



DISCUSSION GUIDE

The American Registry for Internet Numbers, a nonprofit member-based organization, supports the operation of the Internet through the management of Internet number resources throughout its service region; coordinates the development of policies by the community for the management of Internet Protocol number resources; and advances the Internet through informational outreach.

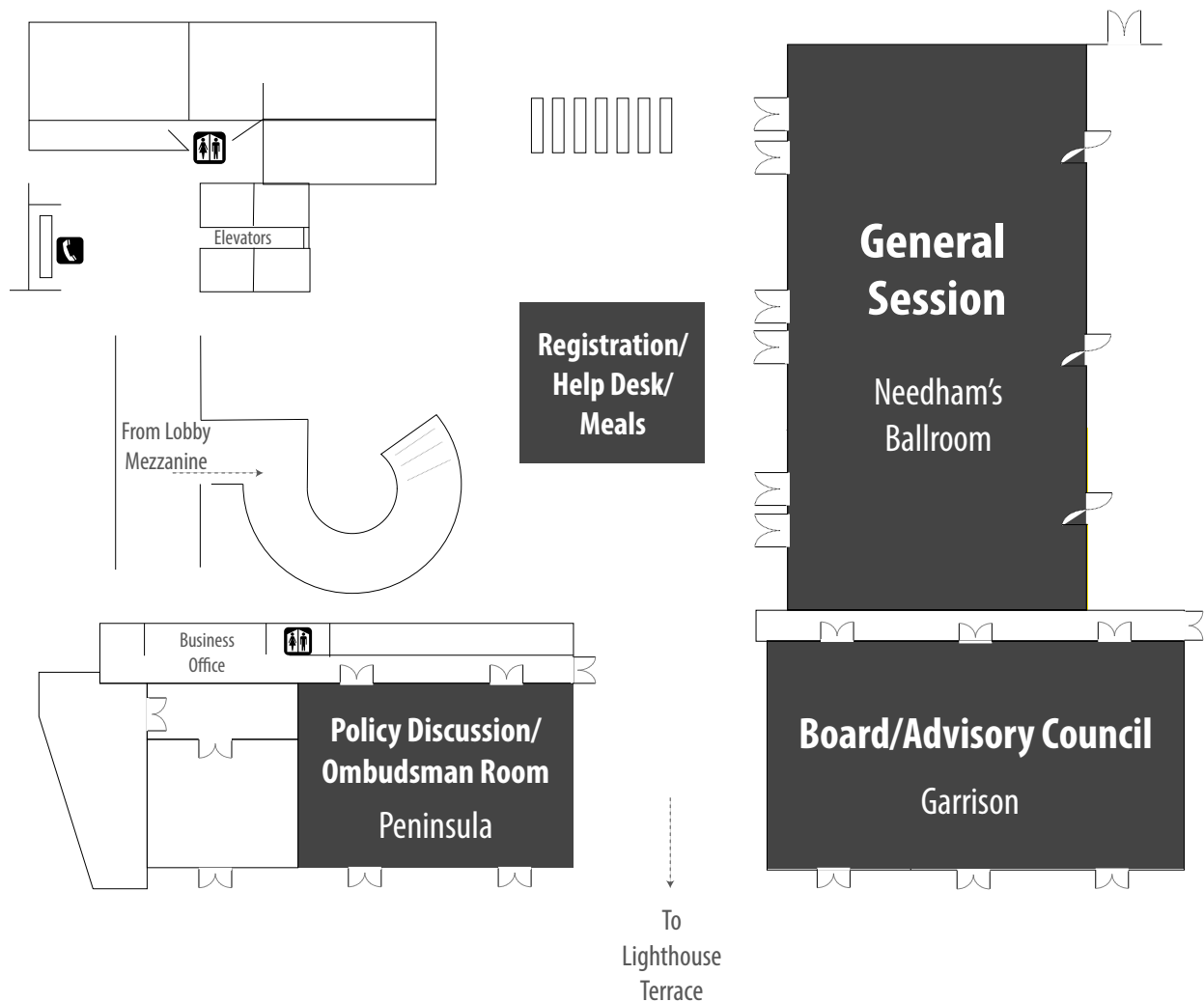
WELCOME TO THE ARIN 53 PUBLIC POLICY AND MEMBERS MEETING!

