



## ARIN XXII

Los Angeles, CA  
15-17 October 2008

ARIN invites you to join us 15-17 October 2008 in Los Angeles, California for the ARIN XXII Public Policy and Members Meeting. The meeting will be held back to back with NANOG 44, 12-14 October at the Millennium Biltmore Hotel. Links to meeting, hotel, and remote participation information, as well as other meeting information is available at:

<http://www.arin.net/ARIN-XXII/>.

ARIN will once again offer remote participation via e-mail and a webcast for those that are unable to attend. Registered remote participants can be an active part of the Public Policy Meeting by submitting their questions and comments which will be read from the floor by designated staff, and anyone can view the webcast. Additional agenda details and more information about ARIN XXII will be posted on our website as we get closer to the meeting, so check back often!

## ARIN XXII Policies for discussion

The submission deadline for policy proposals under consideration for inclusion on the ARIN XXII agenda was 16 August. The ARIN Internet Resource Policy Evaluation Process requires that proposed policies must be submitted at least 60 days prior to the meeting. As of 1 August 2008, 5 policies have accepted by the Advisory Council (AC) for discussion.

Proposal #	Policy Proposal Name
2007-14	Resource Review Process
2008-2	IPv4 Transfer Policy Proposal
2008-3	Community Networks IPv6 Allocation
2008-4	Minimum Allocation in the Caribbean Region
2008-5	Dedicated IPv4 block to facilitate IPv6 Deployment

You can review the text and history of these and other policy proposals at:

[http://www.arin.net/policy/proposals/proposal\\_archive.html](http://www.arin.net/policy/proposals/proposal_archive.html)

## Special Feature Panel:

### What would Jon have done about the addressing challenges currently facing us?

Vint Cerf will offer a keynote introduction at NANOG 44, which will be followed by a panel discussion on Wednesday morning 15 October at ARIN XXII in Los Angeles. Internet pioneers Van Jacobson, Lixia Zhang, Danny Cohen, Bob Braden, and Paul Mockapetris will share their recollections of the "behind the scenes" discussions that went on in the "early" days, some 15 or 20 years ago, and you may be surprised at how they mirror the very same threads currently being seen on message lists in our community.

These key players were in the original discussions about addressing, and even then struggled with the looming challenge of address exhaustion. You won't want to miss this chance to examine the current addressing crisis through the lens of experience.

## ARIN in Brief

Established: 1997

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## Caribbean Sector Meetings



### Kingston, Jamaica 21 May 2008

On 21 May, ARIN hosted a Caribbean Sector Meeting in Kingston, Jamaica. The meeting allowed Caribbean resource holders to provide input to the Advisory Council on active policy proposals currently under discussion in the ARIN region. Richard Jimmerson, ARIN Chief Information Officer, briefed the attendees on ARIN activities in the Caribbean, and made educational presentations with Leslie Nobile, Director of Registration Services, on ARIN's Internet Resource Policy Evaluation Process and existing ARIN number resource policy. The meeting was co-sponsored by Mona Information Technology Services and IEEE Jamaica Sector.

The meeting was held in conjunction with a CTU Workshop, and was attended by approximately 50 Internet service providers, network operators, Ministerial and Regulatory government officials, interest group members, Domain name operators, as well as other industry professionals living or working in the Caribbean.

### Nassau, Bahamas 16-17 September 2008

Following a very successful meeting in Kinston, ARIN will return to the area to hold its second Caribbean Sector Public Policy meeting just prior to the ARIN XXII Public Policy and Members Meeting. In addition to the previously offered education and policy discussions, the ARIN Engineering department will be setting up a native IPv6 network for educational experimentation for the Tuesday morning session, followed by the CTU Workshop: Regulatory Innovation in the IP World.

The Wednesday sessions will be dedicated to the discussion of active policy proposals in the ARIN region and ARIN updates. The content of the policy discussions will be provided to the Advisory Council for consideration during their deliberations and will be published on the Public Policy Mailing List (ppml) in keeping with ARIN's open and transparent policy development process.

## Ongoing Outreach Efforts

ARIN outreach has been in high gear through the late spring and summer. ARIN staff traveled around the region to participate in a number of industry tradeshows and conferences. This fall ARIN will continue to reach out to inform the Internet Community about issues related to IPv4 depletion and to promote migration to IPv6.

## Spring Outreach Recap

Where	When	What
ISPCON – Rosemont, IL	13-15 May	Booth and Presentation
2008 Intl. Summit for Community Wireless – Wash. D.C.	21 May	Presentation
Educause Enterprise IT Conference – Chicago, IL	28-30 May	Attended
Media Reform Conference	6-9 June	Attended
Navajo Nation Information Technology Summit – Albuquerque, NM	9-12 June	Booth and Presentation
CANTO 2008 – Paradise Island, Bahamas	13-16 July	Booth and Presentation
Joint Techs Meeting – Lincoln, NE	20-23 July	Presentation
Caribbean Internet Governance Forum – Willemstad, Curacao	23-24 July	Presentation
HostingCon – Chicago, IL	28-30 July	Booth and Presentation

## Internet Governance Update

Since joining ARIN, Cathy Handley, Executive Director of Government Affairs and Public Policy, has spent much time traveling to represent ARIN at various governmental and Internet Governance meetings. Her efforts have focused on contributing to discussions about the governmental implications of Internet community issues regarding IPv4 depletion and IPv6 adoption, and sharing information about what can be done to assist in the adoption of IPv6.

