ARIN 31

BARBADOS

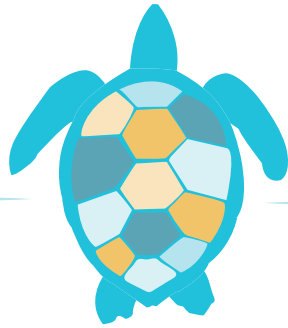### 21-24 APRIL 2013

First Timers'
BREAKFAST

22 APRIL 2013

Mission

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 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
    - WhoWas

Technical Resources

New and developing technologies for managing Internet number resources:

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

ARIN COMMUNITY

ARIN MEMBERSHIP

Board of Trustees — **Advisory Council**

President & CEO

HR & Administration

Financial Services

Executive Director of Gov't Affairs & Public Policy

Chief Operations Officer

Engineering

Registration Services

Communications & Member Services

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' Breakfast attendees who complete and return the enclosed survey are entered into a raffle to win a **$100 ThinkGeek Gift Certificate**. The winner will be selected Monday afternoon

SPELLING IT OUT
AN ACRONYM GUIDE

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
CANTO - Caribbean Association of National Telecommunication Organizations
CITEL - Inter-American Telecommunication Commission
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
ITAC - Internet Technical Advisory Committee
ITU - International Telecommunication Union
ITU-T - ITU Telecommunication Standardization Sector
Lacnic - Latin American and Caribbean Internet Address Registry
NANOG - North American Network Operators' Group
NAv6TF - North American IPv6 Task Force
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
WCIT - World Conference on International Telecommunications
WGIG - Working Group on Internet Governance
WSIS - World Summit on the Information Society
WTPF - World Telecommunications Policy Forum
WTSA - World Telecommunication Standardization Assembly

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
CA - Cryptographic Authentication
CGN - Carrier Grade NAT
CIDR - Classless Inter-Domain Routing
CPS - Certification Practices Statement
CRISP - Cross Registry Information Service Protocol
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
IRIS - Internet Registry Information Services
IRR - Internet Routing Registry
IXP - Internet Exchange Point
LAN - Local Area Network
LSN - Large Scale NAT

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_lists/rss.html**.

There are seven 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.

ARIN Suggestions Mailing List (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.

NAT-PT - Network Address Translation- Protocol Translation
NIC - Network Information Center
NOC - Network Operations Center
PA - Provider Aggregatable
PGP - Pretty Good Privacy
PI - Provider Independent
Reg-RWS - Registration RESTful Web Service
REST - Representational State Transfer
ROA - Route Origin Authorization
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/**.

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 meeting:

https://www.arin.net/ARIN-32/

ARIN is Social!

Please join other attendees in sharing experiences with IPv6, ARIN 31, or other related stories and topics by using:

http://www.facebook.com/TeamARIN

http://www.linkedin.com/groups?gid=834217

http://twitter.com/TeamARIN using the #ARIN31 hashtag

https://plus.google.com/u/0/106553352516672539964

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 tradeshows 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.

FELLOWSHIP PROGRAM
American Registry for Internet Numbers

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.**

ARIN
American Registry for Internet Numbers