Policies in the ARIN region are developed by the Internet community using the open and transparent ARIN Policy Development Process (PDP). The Internet community develops policies via discussion on the ARIN Public Policy Mailing List (PPML), at ARIN Public Policy Consultations (PPCs), and at ARIN Public Policy and Members Meetings. Anyone may participate in the process – ARIN membership is not required.

The ARIN Board of Trustees adopts Recommended Draft Policies forwarded by the ARIN Advisory Council if the Board determines that the PDP has been followed, that support and consensus for policies has been reached among the community, and if the Draft Policies are consistent with ARIN's Articles of Incorporation, Bylaws, and applicable laws and regulations.

The ARIN Public Policy and Members Meeting is conducted in an orderly manner to understand the sense of the majority, to respect the views of the minority, and to protect the interests of those absent. Accordingly, the flow of the meeting is structured according to a published agenda and participants are expected to follow Meeting Courtesies, Expected Standards of Behavior, and Rules of Discussion.

ARIN 53 IN THE HILTON BARBADOS RESORT



THE AGENDA

MONDAY, 15 APRIL

all listed times are in the Atlantic timezone

| TIME | PRESENTATION | SPEAKER |
|----------|--|------------------|
| 8:00 AM | Breakfast | |
| 9:00 AM | Opening and Announcements | Hollis Kara |
| 9:05 AM | Welcome from ARIN's President and CEO | John Curran |
| 9:10 AM | Welcome from ARIN's Board Chair | Bill Sandiford |
| 9:15 AM | Sponsor Update | |
| 9:20 AM | Financial Report | Nancy Carter |
| 9:30 AM | Board of Trustees Report | Bill Sandiford |
| 9:40 AM | AC Update and On-Docket Report | Kathleen Hunter |
| 9:55 AM | Keynote: Caribbean Perspective - IPv6 and IXPs | Brent McIntosh |
| 10:30 AM | Break | |
| 11:00 AM | Policy Implementation and Experience Report | John Sweeting |
| 11:15 AM | Regional Policy Update | Eddie Diego |
| 11:30 AM | Government Affairs Update | Einar Bohlin |
| 11:45 AM | Membership and ARIN Elections | John Sweeting |
| 12:00 PM | Lunch | |
| 12:00 PM | Table Topics | |
| 1:30 PM | Policy Block (#1-4) | Advisory Council |
| 2:30 PM | Break | |
| 3:00 PM | NRO Update | John Curran |
| 3:15 PM | ASO AC Update | Kevin Blumberg |
| 3:30 PM | Internet Number Status Report | John Sweeting |
| 3:40 PM | Open Microphone | John Curran |
| 3:55 PM | Closing Announcements and Adjournment | John Curran |
| 7:00 PM | Social Event | |

TUESDAY, 16 APRIL

all listed times are in the Atlantic timezone

| TIME | PRESENTATION | SPEAKER |
|----------|---------------------------------------|-----------------------|
| 8:00 AM | Breakfast | |
| 9:00 AM | Opening and Announcements | Hollis Kara |
| 9:10 AM | Engineering Update | Mark Kosters |
| 9:25 AM | Information Security Update | Christian Johnson |
| 9:40 AM | Routing Security Update | Brad Gorman |
| 9:55 AM | Grant Reports | |
| 10:30 AM | Break | |
| 11:00 AM | NRO RPKI Program Update | Sofia Silva Berenguer |
| 11:15 AM | RIR Updates (APNIC, LACNIC, RIPE NCC) | Kevon Swift |
| 12:00 PM | Lunch | |
| 1:30 PM | Policy Block (#5-9) | Advisory Council |
| 2:30 PM | Training Initiatives | Hollis Kara |
| 2:45 PM | CCO Update | John Sweeting |
| 3:15 PM | Break | |
| 3:45 PM | Legal Update | Michael Abejuela |
| 4:15 PM | Open Microphone | Bill Sandiford |
| 4:25 PM | Closing Announcements and Adjournment | Bill Sandiford |

