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.

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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

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31 Events attended:
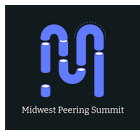*22 USA*
4 Caribbean
4 Canada
1 International
23 Help Desks
25 Presentations
7 Virtual events

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.
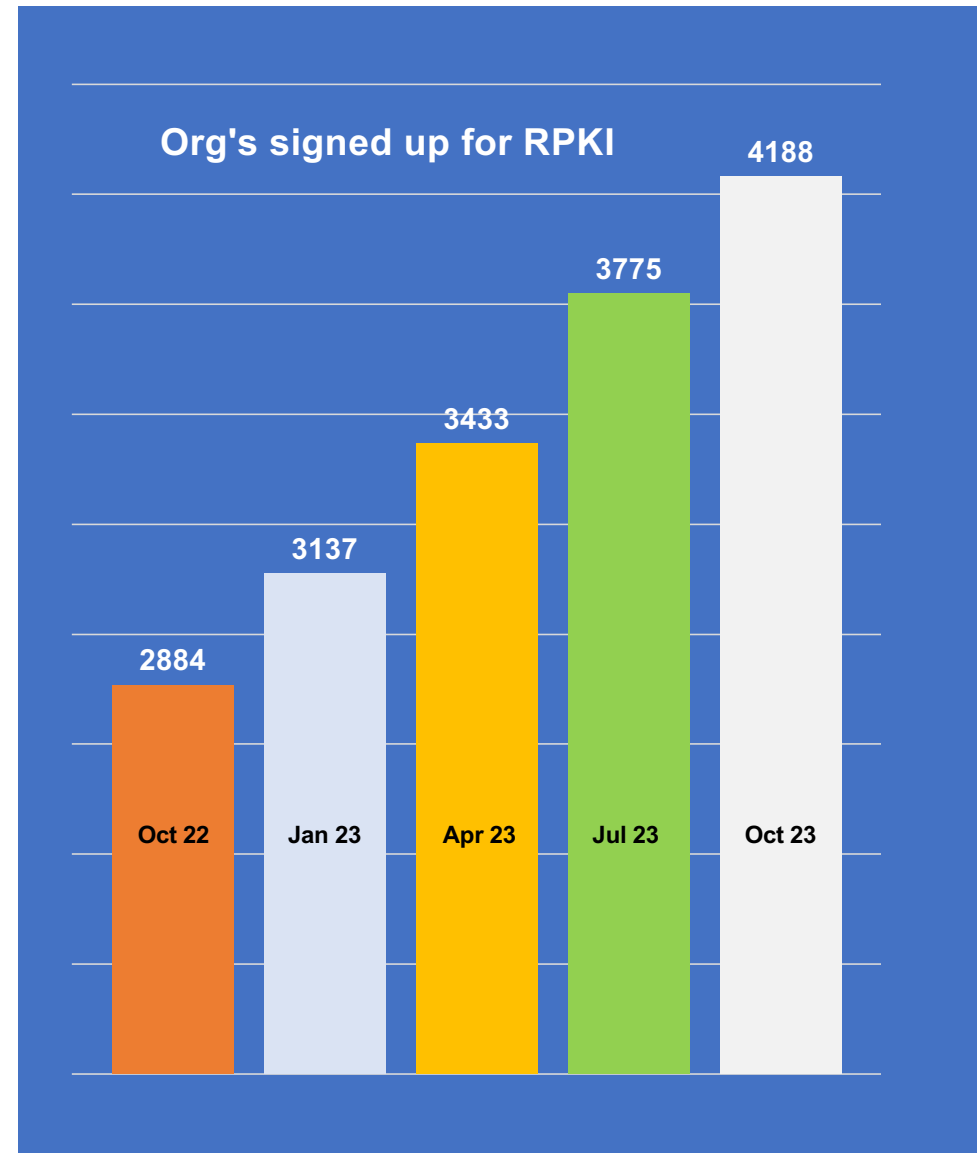
ARIN
Programs & Services

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

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Org's signed up for RPKI

Oct 22	Jan 23	Apr 23	Jul 23	Oct 23
2884	3137	3433	3775	4188

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)

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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.

FELLOWSHIP PROGRAM
American Registry for Internet Numbers

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

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FELLOWSHIP PROGRAM
American Registry for Internet Numbers

ARIN 52
POWERED BY PARTICIPATION

70+
Interested applicants

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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

5
Selection Committee Members

4
Sessions, plus:

SAN DIEGO
N89
2023

ARIN 52
POWERED BY PARTICIPATION

ARIN | Grant Program

Congratulations to the 2023 Grant Recipients!

Open Source RegCTL & PrefixCTL

FullCtl

NTP TCP Services Daemon

Network Time Foundation

IPv6 Test Pod

Internet2

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Next application cycle opens April 2024

IPv4 Waitlist

Waitlist resources are very scarce.

Returned/revoked resources are the primary source for waitlist applicants.

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- 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.

ASN Fee Harmonization

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.

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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 <u>before</u> **1 January 2024**.

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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

To be eligible to vote:

ARIN General member in good standing with a designated Voting Contact as of 4 September 2023.

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2023 ARIN Elections Timeline

19-27 October	General Member Voting Open for ARIN Board and Advisory Council
October	Announcement of Board Appointment of NRO NC ARIN Region Representative
03 November	Election Results Announced
01 January	Terms begin for newly elected and appointed representatives

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Thank you

Any questions?

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