

IPv4 Transfer Services Update

John Sweeting
Chief Experience Officer





Agenda

- Overview and Trends
- Challenges
- Improvements
- Community Resources



Transfer Overview and Trends

IPv4 Transfers: Overview & Importance



Types of IPv4 Transfers (NRPM 8.x):

- 8.2: Mergers, acquisitions, reorganizations
- 8.3: Specified recipient transfers within the ARIN region
- 8.4: Inter-RIR transfers (between different regions)

Why IPv4 Transfers Matter:

- Critical due to IPv4 exhaustion
- Supports continued growth and innovation
- Promotes data accuracy
- Facilitates efficient IPv4 resource utilization across the Internet community

8.4 Transfer Counts To/From ARIN



2024 saw an **increase in transfers** into ARIN.

Avg /24s Per 8.4 Transfer

■ Average Size of Transfers From ARIN ■ Average Size of Transfers To ARIN



Organizations appear to be **consolidating** and **optimizing resource usage** with **larger block transfers**.



Transfer Challenges

Common Challenges Faced by Customers During 8.4 Transfers

Complexity or misunderstandings of policy and delays on inter-RIR transfers

Verification of rights and authority

Processing times and common delays (e.g., Inter-RIR email process)

Challenges for All ARIN Transfers



- **Inconsistent submissions:** Requests vary in completeness and often require back-and-forth clarification
- **Documentation delays:** Verifying resource control and eligibility frequently extends processing time
- **Resource-intensive processing:** Requests typically involve multiple staff interactions, increasing effort
- **Eligibility tracking is time-consuming:** Verifying block status (e.g., IPv4 Waiting List eligibility) adds complexity and delays
- **Manual workflows slow processing:** Limited automation increases staff workload and reduces scalability



Improvements and Enhancements in Transfer Processing

Improving the Process



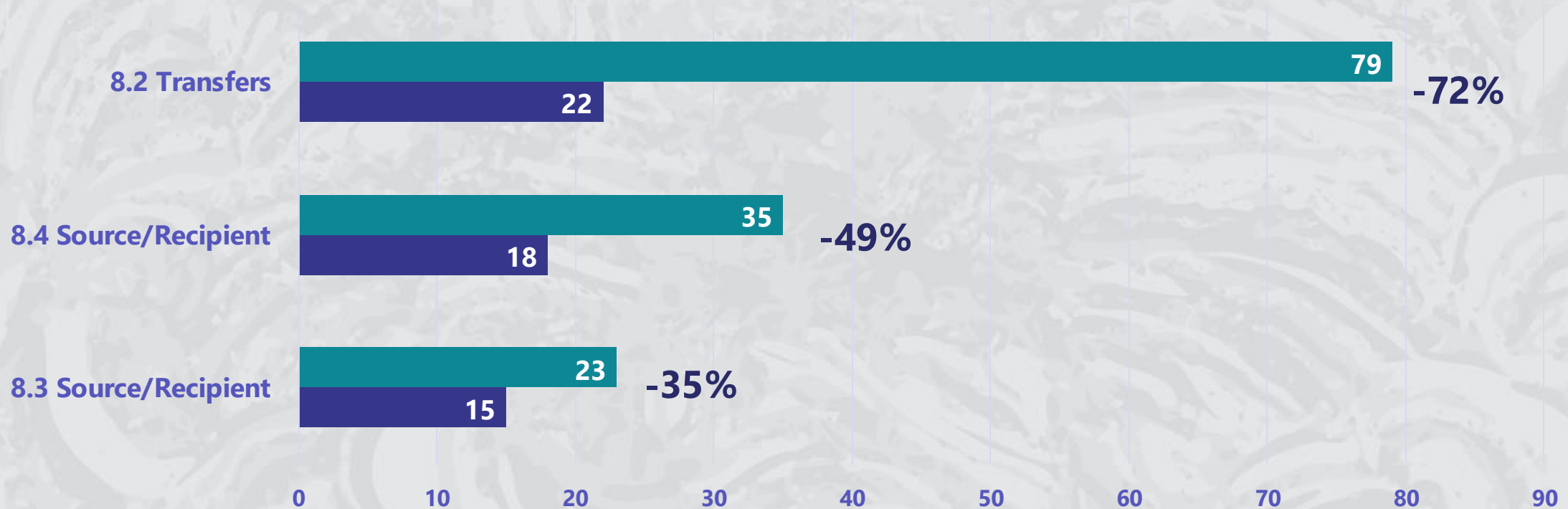
- ARIN has implemented improvements to the IPv4 transfer process focused on **reducing delays, clarifying requirements, and increasing transparency**, driven by both customer feedback and internal process improvement efforts.
- The **Qualified Facilitator Program (QFP)** supports more efficient and reliable transfers by connecting customers with vetted, experienced facilitators who are familiar with ARIN's policies and procedures.
- **Extensive education through outreach** helps prepare customers for the transfer process by promoting **awareness of requirements, clarifying common issues**, and offering direct guidance via webinars, industry events, and ARIN-hosted sessions.