WEDNESDAY, 17 APRIL

| TIME | PRESENTATION | SPEAKER |
|----------|---|--|
| 8:00 AM | Breakfast | |
| 9:00 AM | Opening and Announcements | Hollis Kara |
| 9:10 AM | Department Reports (Communications, Financial Services, Human Resources & Administration) | Erin Alligood Hollis Kara Brian Kirk |
| 9:40 AM | Outreach & Fellowship Update | Amanda Gauldin |
| 9:55 AM | Open Microphone | Bill Sandiford |
| 10:05 AM | Closing Announcements and Adjournment | John Curran |
| 10:10 AM | Break | |
| 10:30 AM | RPKI Deployathon (ARIN & CaribNOG attendees) | Brad Gorman |
| 12:00 PM | Lunch w/ CaribNOG | |
| 2:00 PM | ARIN Caribbean Roundtable | |

WHAT'S INSIDE

FOR DISCUSSION

This document contains the Recommended Draft Policies and Draft Policies on the agenda for this Public Policy and Members Meeting.

Draft Policies are works in progress and are included in this document to assist with discussion. This text is subject to change, and the most up-to-date text is always available on the ARIN website at: <https://www.arin.net/participate/policy/drafts/>

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ARIN PARTICIPANTS EXPECTED STANDARDS OF BEHAVIOR

Those who take part in any ARIN meeting, conference or event including but not limited to Public Policy and Member Meetings, ARIN on the Road, ARIN in the Caribbean, etc., and related activities (including but not limited to ARIN staff, members of the Board of Trustees, Advisory Council ["AC"], Address Supporting Organization Address Council ["ASO AC"], and ARIN meeting attendees) must:

- Treat each other with civility, courtesy and respect (both face-to-face and online), regardless of the sex, race, color, national origin, marital status, age, religion, creed, disability, pregnancy, sexual orientation, gender identity, occupation, line of business, or any other classification protected by law, or policy position of other participants.
- Make reasonable and informed comments when participating in policy development and decision-making discussions and processes.
- Listen respectfully to the views of all stakeholders when considering policy issues.
- Those who take part in the ARIN Policy Development Process must take responsibility for the success of the model by trying to build consensus with other participants and find solutions to issues.
- Act fairly and in good faith with other participants in the ARIN process.
- Act in accordance with ARIN's Policy Development Process when participating in ARIN public policy events. The ARIN model is based on a bottom-up, consensus-driven approach to policy development.
- Refrain from inappropriate photography or recording of individuals without their knowledge or permission.
- Follow the rules and regulations of the event venue or hotel.

Further, those who participate in ARIN events and related activities must foster an environment that is free from any form of discrimination and conduct that is harassing, coercive, or disruptive. ARIN prohibits harassment in any form – verbal, physical or visual – and will not tolerate discriminatory harassment or inappropriate conduct of a harassing nature directed against any individual on the basis of sex, race, color, national origin, marital status, age, religion, creed, disability, pregnancy, sexual orientation, gender identity, occupation, line of business, or any other classification protected by law, or policy position of other participants.

