ARIN Update

12 February 2024

John Sweeting, Chief Customer Officer

American Registry for Internet Numbers

2024 Priorities

- **EDUCATE** the community about the multi-stakeholder approach to Internet governance, highlighting the significance and objectives of Regional Internet Registries.

- **CHAMPION** for the continued adoption of IPv6.

- **ADVANCE** Routing Security services through the utilization of Resource Public Key Infrastructure (RPKI) and Internet Routing Registry (IRR).

- **CONDUCT** two Public Policy meetings, manage the 2024 Election cycle, and administer Fellowship and Grant programs.

- **ENGAGE** with the community by participating in industry events, delivering presentations, and offering customer support through help desks.

- **CREATE** enhanced e-learning modules to provide additional educational resources to the community.

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RPKI Services Development Priorities

IRR/RPKI integration re-release

- ROA actions create and/or delete linked IRR route objects (after user consent)
- ARIN Authenticated IRR objects reduce negative impact from objects in 3rd party databases

RPKI/ROA Intelligence

- ACSP 2022.30 – Improvement to ROA Functionality – pending consult in 2024
- Provide foreknowledge of potential impact from ROA creation
- Show ROA validity state based on near real-time data from global BGP table

RPKI advanced features to ARIN Online interface

- Download full list of ROAs to a file for off-line processing
- Enable ROA changes via file upload
- Allow Organizations to self-withdraw from RPKI services (ACSP 2022.26)

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What Have We Been Working On?

ARIN Membership Updates

ASN-only holders are now classified as Service Members under a Registration Services Plan (RSP)

As of 30 January 2024:
Service Members: 23,372
General Members: 1,903
Total Members: 25,275

As a Service Member, you may request to be a General Member if ARIN's governance is important to your organization.

*ARIN provides basic services to approximately 14,000 customers which hold Internet number resources that are not currently covered under any type of agreement with ARIN.

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ASN Fee Harmonization

The Fee Harmonization process, initiated on 1 January 2022, is now complete.

Effective 1 January 2024:

Transitioned ASNs to the Registration Services Plan (RSP) Fee Schedule.

Removed the $550 ASN issuance fee.

Converted ASN-only holders to Service Members, making them eligible for General Membership.

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Expiration of Legacy Fee Cap

As of 1 January 2024, ARIN no longer offers a Fee Cap for Legacy resources brought under an Agreement.

The Fee Cap will continue for Legacy resources that were brought under an Agreement before 1 January 2024.

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Recap of Registration Service Agreement Legacy Holders

Number of Agreements signed as of 31 Dec 2022

📈 **833**

Number of Agreements signed as of 31 Dec 2023

📈 **1,355**

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Approximately **500** organizations pending LRSA approval *(as of 31 December 2023)*

2023 Consultations Overview

The ARIN Consultation and Suggestion Process (ACSP) enables communications in an organized, deliberate, and transparent manner, and provides a feedback mechanism for ARIN to gauge community and members opinions on specific issues.

1 active Consultation at this time – RPKI BGP Intelligence

5 Consultations completed in 2023:
- Retiring Email Templates
- Pending Functionality for Automatic Creation of IRR Route Objects for Uncovered ROAs
- ASN Fee Harmonization
- Offering ARIN content in multiple languages
- Expanding 2FA Options for ARIN Online

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2023 Suggestion Overview

Any person in the ARIN community is welcome to make a suggestion regarding an existing or potential ARIN service or practice.

A suggestion should contain:
- A description of the proposal
- Short rationale explaining who it is intended to benefit and how
- Contact information of the person making the suggestion

17
Suggestions closed in 2023

8
Suggestions from 2023 currently open or confirmed

3
Suggestions from 2023 referred to Consultation

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Email Template Retirement

In June, ARIN will retire the Email Template Processor.

If applicable, there are several options available to replace your current method of submitting reassignment information.

