First Timers' ORIENTATION

8 OCTOBER 2015

Welcome to Montréal!
On behalf of ARIN and its community, we thank you for taking the time to attend ARIN 36. You are here to add a fresh perspective on Internet number resource policy, and a fresh voice in the policy discussion room, both cornerstones to developing forward-focused, community consensus-based policies that serve the Internet technical community throughout the ARIN region. You have an invaluable opportunity over the next few days to carry the voice and interests of your organization into ARIN's Policy Development Process (PDP) to ensure that Internet number resource management, ARINs primary duty, is guided by the interests of each and every member of the ARIN community. Throughout the meeting, ARIN staff, members of ARIN's Advisory Council (AC) and Board of Trustees, and other representatives of organizations that make up the heart of the ARIN community will be available to you as resources, guides, peers, and collaborators. We are here to answer questions about the meeting as well as any other ARIN activity or service. We hope that you enjoy your first ARIN Public Policy and Members meeting, and from all of us at ARIN, we hope it will not be your last.

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.

About ARIN
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. We serve all Internet users in the region, including over 5,200 members.

What We Do
Manage:
- IP address allocations & assignments
- Autonomous System Numbers (ASN) assignments
- Transfers
- Reverse DNS
- Directory service
  - Whois
  - IRR
  - WhoWas

Coordinate and administer:
- Policy Development
  - Community meetings
  - Discussion
  - Publication
- Elections
- Community outreach
- Education and training

Develop technologies for managing Internet number resources:
- ARIN Online
- Community Software Project Repository
- DNSSEC
- Resource Certification (RPKI)
- Whois-RWS
- Reg-RWS

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 COMMUNITY
- ARIN MEMBERSHIP
- Board of Trustees
- Advisory Council
- President & CEO
  - Executive Director of Gov't Affairs & Public Policy
  - Chief Information Officer
  - Chief Operations Officer
    - Engineering
    - Registration Services
    - HR & Administration
    - Communications & Member Services
    - Financial Services
    - Associate General Counsel
  - Senior Director of Global Registry Knowledge

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**! The winner will be selected Thursday morning.

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 (NRPM) and the documented Policy Development Process (PDP). Be sure to subscribe to the Public Policy Mailing List (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 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.

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 remote participation.

Upcoming meeting:

ARIN 37
JAMAICA | 17–20 APRIL 2016

https://www.arin.net/ARIN-37/

Fellowship Program

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**

FELLOWSHIP PROGRAM
American Registry for Internet Numbers

/TeamARIN

Please join other attendees in sharing experiences with IPv6, ARIN 36, or other related stories and topics by using:

Fb: /TeamARIN

LinkedIn: linkedin.com/company/arin

Twitter: @TeamARIN #ARIN36

G+: gplus.to/TeamARIN

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. All but one are open to the public!

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.

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 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.

There are many ways to contact ARIN. Find them at:
https://www.arin.net/contact_us.html

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
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
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
RDAP - Registration Data Access Protocol

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