



CHICAGO, ILLINOIS | 13-16 APRIL 2014

# First Timers' ORIENTATION

13 APRIL 2014

## Welcome to Chicago!

On behalf of ARIN and its community, we thank you for taking the time to attend ARIN 33. 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, ARIN's 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.

### 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 allocations & assignments
- ASN assignment
- Transfers
- 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

### 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 4703 members.

### 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 59.



## 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 Monday 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 (NRP) 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](http://www.teamarin.net)

To increase access and visibility to ARIN's outreach efforts, we have an educational microsite ([www.teamarin.net](http://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](http://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:



<https://www.arin.net/ARIN-34/>

## 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>



## ARIN is Social!

Please join other attendees in sharing experiences with IPv6, ARIN 33, or other related stories and topics by using:



<http://www.facebook.com/TeamARIN>



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



<http://twitter.com/TeamARIN> use the #ARIN33 hashtag



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

The screenshot shows the TeamARIN website interface. At the top, there's a navigation bar with links for 'About', 'Calendar', 'Blog', 'Education', and 'Spread the Word'. Below this is a 'SPREAD THE WORD' banner with the text 'Help share IPv6 info with others!'. The main content area is divided into several sections: 'Request Educational Materials', 'Latest News' (with an article titled 'A Process of Refining Policies'), 'Featured Articles' (with an article titled 'Globalization of the IANA Functions Contract Explained'), and 'Events Calendar' (showing a calendar for March 2014 with events like 'v6 World Congress 2014', 'ICANN 49', and 'Global IPv6 Forum Summit').

## SUBSCRIBE TO ARIN MAILING LISTS

Visit [https://www.arin.net/participate/mailing\\_lists](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](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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](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  
**CMSSD** - 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  
**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