Reg-RWS

ARIN Online account

Open-source Template processor

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Reg-RWS Transition Support Webinar on 22 February 2024
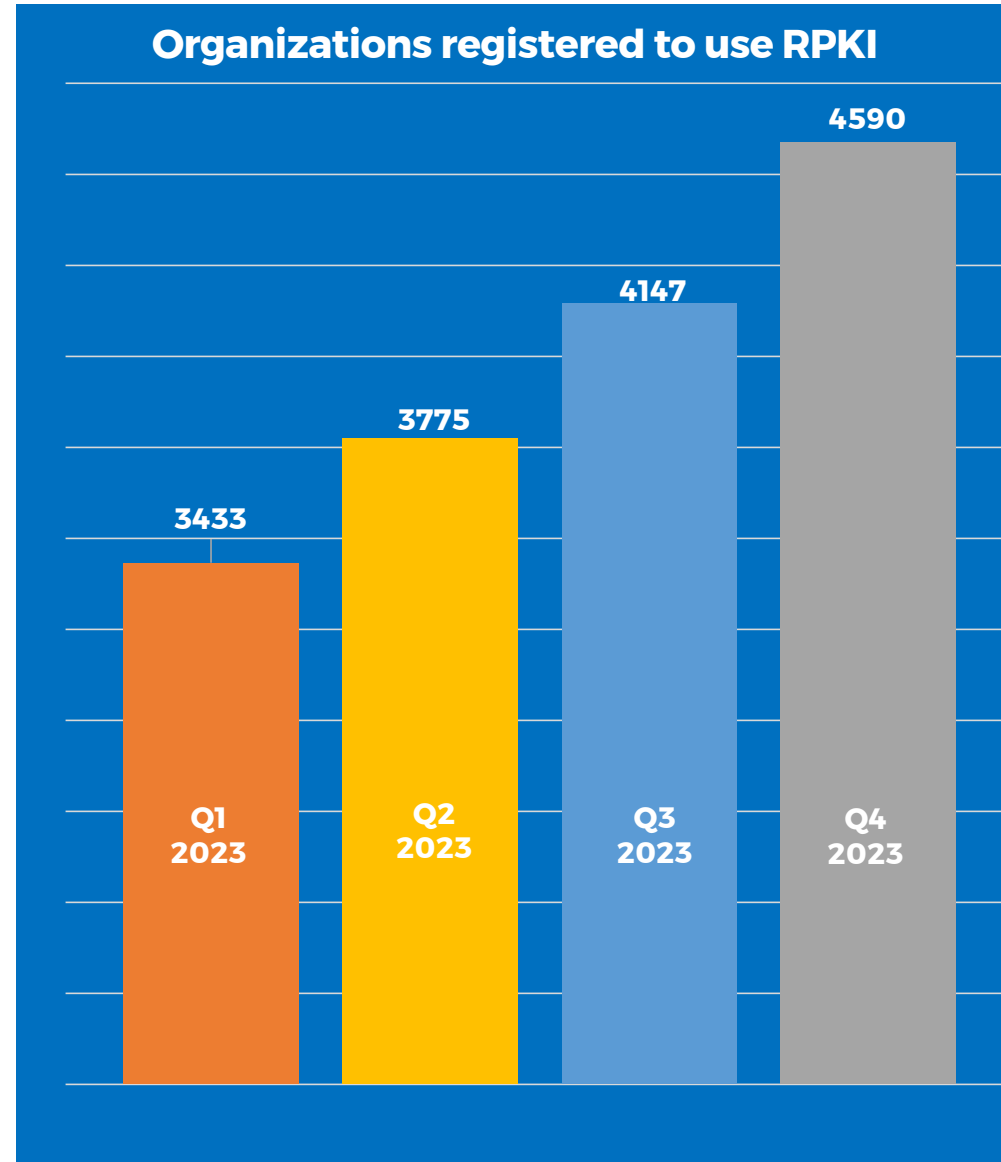
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Programs & Services

RPKI Adoption – Org Participation

As of 24 January 2024:

Organizations registered to use RPKI: 4,729

- Hosted – 4,608
- Delegated – 121
  - Repository Publication Service (RPS) – 57

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Organizations registered to use RPKI

3433	3775	4147	4590
Q1 2023	Q2 2023	Q3 2023	Q4 2023

Additional RPKI Adoption Statistics

% RPKI Adoption per Entity Type*:

Government
8.1% of 831

Educational Institutions
11.5% of 2,186

Commercial/ISPs/
Enterprises/Individuals
12.1% of 39,527

% of Allocated Resources Covered in RPKI ROAs:

Government
5.5% of 906.9k /24s

Educational Institutions
15.4% of 1,228.1k /24s

Commercial/ISPs/
Enterprises/ Individuals
49.6% of 6,476.2k /24s

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Entities in the ARIN Region and regardless of Agreement status

ARIN | Community Grant Program

Supporting operational and research projects that improve the overall Internet industry and Internet user environment.

Four categories a project must fit into:

| Internet technical improvements | Registry processes and improvements | Informational outreach that advances the Internet | Research related to ARIN's mission and operations |

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Next application cycle opens 24 April 2024

FELLOWSHIP PROGRAM
American Registry for Internet Numbers

An interactive learning opportunity for individuals interested in learning more about Internet number resource policy development and Internet governance.

A multiweek program before and during an ARIN Public Policy and Members Meeting.

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Fellows receive an in-depth introduction to the ARIN organization and the Policy Development Process (PDP) in addition to Mentorship from an experienced member of the ARIN community.

The next application cycle – for ARIN 54 in Toronto – opens July 2024.

Do you have questions or challenges with your IPv4 address space? Using a Qualified Facilitator may be a good option.

As of 31 Dec 2023, there are 9 ARIN Qualified Facilitators. All 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.

Questions or have a concern to report? Email Facilitator-support@arin.net.

Current ARIN Qualified Facilitators

- Addrex, Inc.
- IPv4 Global, a division of Hilco Streambank
- Kalorama Group, LLC
- Alpha InfoLab Inc.
- IPtrading.com
- Connexly LLC
- Avenue4 LLC
- Brander Group, Inc.
- Silicon Desert International, Inc.

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![ARIN Premier Support Plan logo]

ARIN Premier Support Plan

- Dedicated Account Analyst
- Prioritized Ticket Processing
- 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

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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.

IPv4 Waitlist

Waitlist resources are very scarce.

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

Number of organizations **added** to the Waitlist in 2023:

504

Number of organizations that **received** IPv4 address space in 2023:

256

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Coming Up in 2024

2024 ARIN Elections Timeline

Spring | Call for Nomination Committee Volunteers

Summer | Call for Nominations for the Board of Trustees, Advisory Council, and NRO Number Council

Fall | Publication of Candidate Slate, Voting period

January 2025 | Terms begin for newly elected and appointed representatives

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WATCH: Leadership Development Program videos: www.arin.net/leadership

Coming to a City Near You ...

POWERED BY PARTICIPATION

ARIN 53: 14-17 April
Bridgetown, Barbados

ARIN on the Road: 30 April
Reno, NV

ARIN on the Road: 2 May
Kansas City, MO

ARIN on the Road: TBD September
Ottawa, Canada

ARIN 54: 24-25 October
Toronto, Canada

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2024 Outreach: Q1 and Q2

Thank you

Any questions?

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