

A periodic update of activities and news in the ARIN region.

## Legacy Registration Services Agreement

ARIN has taken a proactive step toward regularizing contractual relationships with Internet Resource holders who received their resources prior to ARIN's inception in 1997. ARIN released the Legacy Registration Services Agreement on 31 October 2007 after presenting an early version for community input at the ARIN XX Public Policy and Member Meeting in Albuquerque, New Mexico.

The current Legacy RSA is available to organizations and individuals in the ARIN service region who hold legacy Internet number resources not covered by any other Registration Services Agreement with ARIN. A legacy number resource is defined as an IPv4 address or Autonomous System number that was issued by an Internet Registry (InterNIC or its predecessors) prior to ARIN's inception on 22 December 1997.

Legacy holders who sign the Legacy RSA are guaranteed the same registration services afforded to organizations that sign the standard Registration Services Agreement (RSA), along with a commitment from ARIN not to make efforts to reclaim unutilized address space. If a legacy holder chooses not to sign the Legacy RSA, ARIN has no plans to revoke their legacy resources. This Legacy RSA also contractually promises that ARIN Internet number resource policies adopted after the contract is signed will not lessen the Legacy RSA address holder's contract rights.

By formalizing their relationship with ARIN, legacy space holders can protect themselves from future community action that might seek to reclaim their unused address space, or otherwise limit their rights and access to WHOIS and IN-ADDR services.

To date, most Legacy resource holders learn about the Legacy RSA when they contact ARIN to arrange a resource transfer. When they hear about the benefits of signing the Legacy RSA, they are eager to apply. Resource Analysts have been facilitating the application process, to ensure accuracy in original applications. This has resulted in a high acceptance rate for Legacy RSA requests.

### As of 30 January 2007 Legacy RSA Statistics:

Total Legacy RSA requests	38
Requests via the Transfer Process	25
Total Completed Requests	16
Total Pending Requests	19

## ARIN XX

### Albuquerque, New Mexico 17-19 October 2007

The ARIN XX Public Policy and Members Meeting was held in conjunction with NANOG 41 in Albuquerque, New Mexico, and hosted a record number of attendees, and first timers. There were multiple workshops and panels co-sponsored with NANOG on Sunday focused on IPv6 migration issues. ARIN XX kicked off with the Open Policy Hour on Tuesday evening, and was followed by two days of Policy discussion. Several presentations on such varied topics as "IP Markets", Routing space problems and solutions, and IPv6 Support among Commercial Firewalls provided food for thought. In Wednesday's Public Policy meeting, candidates for the NRO Number Council addressed the community.

The Friday Members Meeting included reports on ARIN activities, and speeches by the candidates for the ARIN Advisory Council (AC) and Board of Trustees. Please see the Election Wrap-up on page 2 for details and results.

The full transcripts for the Meeting, along with webcasts are available at:

[http://www.arin.net/meetings/minutes/ARIN\\_XX/](http://www.arin.net/meetings/minutes/ARIN_XX/)



## ARIN in Brief

Established: 1997

URL: [www.arin.net](http://www.arin.net)

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## ARIN XX Public Policy Discussions

During the Public Policy sessions at ARIN XX in Albuquerque, New Mexico thirteen policies were presented for public discussion. Based on rules set forth in the ARIN Internet Resource Policy Evaluation Process, the discussions provide additional input for Advisory Council action. The following policies were presented, and their resulting status is noted below:

Proposal #	Proposal Name	Status
2006-7	Changes to IPv6 Initial Allocation Criteria	Abandoned
2007-13	Removal of ISP Immediate Need from End-User	Withdrawn
2007-14	Resource Review Process	AC to work with author
2007-15	Authentication of Legacy Resources	Withdrawn
2007-16	IPv4 Soft Landing	AC to work with author
2007-17	Legacy Outreach and Partial Reclamation	AC to work with author
2007-18	Global Policy for the Allocation of the Remaining IPv4 Address Space	AC to work with author
2007-19	IANA Policy for Allocation of ASN Blocks to RIRs	Moved to Last Call
2007-21	IPv6 for legacy holders with RSA and efficient use	Amended and Moved to Last Call
2007-22	Expand Timeframe of Additional Requests	Moved to Last Call
2007-23	End Policy for IANA allocations to RIRs	AC to work with author
2007-24	IPv6 Assignment Guidelines	AC to work with author
2007-25	IPv6 Policy Housekeeping	AC to work with author

Subsequently, on 11 December 2007 the ARIN Board of Trustees adopted two policy proposals:

2007-19: IANA Policy for Allocation of ASN Blocks to RIRs. This is a global policy proposal which will be implemented after ratification by the ICANN Board of Directors.