Sexual harassment is a form of gender discrimination that is unlawful and violates this policy. For purposes of this policy, sexual harassment is defined generally to include unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when such conduct is made a condition of an individual's employment or participation, used as the basis for decisions, or has the effect of substantially interfering with an

individual's performance or creating a hostile environment. Sexually harassing conduct, as well as inappropriate conduct of a harassing nature, is prohibited. Examples of prohibited conduct include, but are not limited to: (1) sexually-oriented kidding, teasing, gestures or jokes; (2) offensive or unwelcome sexual flirtations, advances, or propositions; (3) verbal abuse of a sexual nature; (4) graphic or verbal comments, epithets, or slurs about an individual's body; (5) sexually degrading words used to describe an individual; (6) the display or transmission (e.g., e-mail, text or social media) of sexually suggestive or sexually explicit materials (such as magazines, videos, pictures, cartoons or posters); (7) inquiries into another individual's sexual experiences and activities or discussion of one's own sexual experiences and activities; and (8) unwelcome intentional touching of another person or other unwanted intentional physical conduct.

ARIN is committed to supporting a productive and safe environment for all participants at ARIN events. Any ARIN participant who feels that another participant has violated these standards is asked to immediately notify any of the following: ARIN's President and CEO, Chief Human Resources Officer, or General Counsel; the Chair of ARIN's Board; or the Ombudsperson. Contact information for these individuals can be found here. Any ARIN participant who believes there has been a violation of this policy on the ARIN mailing list should report it via the ARIN Mailing List Acceptable Use Policy.

All allegations of violations that are reported will be reviewed as promptly as possible and will be treated with as much confidentiality as possible, consistent with the need to conduct a thorough review and investigation if necessary.

ARIN prohibits retaliation against any ARIN community member or participant who, in good faith, alleges a violation of these standards, even if sufficient evidence is not found to substantiate the allegation. ARIN also prohibits retaliation against any ARIN participant or community member participating in a review or an investigation of an allegation. An ARIN community member or participant will not be penalized in any way for reporting a potential violation of these standards.

Violations of these standards may result in disciplinary action without warning, which correlates with the nature and gravity of the violation. Discipline can include but is not limited to:

- A reprimand.
- Removal from ARIN-related activities and/or initiatives.
- Any other measure deemed necessary to maintain a productive and safe working environment for all participants.

RULES OF DISCUSSION

The Chair moderates discussions of formal draft policies so that all can speak and all can be heard. Accordingly, every person who participates in a Public Policy Consultation is asked to follow these simple rules and customs:

1. All persons have equal rights, privileges, and obligations.
2. Full and free discussion of all draft policies is the right of every person participating in the meeting.
3. Only one policy is considered at a time.
4. Persons should not speak in the discussion until they have moved to a designated speaker's position and have been recognized by the Chair and granted the floor.
5. Every time a speaker is recognized by the Moderator, speakers should do the following:
 - State their name.
 - State intent to support or not support the policy under discussion.
6. No person should speak a second time on the same topic if anyone who has not spoken on that topic wishes to do so.
7. No person should speak for more than three minutes unless the Moderator gives consent.
8. Speakers should direct all remarks to the Moderator. They should not debate with other speakers or otherwise attack or question the motives of other speakers.
9. While the discussion is in progress, speakers may suggest amendments or other secondary proposals to the Moderator, who will see them acted on accordingly.
10. Only the Moderator may call for a poll to gain a sense of the participants regarding the policy under discussion, any part of that policy, any proposed amendment to that policy, or any secondary proposal. The Chair will state all questions before polling responses mean.

DRAFT POLICY ARIN-2022-12

Direct Assignment Language Update

https://www.arin.net/participate/policy/drafts/2022_12/

STATUS: Under Discussion

SHEPHERDS: Doug Camin, Leif Sawyer

Current Text (20 March 2024)

PROBLEM STATEMENT:

As a result of ARIN's fee harmonization direct assignments are no longer being utilized within ARIN databases therefore language around that has been deprecated and should be modernized and aligned with current ARIN practices.

POLICY STATEMENT:

Section 2.5:

Update definition of Allocation and Assignment to reflect current practice.

