

ARIN Update

14 February 2023

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American Registry for Internet Numbers

Overview

- **Organizational Updates**
 - 2022 Election Results and ARIN Membership
 - Premier Support Plan (PSP)
 - Routing Security and 2FA updates
 - IPv6 Growth
 - IPv4 Waitlist and Transfer Market trends
- **Looking Ahead**
 - ARIN 51
 - ARIN Fee Cap Update
 - Community Grant Program

Organizational Updates

2022 Election Results

- Board of Trustees
 - Incumbent Bill Sandiford was re-elected
 - Rob Seastrom and Hank Kilmer are newly elected members
- Advisory Council
 - Incumbents Alison Wood and Brian Jones were re-elected
 - Gerry George, Kendrick Knowles, and Gus Reese are newly elected members
 - Douglas Camin was also appointed for a one-year term to fill the seat Rob Seastrom vacated - effective 1 January - to join the Board
- NRO Number Council
 - Nick Nugent was elected to a seat on the NRO NC from the ARIN region

ARIN Membership



- Includes Service and General Membership
 - With RSA/LRSA for IP Addresses
- General Members commit to participating in ARIN elections

Premier Support Plan



- ✓ Dedicated Account Manager (White Glove)
- ✓ Prioritized Ticket Processing (White Glove)
- ✓ Direct Technical Services Liaison
- ✓ 24/7 On-Call Support
- ✓ Customer Focus Group
- ✓ Waived Transfer Fees

The paid service was made available to all ARIN customers in August 2022

Routing Security

Automatic re-roll of RPKI objects (ROAs) - First half 2023

- Eliminate impact of untimely expiration

New Routing Dashboard - Second Half 2023

- Create / Delete multiple ROAs in one action – ARIN Online UI and API
- Preview changes of ROA actions / resulting RPKI validity state
- Summary of resource announcements in BGP table
- State of existing ROAs / recommendations for new ROAs
- Automatic IRR route object creation at ROA generation
- New options for notification of RPKI changes

Automating ticketed processes to reduce RSD load - Second Half 2023

- Request resource certificate – Hosted or Delegated signup
- Return to ROA creation page after last create action
- Give Org control to delete RPKI certificates – switch RPKI deployment types

2FA Services Update

- SMS was implemented 25 August 2022
- TOTP continues to be active and available
- Preliminary data (8/25-12/31, 2022) is positive with a significant jump in new 2FA customers (5,157) since 8/25 announcement across TOTP and SMS
 - 66.6% were TOTP activations
 - 33.4% were SMS
- FIDO2 was deployed 3 January
 - ~100 sign-ups in January
- 2FA mandatory on 1 February

IPv6: Helping Your Organization Grow



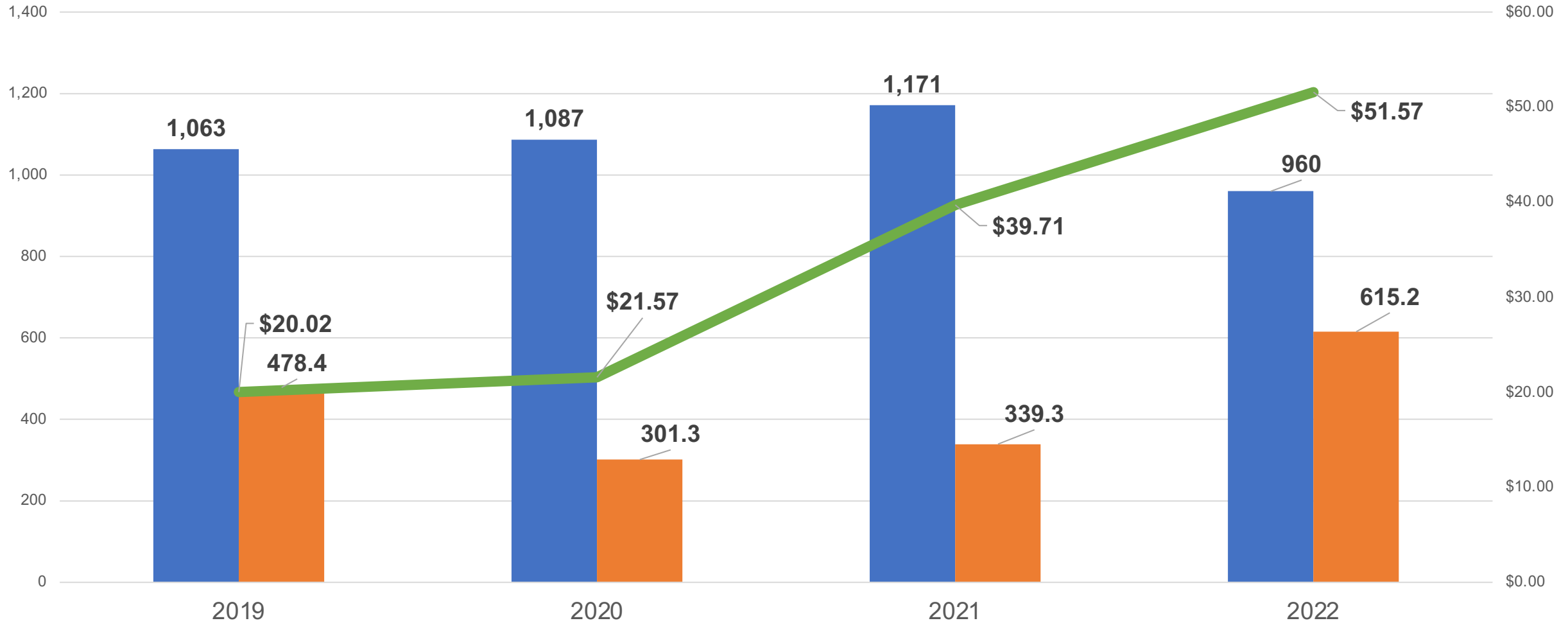
- Fees are minimal
- Provides a much larger address pool so more devices can be connected to the Internet
- Improves addressing and routing of network traffic

IPv4 Waitlist

Waitlist resources are very scarce

Starting in 2023 resources that have been returned or revoked will be the primary source for waitlist applicants

Transfer Market Trends



Transfers **/16 Equivalents** **\$/IPv4 Address**

Market pricing data from <https://auctions.ipv4.global/prior-sales>

The background is a solid blue color with a complex, low-poly geometric pattern of various shades of blue, creating a textured, crystalline effect. The text "Looking Ahead" is centered in a bold, white, sans-serif font.

Looking Ahead

Join Us



Public Policy and Members Meeting
16-19 April 2023
Tampa, Florida

In person and Virtual – Registration now open

ARIN Fee Cap Update

Expiration of annual fee cap

Beginning **1 January 2024**, no fee cap will be offered on annual fees for organizations seeking to bring legacy resources under an LRSA

Organizations that have the fee cap will continue to benefit from the fee cap for legacy resources brought under an LRSA before **1 January 2024**

ARIN Community Grant Program



- Application site opens in [April 2023](#)
- Four categories project must fit into:
 - Internet technical improvements
 - Registry processes and improvement
 - Informational outreach that advances the Internet
 - Research related to ARIN's mission and operations



Thank you

Any questions?