2007-25: IPv6 Policy Housekeeping. This policy will be implemented no later than 15 February 2008.

The ARIN Board of Trustees remanded two proposals to the Advisory Council (AC):

2007-21: IPv6 for legacy holders with RSA and efficient use, to facilitate further discussion regarding the policy text.

2007-22: Expand Timeframe of Additional Requests, for further consideration and evaluation with respect to the public policy process.

Policy proposal texts are available at the Policy Proposal Archive which can be found at:  
[http://www.arin.net/policy/proposal\\_archive.html](http://www.arin.net/policy/proposal_archive.html)

## ARIN Election Results

In October 2007, ARIN's General Members in good standing voted in ARIN's annual Board of Trustees and Advisory Council elections. The election guidelines describing the process can be found online at <http://www.arin.net/elections/electionguidelines.html>.

Bill Manning and Paul Vixie were re-elected to serve on the Board of Trustees. Paul Andersen, Cathy Aronson, Marla Azingler were re-elected and Owen DeLong and Scott Leibrand were elected to the Advisory Council.

All Board and Advisory Council terms are for three years beginning 1 January 2008.

Jason Schiller was elected as a representative to the Number Resource Organization Number Council from the ARIN region. ARIN's General Members in good standing, NANOG 41 meeting attendees, and ARIN XX meeting attendees were eligible to vote in the election. Jason Schiller's term is for three years beginning 1 January 2008.

The Board thanks all the outstanding candidates in all three of these elections for their willingness to participate and further serve the community.

## ARIN Outreach Activities

ARIN outreach has been very active, thanks to key staff who spent much of the last quarter raising visibility in the Internet community. In addition to hosting our own Public Policy and Members Meeting, ARIN staff members participated in Internet governance and industry events.

Org.	Location	Dates	Staff	Presentation
ISPCON	San Jose, CA	Oct. 16-18, 2007	Richard Jimmerson, John Curran	John Curran: IPv4 Depletion & IPv6 Deployment
VON	Boston, MA	Oct. 29-Nov. 1	John Curran, Richard Jimmerson, Einar Bohlin, Jon Worley	John Curran: IPv6: It's Time to Make the Move

Org.	Location	Dates	Staff	Presentation
LISA	Dallas, TX	Nov. 11-16	Richard Jimmerson, Mark Kosters	Richard Jimmerson: IPv6: It's Time to Make the Move

In addition to the formal speaking engagements noted above, ARIN staff attended and conducted ARIN business at many venues.

## ARIN XXI

Denver, Colorado 6-9 April 2008

Register now to join the ARIN community in Denver, Colorado from 6-9 April for the ARIN XXI Public Policy and Members Meeting. The meetings will begin on Sunday

afternoon with a session entitled: Understanding ARIN's Legacy Registration Services Agreement presented by ARIN General Counsel Stephen M. Ryan, ESQ., followed by an overview of the Internet Resource Policy Process (IRPEP), and the Open Policy Hour. Sunday evening, be sure to participate in the 9th Annual ARIN foosball tournament. Two days of public policy meetings will feature discussion of the policies listed below, along with tutorials and roundtable discussions on industry hot topics. All attendees are invited to the Wednesday Members Meeting to hear reports on ARIN activities.

The Public Policy and Members Meeting will be available for live viewing via webcast. Remote participation, including the ability to submit questions and comments, is available to all individuals not in attendance.

Full meeting details, including registration, agenda, and remote participation information are available at: <http://www.arin.net/ARIN-XXI>.