FROM:

"Allocation - IP addresses delegated to an organization directly by ARIN for the purpose of subsequent distribution by the recipient organization to other parties.

Assignment - IP addresses delegated to an organization directly by ARIN for the exclusive use of the recipient organization."

TO:

"Allocation - A block of IP addresses issued from ARIN directly to customers. These IP addresses may be further reassigned or reallocated accordingly.

Assignment - This term is no longer used to describe IP addresses issued by ARIN.

Section 2.6:

Change "receiving assignments of" to "issued."

FROM:

"2.6 End User

An end-user is an organization receiving assignments of IP addresses exclusively for use in its operational networks."

TO:

"2.6 End User

An end-user is an organization issued IP addresses exclusively for use in its operational networks."

Section 2.8

Change “allocated or assigned” to “issued.”

FROM:

“2.8. Registration Services Agreement (RSA)

Number resources allocated or assigned by ARIN under these policies are subject to a contractual agreement between ARIN and the resource holder. Throughout this document, any and all forms of this agreement, past or future, are simply referred to as the Registration Services Agreement (RSA).”

TO:

“2.8. Registration Services Agreement (RSA)

Internet number resources issued by ARIN under these policies are subject to a contractual agreement between ARIN and the resource holder. Throughout this document, any and all forms of this agreement, past or future, are simply referred to as the Registration Services Agreement (RSA).”

Section 3.6.3:

Change paragraph 1 text

FROM: “This policy applies to every Organization that has a direct assignment, direct allocation, or AS number from ARIN”

TO: “This policy applies to every Organization that has Internet number resources issued by ARIN”

RESULT: “This policy applies to every Organization that has Internet number resources issued by ARIN (or one of its predecessor registries) or a reallocation from an upstream ISP. This includes but is not limited to upstream ISPs and their downstream ISP customers (as defined by NRPM 2.5 and 2.6), but not reassignments made to their downstream end user customers.”

Section 4.2.2:

Replace text as follows

FROM: “All ISP organizations without direct assignments or allocations from ARIN qualify for an initial allocation of up to a /22, subject to ARIN’s minimum allocation size.

All ISP organizations without direct allocations, direct assignments, re-allocations or reassignments automatically qualify for a /24. These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.”

TO: “All ISP organizations without any IPv4 addresses from ARIN automatically qualify for an initial allocation of a /24. ISPs providing a 24-month utilization plan for the request size specified may receive up to a /22. ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.”

Section 4.3.2:

Change paragraph 1 text

FROM: “End-user organizations without direct assignments or allocations from ARIN qualify for an initial assignment of ARIN’s minimum assignment size.”

TO: "End-user organizations without an IPv4 allocation from ARIN qualify for an initial allocation of ARIN's minimum allocation size."

Section 6.5.8:

Change section title

FROM: "Direct Assignments from ARIN to End-user Organizations"

TO: "End-user Allocations"

Section 8.5.4:

Change section text

FROM: "Organizations without direct assignments or allocations from ARIN qualify for transfer of an initial IPv4 block of ARIN's minimum transfer size."

TO: "Organizations without an IPv4 allocation from ARIN qualify for transfer of an initial IPv4 allocation of ARIN's minimum transfer size."

Section 8.5.6:

Change section text

FROM: "Organizations with direct assignments or allocations from ARIN must have efficiently utilized at least 50% of their cumulative IPv4 address blocks in order to receive additional IPv4 addresses. This includes all IPv4 space reassigned to their customers."

TO: "Organizations with an IPv4 allocation from ARIN must have efficiently utilized at least 50% of their cumulative IPv4 address blocks in order to receive additional IPv4 addresses. This includes all IPv4 space reallocated and/or reassigned to their customers."

