ARIN Update

06-JUN-2022

John Sweeting, CCO

Overview

- Fee Harmonization Update
- 2022 Membership Structure
- RPKI Stats
- ARIN-NONAUTH IRR Update
- IANA Class E Update
- ARIN 49/50 Meetings Update
- Waitlist and Transfers
- Community Grant Program: Last Call

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Fee Harmonization Updates

Feedback results continue to be positive and continue to allow ARIN to interact with customers in ways we may otherwise have not been able to

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Fee Harmonization Updates

Fielding questions has provided unique opportunities for ARIN to collaborate directly with our customers

- Consolidate customer organizations - get a lower total invoice for same services!
- Provide more detail for the enhanced services that are provided under the RSP fee schedule (IRR, RPKI, DNSSEC)
- General education
- Customer Data cleanup

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2022 Membership Structure

- Service Members (NEW for 2022)
  - Service members are entities that have a valid ARIN Registration Services Agreement (RSA or LRSA) for IPv4 and/or IPv6 address space.

  - If they meet eligibility requirements they may receive General Member status upon request, allowing them to participate in ARIN Elections.

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2022 Membership Structure

- General Members (YTD)
  - ~7460 General Members

  - ~110 are newly converted Service Members (previously End Users) who have expressed their commitment to participating in ARIN elections and are now General Members.

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RPKI Stats

A growing number of organizations are taking advantage of the RPKI services offered by ARIN

51,055 ROAs*

+9,407 / +23**%** In 2022

+15,222 / +42**%** YoY

2,722 Resource Certs*

+476 / +21**%** in 2022

+925 / +51% YoY

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* As of 1 June 2022

ARIN-NONAUTH IRR Update

- Retirement of ARIN Non-Authenticated IRR went as scheduled 4 April 2022

- ARIN staff performed active monitoring and real-time support for customers

- Very little follow-up activities were required, driven in large part to an active communications and customer support campaign prior to shutdown

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IPv4 Waitlist

Waitlist resources are anticipated to become very scarce in 2022. Starting in 2023 only returned/revoked resources will be the primary source for waitlist applicants

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Transfers completed in Q1 2022

- Transfers Due to Mergers, Acquisitions, and Reorganizations (8.2): **175 completed (23,346 /24s)**

- Transfers to Specified Recipients Within the ARIN Region (8.3): **217 completed (10,084 /24s)**

- Inter-RIR Transfers (8.4): **82 completed**
  - Inbound: **1,336 /24s**
  - Outbound: **786 /24s**

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Community Grant Program: Last Call

- Application deadline extended until **June 15**
- 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
- Top 5 Reasons to Apply

| Free Funding | Increase project visibility and industry contacts | Receive support from the start | Solve a problem faced by the Internet community | Provide access to valuable education and tools |

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IANA Class E Update

- RFC 1122 (1989) reserved 240/4 for future use
- Discussion over the years
  - Does all hardware/software support it for unicast use?
  - Should we be finding ways to extend IPv4?
- Draft proposal to formally designate it as unicast submitted 10/19/2021, revised 3/7/2022
- Unclear whether IANA would issue it under the "recovered address space" policy or the "old" policy

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ARIN 49

- ARIN 49 (held 24 - 27 Apr in Nashville, TN)
  - Meeting Report:
    - https://www.arin.net/participate/meetings/ARIN49/
  - Highlight was an IPv6 Panel with CEO John Curran moderating a panel consisting of Vint Cert, Geoff Huston, Brent McIntosh, Lee Howard, Byron Holland and Jared Mauch
    - Video archived in the Meeting Report
    - Read about it on the ARIN blog - https://www.arin.net/blog/2022/05/03/arin-49-ipv6-panel/

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ARIN 50 Meeting

- Our next Public Policy and Members Meeting is scheduled for October 20-21 in Hollywood, CA
  - Will be a hybrid meeting with both in person and virtual options for attendees
  - Immediately following NANOG 86
  - Featuring the **2022 ARIN Elections**

- Registration opens in August

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Thank you

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