Transfer Efficiency Gains (Q4 2023–Q4 2024)



Transfer Mean Time to Resolve (MTTR) in Days

■ Q4 2023 ■ Q4 2024

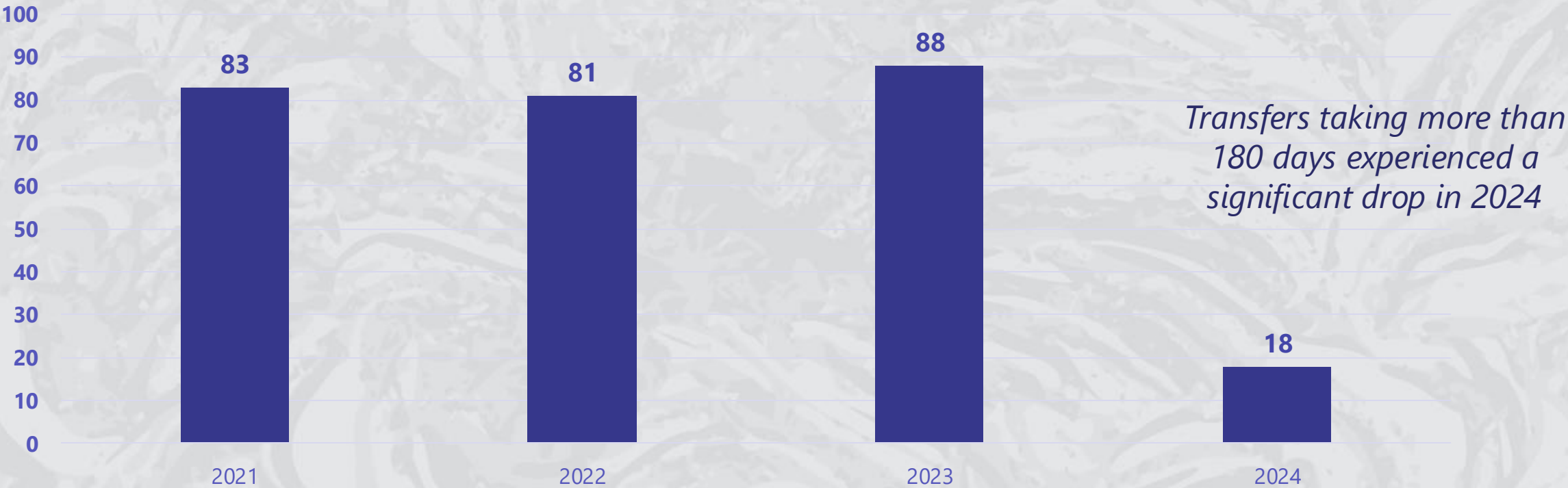


Mean transfer resolution times improved across all categories, with the biggest gains in 8.2 transfers.

Transfer Duration Trends: 2021 to 2024

Transfers Above 180 Days (2021–2024)

■ > 180 Days



Ensuring a Smooth Transfer

Rights and Authority Verification Checklist

- Confirm the **legal status** of the resource-holding organization
- Verify the requestor's **authority to act** (title, role, supporting documentation)
- Review **corporate registration records** and key legal documents:
 - Articles of incorporation
 - Merger or dissolution certificates
 - Assignment or purchase agreements
- Validate **domain or email control** as proof of association
- Ensure alignment with **Whois/ARIN records**
- Request additional documentation if **ownership or lineage is unclear**
- Cross-check **Points of Contacts and Org IDs** for past transfers or reassignment history





Community Resources

Qualified Facilitators

Engaging a Qualified Facilitator can streamline the transfer process and ensure compliance with ARIN policies.

To find an ARIN Qualified Facilitator, visit www.arin.net/qualifiedfacilitators

All Qualified Facilitators have undergone our vetting process to assist with IPv4 address or ASN transfers.



Transfer Customer Support

Registration Services Help Desk is available assist you via:

- Telephone between 7:00 AM - 7:00 PM ET, Monday – Friday
- Chat via your ARIN Online account
- Ask ARIN tickets or other ticketed requests via your ARIN Online account



Get in touch! Visit
arin.net/helpdesk
for more
information





Questions and Comments?
Thank you