TIMETABLE FOR IMPLEMENTATION: Three months

Staff and Legal Review (15 March 2024)

STAFF UNDERSTANDING

We understand that the intent of this Recommended Draft Policy is to update the definition of the terms "Allocation" and "Assignment" in section 2.5 of the Number Resource Policy Manual. Staff recommends that proposed definitions be changed to the following to be more precise and clearer as to the meaning of these terms in reference to ARIN practice and the policies in the NRPM .

In Section 2.5, update definition of Allocation and Assignment to reflect current practice.

TO:

Allocation – the term allocation refers to a block of IP addresses issued from ARIN directly to customers. These IP addresses may be further reassigned or reallocated accordingly.

Assignment – this term is no longer used to describe IP addresses issued by ARIN.

Staff suggests that consistent use of the term Allocation when the definition of Allocation is intended, instead of synonyms or other forms of the word, such as "allocated," will add clarity and precision to the text. For similar reasons, staff recommends eventually making these updates to the entire NRPM.

IMPLEMENTABLE AS WRITTEN? Yes

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None

LEGAL REVIEW

There is no legal objection to proposed language, but as this is the first time that the terminology has been reviewed in many years, Legal notes that use of the term “issued” rather than “allocated or assigned” in Section 2.8 would make the language consistent with the terminology used in the Registration Services Agreement (RSA).

IMPLEMENTATION TIMEFRAME ESTIMATE: Three months

IMPLEMENTATION REQUIREMENTS:

- Staff training
- Updates to public documentation

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 1 March 2024

RECOMMENDED DRAFT POLICY ARIN-2023-1

Retire 4.2.1.4. Slow Start

https://www.arin.net/participate/policy/drafts/2023_1/

STATUS: Draft Policy

SHEPHERDS: Brian Jones, Kaitlyn Pellak

Current Text (23 May 2023)

AC ASSESSMENT OF CONFORMANCE WITH THE PRINCIPLES OF INTERNET NUMBER RESOURCE POLICY:

Based on community feedback and AC discussion Draft ARIN-2023-1: Retire 4.2.1.4. Slow Start has been moved to Recommended Draft. This policy, if adopted, will retire section 4.2.1.4 Slow Start which served its purpose to constrain the rate of IPv4 allocations made by ARIN and has not been in use since 2018 due to the exhaustion of the IPv4 free pool and introduction of transfer policies. This Draft Policy is fair, impartial, and technically sound.

PROBLEM STATEMENT:

Section 4.2.1.4 Slow Start has been a part of the NRPM for two decades, and successfully served to constrain the rate at which ARIN issued IPv4 address allocations to its members for many years. Following the exhaustion of the free pool, as well as the introduction and refinement of transfer policies, Slow Start has ceased to be applicable to the operations of ARIN's registration services. Staff has confirmed that this policy has not been used since 2018.

POLICY STATEMENT:

Retire 4.2.1.4 Slow Start

TIMETABLE FOR IMPLEMENTATION: Immediate

Staff and Legal Review (6 November 2023)

STAFF UNDERSTANDING

Draft Policy ARIN-2023-1 Retire 4.2.1.4. Slow Start intends to retire policy text that is no longer applicable. The policy text is clear and understandable.

IMPLEMENTABLE AS WRITTEN? Yes

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None

LEGAL REVIEW

No material legal issue.

IMPLEMENTATION TIMEFRAME ESTIMATE: Three months

IMPLEMENTATION REQUIREMENTS:

Updates to public documentation

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 23 May 2023

RECOMMENDED DRAFT POLICY ARIN-2023-4

Modernization of Registration Requirements

https://www.arin.net/participate/policy/drafts/2023_4/

STATUS: Under Discussion

SHEPHERDS: Alicia Trotman, Daniel Schatte

Current Text (17 January 2024)

AC ASSESSMENT OF CONFORMANCE WITH THE PRINCIPLES OF INTERNET NUMBER RESOURCE POLICY:

Draft Policy ARIN-2023-4: Modernization of Registration Requirements, conforms to the principles of the ARIN Policy Development Process. This draft policy is found to be fair, impartial and technically sound. Based on community feedback and AC discussion we motion to move ARIN-2023-4: Modernization of Registration Requirements to Recommended Draft. If adopted this policy aims to modernize the registration related policies in Section 4.

