ARIN Update

17 October 2023
John Sweeting, Chief Customer Officer
American Registry for Internet Numbers
2023 Priorities

- Continue outreach in the region to eliminate obstacles for organizations wanting to adopt IPv6.
- Provide industry-leading Internet number registry services to organizations in the service region.
- Prioritize the advancement of Internet routing security.
- Protect the multi-stakeholder approach to Internet technical coordination and the Internet number registry system.
What Have We Been Working On?
ARIN Policy Updates

Autonomous System Numbers

• NRPM 2023.2 was released on 13 September.

• The ASN policy underwent a significant revision, making it easier to qualify for an initial Autonomous System Number (ASN).

• In summary, all you need to do is ask for your initial ASN.
ARIN Outreach Goals in 2023

• Build awareness of ARIN
• Participate in the Internet community
• Educate attendees on the services we provide
• Presentation Topics include:
  - IPv6
  - Resource Public Key Infrastructure (RPKI)
  - Network Autonomy
  - Transfer Market
  - Providing important changes to ARIN services

31 Events attended:
  22 USA
  4 Caribbean
  4 Canada
  1 International

23 Help Desks
25 Presentations
7 Virtual events
Where We Have Been

January – October 2023
Information Security at ARIN

**SOC 2 Type 1**
ARIN achieved the **SOC 2 Type 1** of Resource Public Key Infrastructure (RPKI) in December 2022. Anticipate **Type 2** completion in Q4 2023.

**PCI DSS Certification**
Finalizing **PCI DSS** certification of ARIN Online – anticipated completion in Q4 2023.

**Enhancements**
Enhancements were made to existing security controls, including 2FA enhancements, new phishing defense tools and training.

**Risk & Cybersecurity Committee**
ARIN established a Board Risk & Cybersecurity Committee.
ARIN
Programs & Services
RPKI Adoption – Org Participation

23.9% of Orgs are registered to use ARIN’s RPKI services

- Hosted – 4078
- Delegated – 110
  - Repository Service (RPS) – 17

Total: 4,188
RPKI Services Development Pipeline

**RPKI/ROA Intelligence**
(ACSP 2022.30)
- Provide early warning of potential impact from ROA creation
- Show ROA validity state based on current Internet routing announcements

**RPKI advanced features via ARIN Online interface**
- Ability to download the full list of ROAs to a file for off-line processing
- Accept ROA changes via file upload
- Add functionality to assist customers transitioning from Hosted to Delegated RPKI
  (ACSP 2022.26)

Brad Gorman | Senior Product Owner, Routing Security to give a “Routing Security Update” during ARIN 52
Do you have questions or challenges with your IPv4 address space? Using a **Qualified Facilitator may be a good option**.

All listed Qualified Facilitators have undergone a rigorous application and approval process.

Organizations are not required to use a Qualified Facilitator for IPv4 or ASN resource transfers, however it can streamline the process with ARIN Registration Services.
Receive an overview of Internet number resource policy, the Policy Development Process, ARIN services and operations, and more.

Virtual sessions and attendance at the ARIN Public Policy Meetings

Mentorship from a member of the ARIN Advisory Council

Applications for ARIN 53 will open in January 2024
70+
Interested applicants

14
Applicants selected for the ARIN 52 Fellowship Program – either in person or virtual
3 Caribbean
6 Canada
5 USA

5
Mentors

5
Special Presenters

4
Sessions, plus:

5
Selection Committee Members
Congratulations to the 2023 Grant Recipients!

Open Source
RegCTL & PrefixCTL

FullCtl

NTP TCP Services
Daemon

Network Time Foundation

IPv6 Test Pod

Internet2

Next application cycle opens April 2024
IPv4 Waitlist

Waitlist resources are very scarce.

Returned/revoked resources are the primary source for waitlist applicants.
• Dedicated Account Analyst
• Prioritized Service
• Direct Technical Services Liaison
  RPKI, IRR, DNSSEC and other technical services
• 24/7 On-Call Support
• Customer Focus Group
• Waived Transfer Request Fees for source

*Included for customers at the 2XL level and above as part of the Premier Support Plan package, while also offered as a paid option for all other customers.
Looking Ahead
A Consultation was held this summer regarding registration fees for Autonomous System Numbers (ASNs).

Effective 1 January 2024, ARIN is completing the Fee Harmonization process by:

- Transitioning ASNs to the Registration Services Plan (RSP) Fee Schedule.
- Removing the $550 ASN issuance fee.
- Transitioning ASN-only holders to Service Members, making them eligible for General Membership.
Expiration of Legacy Fee Cap

Beginning on 1 January 2024, ARIN will no longer offer a Fee Cap for Legacy resources brought under an agreement.

The Fee Cap will continue for Legacy resources that have been brought under an agreement before 1 January 2024.
ARIN Elections 2023

**ARIN Board of Trustees**
3 full-term open seats; 1 partial term open seat

**ARIN Advisory Council**
5 full-term open seats, 2 partial term open seats

**Number Resource Organization (NRO) Number Council (NC)**
1 appointee

Statements of support and election procedures [www.ARIN.net/elections](http://www.ARIN.net/elections)

To be eligible to vote:
ARIN General member in good standing with a designated Voting Contact as of 4 September 2023.
### 2023 ARIN Elections Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>19-27 October</td>
<td>General Member Voting Open for ARIN Board and Advisory Council</td>
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<tr>
<td>October</td>
<td>Announcement of Board Appointment of NRO NC ARIN Region Representative</td>
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<tr>
<td>03 November</td>
<td>Election Results Announced</td>
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<tr>
<td>01 January</td>
<td>Terms begin for newly elected and appointed representatives</td>
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**NANOG**
SAVE THE DATE

19-20 October 2023 • San Diego, CA
Thank you

Any questions?