



FIRST TIMERS' ORIENTATION

10 April 2011

Mission

Applying the principles of stewardship, ARIN, a nonprofit corporation, allocates Internet Protocol resources; develops consensus-based policies; and facilitates the advancement of the Internet through information and educational outreach.

ARIN Services

Organization Services

Includes coordinating and administering:

- Elections
- Members meetings
- Information dissemination
- Education and training

Policy Development Services

Includes coordinating and facilitating:

- Email discussion lists
- Public policy meetings
- Policy document publication

Registration Services

Includes coordinating and managing:

- IP address allocation & assignment
- ASN assignment
- Reverse DNS
- Directory services
 - Whois
 - IRR

Technical Resources

New and developing technologies for managing Internet number resources:

- ARIN Online
- Community Software Project Repository
- DNSSEC
- Resource Certificate
- Whois-RWS



About ARIN

Introduction

The American Registry for Internet Numbers (ARIN) is the nonprofit corporation that manages and administers Internet number resources in Canada, many Caribbean and North Atlantic islands, and the United States.

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 approximately 50.

Voice Your Opinion and Win

First Timers' Orientation attendees who complete and return the enclosed survey are entered into a raffle to win a **\$100 ThinkGeek Gift Certificate** for gizmos and gadgets. The winner will be drawn Monday morning.

SPELLING IT OUT

An Acronym Guide

BGP. CIDR. NRO. NRPM. SWIP. These are just a few of the acronyms commonly used by members of the Internet and ARIN communities. So what do all these combinations of letters mean? This Acronym Guide spells out some of the most frequently used terms.

Internet Community Organization Names

AfriNIC - African Network Information Centre
AGWG - ARIN Government Working Group
APNIC - Asia Pacific Network Information Centre
ARIN - American Registry for Internet Numbers
ARPA - Advanced Research Projects Agency
ASO - Address Supporting Organization
ASO AC - ASO Address Council
CTU - Caribbean Telecommunications Union
IAB - Internet Architecture Board
IANA - Internet Assigned Numbers Authority
ICANN - Internet Corporation for Assigned Names and Numbers
ICANN GAC - ICANN Government Advisory Committee
IEPG - Internet Engineering and Planning Group
IESG - Internet Engineering Steering Group
IETF - Internet Engineering Task Force
IGF - Internet Governance Forum
ISOC - Internet Society
ITU - International Telecommunication Union
ITU-T - ITU Telecommunication Standardization Sector
LACNIC - Latin American and Caribbean Internet Address Registry
NANOG - North American Network Operators' Group
NRO - Number Resource Organization
NRO EC - NRO Executive Council
NRO NC - NRO Number Council
OECD - Organization for Economic Co-operation and Development
RIPE - Réseaux IP Européens
RIPE NCC - RIPE Network Coordination Centre
WGIG - Working Group on Internet Governance
WSIS - World Summit on the Information Society

Terms with Specific ARIN or RIR Usage

AC - Advisory Council
AUP - Acceptable Use Policy
BoT - Board of Trustees
CMSD - Communications & Member Services Department
DMR - Designated Member Representative
ENG - Engineering Department
ERX - Early Registration Transfer Project
FSD - Financial Services Department
GMIGS - General Member in Good Standing
IR - Internet 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
NRPM - Number Resource Policy Manual
ORG ID - Organization Identifier
PDP - Policy Development Process
POC - Point of Contact
PPML - Public Policy Mailing List
RFC - Request for Comment
RIR - Regional Internet Registry
RSA - Registration Services Agreement
RSD - Registration Services Department
STLS - Specified Transfer Listing Service
WG - Working Group

Technical Terms

AS - Autonomous System
ASN - Autonomous System Number
BGP - Border Gateway Protocol
CGN - Carrier Grade NAT
CIDR - Classless Inter-Domain Routing
CPS - Certification Practices Statement
DNS - Domain Name System
DNSSEC - Domain Name System Security
ICMP - Internet Control Message Protocol

IN-ADDR - Inverse Addressing
IP - Internet Protocol
IPv4 - Internet Protocol version 4
IPv6 - Internet Protocol version 6
IRR - Internet Routing Registry
IXP - Internet Exchange Point
LAN - Local Area Network
LSN - Large Scale NAT
NAT-PT - Network Address Translation- Protocol Translation

Subscribe to ARIN Mailing Lists

Visit 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_list/rss.html.

There are six active mailing lists:

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.

ARIN Discussion Mailing List (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)

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 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.

ARIN Issued Mailing List (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)

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.



NIC - Network Information Center

NOC - Network Operations Center

PA - Provider Aggregatable

PGP - Pretty Good Privacy

PI - Provider Independent

REST - Representational State Transfer

RPKI - Resource Public Key Infrastructure

RPSL - Routing Policy Specification Language

RWhois - Referral Whois

SSL - Secure Socket Layer

SWIP - Shared Whois Project

TCP - Transport Control Protocol

UDP - User Datagram Protocol

ULA - Unique Local Address

VLSM - Variable Length Subnet Mask

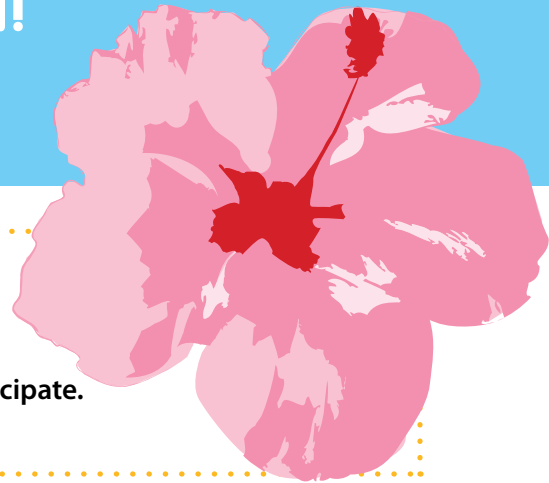
WAN - Wide Area Network

Whois-RWS - Whois Restful Web Service

XML - Extensive Markup Language

6 to 4 - IPv4 Tunnel for IPV6 Traffic

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 and the documented Policy Development Process. Be sure to subscribe to the 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/>.

Outreach Microsite: www.teamarin.net

To increase access and visibility to ARIN's outreach efforts, we have an educational microsite www.teamarin.net. This site is a great information source to help you educate your organization about issues related to IPv4 depletion and IPv6 adoption. You can also find out where you can meet with ARIN staff and representatives at tradeshow and industry events – and even take advantage of free event passes when we have them! This is an educational and informational site only; all ARIN business transactions are still conducted using www.arin.net.

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 webcast and remote participation.

Upcoming meetings:



<https://www.arin.net/ARIN-XXVIII/>



<https://www.arin.net/ARIN-XXIX/>



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