### Cathy's Travel Brief:

MAY – Attended both the ITU-T SG2 and IGF planning meeting for IPv4 and IPv6 discussions. The goal was to develop positions for the upcoming ITU World Telecommunication Standardization Assembly (WTSA) with a focus on clarifying IP addressing issues. The meeting delegates were primarily government officials. She also participated in the Inter-American Telecommunication Commission (CITEL) meeting to develop positions on IP addressing for the upcoming WTSA, and represented ARIN at LACNIC XI in Salvador/Bahia, Brazil.

JUNE - Participated in Organization for Economic Co-operation and Development (OECD) Ministerial where she assisted in the development and presentation of the Technology Stakeholder Forum held during the event. This was a large international event with over 1,500 delegates, mostly from governments and government-sponsored organizations. She also represented ARIN at the ICANN meeting in Paris, France.

JULY – Cathy represented ARIN at both the Caribbean Association of National Telecommunications Organizations (CANTO) meeting and the Caribbean Telecommunications Union (CTU) Internet Governance Forum in Curacao, Netherlands Antilles.



## Elections

The 2008 ARIN Election cycle opened in July when we solicited volunteers for the Nomination Committee and began to accept nominations for the 2 open seats on the Board of Trustees, the 5 open seats on the Advisory Council (AC), and the one open seat on the NRO Number Council (NC). The nominations period for candidates for the Board, AC, and NRO NC closed on 20 August. The slate of candidates will be announced, along with their biographies, on 11 September. At that time the candidates biographies and their responses to the expanded candidate questionnaires will be published on the ARIN website, and community members can begin to add their Statements of Support for community consideration.

ARIN is preparing a major voter mobilization campaign. The elected bodies should represent the diversity of ARIN's membership, and ARIN is stepping up efforts to promote wider community participation in the 2008 ARIN elections. Online voting will open at 12:00 PM EDT (UTC/GMT -4 hours ) on 17 October, the final day of ARIN XXII in Los Angeles. Online voting will be enabled through 12:00 PM EDT on 24 October, with winners announced on 31 October. ARIN XXII meeting attendees, and those viewing the webcast will have an opportunity to hear speeches from the candidates during the Members Meeting on Friday, 17 October.

All member organizations are encouraged to verify their voter eligibility by 3 October, as they must have a valid designated member representative (DMR) and meet all Member-in-Good-Standing criteria to be eligible to vote. E-mail [info@arin.net](mailto:info@arin.net) to verify your eligibility or update your DMR info.

For more election details go to: <https://app.arin.net/election/>

## Revised NRPM

A revised Number Resource Policy Manual (NRPM 2008.3) became effective on 5 August 2008, incorporating the adopted Policy Proposals 2008-1 and 2007-21. Policy Proposal 2008-1 added the option of reporting utilization using SWIP or RWhois to report reassignments smaller than /29s. Policy Proposal 2007-21 allows legacy IPv4 space holders to qualify for IPv6 space by registering their legacy holdings using the Legacy RSA. Both of these policies were adopted by the ARIN Board of Trustees on 8 July 2008.

Global policy 2007-23: End Policy for IANA IPv4 allocations to RIRs was adopted by the Board at the meeting on 8 July 2008, and ratified by the ICANN Board on 31 July. It will be incorporated into the next NRPM update.

## 4-byte Autonomous System Numbers

As of 1 January 2009, ARIN will issue four-byte Autonomous System Numbers by default. Two-byte ASNs will still be available, but must specifically be requested. In accordance with globally-coordinated policy, ARIN and all the Regional Internet Registries began allocating four-byte ASNs by request in January 2007. January 2009 marks the transition, as required by existing policy, for ARIN to allocate four-byte ASNs by default.

Network operators may find themselves with a new four-byte ASN that cannot be recognized by upstream providers, peer networks, and customers. Timely vendor support is necessary to avoid a situation where network operators' routers and network administration systems that will not accept the expanded four-byte number format. ARIN urges operators to verify their vendors' routers will support four-byte ASNs.

APNIC has set up a special website at <http://icons.apnic.net> to help vendors understand how to provide four-byte ASN support and to help network operators find products that support four-byte ASNs.

Please contact [hostmaster@arin.net](mailto:hostmaster@arin.net) if you have any questions concerning this issue.

## The ARIN Annual Report Goes Green!

There is no paper version of the ARIN 2007 Annual Report. The report is a Flash presentation, available online at:



[http://www.arin.net/about\\_us/corp\\_docs/annual/report2007.html](http://www.arin.net/about_us/corp_docs/annual/report2007.html)

## ARIN XXIII

### San Antonio, TX 26-29 April, 2009

We hope to see you in the Lone Star State when the ARIN XXIII Public Policy and Members Meeting rides into San Antonio, Texas! More details to follow in the months ahead.



## The Adventures of Team ARIN

Team ARIN is a fictionalized view of the American Registry for Internet Numbers (ARIN), its processes, and the whole concept of Internet governance. Though our heroes are fictional, the issues they face are very real.

Some liberties are taken in order to present this information in comic book style, but the aspects of the story that illustrate how ARIN and its community work are taken directly from technical documents, like ARIN's Internet Resource Policy Evaluation Process, and based on the ideals and roles described in multiple RFCs.

The members of Team ARIN use their powers to educate the public and facilitate community participation in the existing open, transparent, bottom-up policy process.

We hope you will read and enjoy the adventures of Team ARIN!



View the Issues Online:

<http://www.arin.net/education/comic/index.html>

## About ARIN

As part of our continuing efforts to provide education and training to the ARIN community, we have developed a Flash-based introduction to ARIN, its mission, and its community



and processes. The presentation debuted in the Cyber Café during ARIN XXII in Denver, and has been added to the media loop used in the ARIN booth at outreach events.

You can view it online at:

[http://www.arin.net/education/about\\_ARIN/about\\_ARIN.html](http://www.arin.net/education/about_ARIN/about_ARIN.html)

