpage:
Ways to Participate
 in Internet Governance



ARIN ONLINE
 Username and password are case sensitive.
 username: now user?
 jbly@arin.net
 password: assistance

 log in
 About ARIN Online

Your IPv4 address is 10.1.0.127

SEARCH Whois
all requests subject to terms of use advanced search

NUMBER RESOURCES PARTICIPATE POLICIES FEES & INVOICES KNOWLEDGE ABOUT US FEEDBACK

INTERNET GOVERNANCE SEARCH THIS SECTION
Advanced Search

Who decides the future of the Internet?
 A wide range of stakeholders in a variety of organizations. Find out how you can stay informed and **get involved**.

What could be at stake?

- Continued innovation and evolution of the Internet
- Open and inclusive contributions to policy debates
- Consensus-based Internet number resource policies
- User access, stability, and security

WAYS TO PARTICIPATE **DEFINING INTERNET GOVERNANCE & ARIN'S ROLE**

IANA Stewardship TRANSITION

CURRENT DISCUSSION
 ARIN Draft Proposal for IANA Stewardship Transition, compiled by ARIN representatives to the Consolidated RIR IANA Stewardship Proposal (CRISP) team. (View PDF)

UPCOMING EVENTS
 Tenth Internet Governance Forum (2015)
 João Pessoa, Brazil from 10-13 November 2015

HIGHLIGHTS

- Internet Technical Leaders Welcome IANA Globalization Progress
- Public Consultation on IANA Globalization Process
- Statement from the I* Leaders Coordination Meeting
- Montevideo Statement on the Future of Internet Cooperation

FORUMS FOR PARTICIPATION

- > CANTO
- > CTU
- > CITEL
- > ITU
- > ICANN
- > IGF
- > ISOC
- > OECD / ITAC

INTERNET GOVERNANCE

- > Main Page
- > Ways to Participate
- > Defining Internet Governance & ARIN's Role
- > News & Information

Past Events...

<https://www.arin.net/participate/governance/participate.html>

How to Participate



- Attend Public Policy and Members Meetings & Public Policy Consultations
 - Remote participation available
- Apply for Meeting Fellowship
- Discuss policies on Public Policy Mailing List (ppml)
- Subscribe to an ARIN mailing list
- Attend outreach events

More Ways to Participate



- Community consultations
- Submit a suggestion
- Contribute to the IPv6 wiki
- Write a guest blog for TeamARIN.net
- Connect with us on social media
- Members – Vote in annual elections

ARIN Mailing Lists

ARIN Announce: arin-announce@arin.net

ARIN Discussion: arin-discuss@arin.net (members only)

ARIN Public Policy: arin-ppml@arin.net

ARIN Consultation: arin-consult@arin.net

ARIN Issued: arin-issued@arin.net

ARIN Technical Discussions: arin-tech-discuss@arin.net

Suggestions: arin-suggestions@arin.net

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

ARIN on Social Media



www.TeamARIN.net



www.facebook.com/TeamARIN



@TeamARIN



www.gplus.to/TeamARIN



www.linkedin.com/company/ARIN



www.youtube.com/TeamARIN

**Join us at ARIN 36 –immediately
following NANOG**





Apply now for ARIN 37 April 2016 in Jamaica

<https://www.arin.net/participate/meetings/fellowship.html>

Program expanded –up to 15 total per meeting!

Q&A