### Policy Proposals for Discussion at ARIN XXI as of 28 January 2008:

- 2007-27: Cooperative distribution of the end of the IPv4 free pool
- 2007-26: Deprecate Lame Server Policy
- 2007-23: End Policy for IANA IPv4 allocations to RIRs



- 2007-22: Expand timeframe of Additional Requests
- 2007-21: IPv6 for legacy holders with RSA and efficient use
- 2007-17: Legacy Outreach and Partial Reclamation
- 2007-16: IPv4 Soft Landing
- 2007-14: Resource Review Process

Policy proposals were accepted until 7 February 2008, for possible inclusion on the ARIN XXI agenda, so the list above may be incomplete. The text of all active proposals is available in the Policy Proposal Archives at: [http://www.arin.net/policy/proposals/proposal\\_archive.html](http://www.arin.net/policy/proposals/proposal_archive.html)

Community discussion on policy takes place on the ARIN Public Policy Mailing List (PPML). Archives are available at: <http://lists.arin.net/pipermail/ppml/>

## ARIN Service Improvements

At ARIN, we strive to be responsive to community needs. In the past quarter we have made a number of changes to benefit our community.

### New Templates Released

In response to community requests, ARIN released version 4.2 of all IPv4 and IPv6 reassignment and reallocation templates on 23 October 2007. The new version reinstates the user's ability to specify roles (abuse, NOC, technical) and multiple Points of Contact for resource registration records, which had been features of previous template versions.

When we discovered that version 4.1 had eliminated fields that customers wanted, ARIN responded by returning this level of functionality to the templates.

### Change in Renewal Invoicing for 2008

Beginning with the invoices due in January 2008, due dates for all ARIN renewal invoices shifted to the last day of the month in which an organization's anniversary occurs. This includes renewals for all IP address resources, ASNs, and registration transfers. The anniversary date for an organization is the date when its first resource registration from ARIN was completed. With this change, the month of the anniversary date will be the only factor for determining when invoices will be due. This should simplify accounting for customer organizations.

Changing the invoicing schedule also simplifies matters for Financial Services, streamlining the invoice process, and freeing up valuable resources for future service improvements.

### ARIN Offers New Core Service Over IPv6

Starting 13 December 2007, ARIN began publishing an AAAA record in DNS for [whois.arin.net](http://whois.arin.net). With this addition, ARIN

will have four services available over IPv6 transport: DNS, FTP, Web, and WHOIS.

The new WHOIS service is experimental, and may suffer occasional outages and slower response times than the current service over IPv4. We are excited to make another core service available to the community over IPv6, and we are working to make this a production quality service in the near future.

### Improved RSS Feeds

Beginning 2 January, ARIN began providing improved RSS feeds for its various mailing lists by incorporating the body of the message into the feed. Current RSS subscribers will automatically receive the new format. If you would like to begin receiving postings via RSS, you can subscribe at: <http://www.arin.net/rss.html>.

## ARIN Consultation and Suggestion Update

The ARIN Consultation and Suggestion Process (ACSP) was developed to allow the community and members to have a voice in improving ARIN services and practices. The Consultation Process allows the ARIN Board of Trustees or the President to solicit input from the community on initiatives raised by the Board, President, or through the Suggestion Process. The suggestion process offer a means for individuals, be they members or part of the broader community, to suggest changes, additions, or suspensions of ARIN services and practices.

Since the ACSP was enacted on 1 August 2006, there have been 45 suggestions and three consultations. Eleven have been used to enact change at ARIN and many topics raised continue to be monitored for potential action.

Suggestion 2007.29, asking that ARIN implement the lame-delegation policy on a per-zone basis and not a per-network basis, was sent through the ARIN Consultation process. Although the consultation resulted in minimal community feedback, ARIN feels that there is support for this change in operational practice.

ARIN will make this change with one enhancement. As part of the change, ARIN will also change WHOIS to indicate which portions of a network block are lame. Thus, the community will be able to tell that the omission of one or more delegations (/24's) out of the zone was done on purpose and would not be looked upon as a bug in the zone generation or resolution process. The will be completed by the end of 2nd quarter 2008.

You can find the text and comments on suggestions at: [http://www.arin.net/acsp/acsp\\_suggestions.html](http://www.arin.net/acsp/acsp_suggestions.html)  
The archives of past suggestions are also available through this link.

To review previous consultations go to:  
[http://www.arin.net/acsp/acsp\\_consultations.html](http://www.arin.net/acsp/acsp_consultations.html)

## The Continuing Adventures of Team ARIN!

Ask ARIN staff for the latest comic book issues when you see them next and read all three adventures on the ARIN website at:  
<http://www.arin.net/education/comic/index.html>