PROBLEM STATEMENT:

Registration is central to the value provided by ARIN to the community. Registry quality depends greatly upon the timely registration of reassignments from ISPs to end users. The motivation for registration has waned since the depletion of the free pool. At the same time, privacy laws have been introduced in many jurisdictions across ARIN's service region which constrain registration in certain cases. This combination of forces has generally discouraged many ISPs from registering reassignments. Registration remains vital to a number of stakeholders, including law enforcement and network operators.

This proposal aims to modernize the registration-related policies in Section 4 by introducing language that is meant to make registration requirements more adaptable to changing privacy laws, while reminding ISPs of the importance of registration when feasible for the benefit of the community.

POLICY STATEMENT:

In section 4.2.3.7.1,

Replace

"Each IPv4 reassignment or reallocation containing a /29 or more addresses shall be registered via SWIP or a directory services system which meets the standards set forth in section 3.2."

With

"Each IPv4 reassignment or reallocation containing a /29 or more addresses shall be registered in the WHOIS directory via SWIP, or a directory services system which meets the standards set forth in section 3.2, within 14 days."

Retire section 4.2.3.7.2 Reassignments and Reallocations Visible Within Seven Days

Rename 6.5.5.1

From

"Reassignment Information"

To

“Reassignment and Reallocation Information”

In section 6.5.5.1,

Replace

“Each static IPv6 reassignment or reallocation containing a /47 or more addresses, or subdelegation of any size that will be individually announced, shall be registered in the WHOIS directory via SWIP or a distributed service which meets the standards set forth in section 3.2. Reassignment and reallocation registrations shall include each client’s organizational information, except where specifically exempted by this policy.”

With

“Each static IPv6 reassignment or reallocation containing a /47 or more addresses, or subdelegation of any size that will be individually announced, shall be registered in the WHOIS directory via SWIP, or a distributed service which meets the standards set forth in section 3.2, within 14 days. Reassignment and reallocation registrations shall include each client’s organizational information, except where specifically exempted by this policy.”

Retire section 6.5.5.2 Reassignments and Reallocations Visible Within Seven Days

TIMETABLE FOR IMPLEMENTATION: Immediate

Staff and Legal Review (6 November 2023)

STAFF UNDERSTANDING

This policy extends the requirement to create Reassignment and Reallocation records from 7 days to 14 days. The policy text is clear and understandable. Staff agrees with Legal’s comment.

IMPLEMENTABLE AS WRITTEN? Implementable with Legal’s concerns addressed.

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None

LEGAL REVIEW

Legal has a material legal issue with the inclusion of “to the extent permitted and manner provided by applicable law” in proposed sections 4.2.3.7.1 and 6.5.5.1. Section 1.1 of the Policy Development Process (PDP) addresses generally that all policies must be consistent with applicable laws and regulations. Since the goal of the PDP is to create and update the policies that ARIN uses to administer Internet Number Resources, any such reference to applicable law is unnecessary and could create ambiguity and inconsistencies.

IMPLEMENTATION TIMEFRAME ESTIMATE: Three months

IMPLEMENTATION REQUIREMENTS:

Staff Training
Updates to public documentation
Updates to internal procedures and guidelines

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 21 September 2023

RECOMMENDED DRAFT POLICY ARIN-2023-5

Clean-up of NRPM Sections 4.3.4, 4.4, 4.10 and 6.10.1

https://www.arin.net/participate/policy/drafts/2023_5/

STATUS: Under Discussion

SHEPHERDS: Alison Wood, Kendrick Knowles

Current Text (25 October 2023)

AC ASSESSMENT OF CONFORMANCE WITH THE PRINCIPLES OF INTERNET NUMBER RESOURCE POLICY:

With AC and community discussion and support we motion to move ARIN-2023-5: Clean-up of NRPM Sections 4.3.4, 4.4, 4.10 and 6.10.1 to Recommended Draft. This policy, if adopted, will provide the following:

Delete section 4.3.4 in its entirety and replace it with the heading “4.3.4 [Retired]”.

For section 4.4, delete the sentence: “Organizations receiving these micro-allocations will be charged under the fee schedule.”

For section 4.10, replace the text “This block will be subject to a minimum and maximum size allocation of /24.” with the text “A /24 will be allocated.”

For section 6.10.1, delete the sentence: “Organizations receiving these micro-allocations will be charged under the fee schedule.”

PROBLEM STATEMENT:

This proposal continues the work that the ARIN AC NRPM Clean-up Working Group undertook to simplify the NRPM. It relates specifically to sections 4.3.4, 4.4, 4.10 and 6.10.1. The focus of this proposal is to remove unnecessary wording from these sections. In the case of section 4.3.4, the text of the entire section is redundant, because it is clear throughout the NRPM that resources can be obtained under various policies and so it is not necessary for that to be stated specifically. In the case of sections 4.4 and 6.10.1, the references to fee payment should be removed since the PDP does not address fees. In the case of section 4.10, unnecessarily complex language can be simplified.

POLICY STATEMENT:

Delete section 4.3.4 in its entirety and replace it with the heading “4.3.4 [Retired]”.

For section 4.4, delete the sentence: “Organizations receiving these micro-allocations will be charged under the fee schedule.”

For section 4.10, replace the text “This block will be subject to a minimum and maximum size allocation of /24.” with the text “A /24 will be allocated.”

For section 6.10.1, delete the sentence: “Organizations receiving these micro-allocations will be charged under the fee schedule.”

COMMENTS:

The proposed changes relating to sections 4.3.4, 4.4, 4.10 and 6.10.1 were combined even though they address different topics because they are all viewed as very simple changes, and ARIN Community members have expressed a desire not to have too many policy proposals moving through the PDP at the same time to the extent that they can be reasonably aggregated without introducing undue complexity.

TIMETABLE FOR IMPLEMENTATION: Immediate

Staff and Legal Review (9 October 2023)

STAFF UNDERSTANDING:

Draft Policy ARIN-2023-5 makes minor editorial changes to NRPM Sections 4.3.4, 4.4, 4.10 and 6.10.1

The policy text is clear and understandable.

IMPLEMENTABLE AS WRITTEN?: Yes

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None.

LEGAL REVIEW: No material legal issue.

IMPLEMENTATION TIMEFRAME ESTIMATE: 3 months

IMPLEMENTATION REQUIREMENTS:

Updates to public documentation

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 14 August 2023

RECOMMENDED DRAFT POLICY ARIN-2023-6

ARIN Waitlist Qualification

https://www.arin.net/participate/policy/drafts/2023_6/

STATUS: Under Discussion

SHEPHERDS: Alicia Trotman, Matthew Gamble

Current Text (27 February 2024)

AC ASSESSMENT OF CONFORMANCE WITH THE PRINCIPLES OF INTERNET NUMBER RESOURCE POLICY:

Draft Policy ARIN-2023-6: Draft ARIN Waitlist Qualification Update, conforms to the principles of the ARIN Policy Development Process. This draft policy is found to be fair, impartial and technically sound. Based on community feedback and AC discussion we motion to move ARIN-2023-6 Draft ARIN Waitlist Qualification Update to Recommended Draft. If adopted this policy aims to clarify qualification requirements for the IPv4 waitlist based on Section 4 Policy. This is achieved by adding a sub section in Section 4.1.8. ARIN Waitlist.

PROBLEM STATEMENT:

Since the depletion of ARIN's IPv4 address free pool, ARIN now issues general purpose IPv4 addresses exclusively from the Waitlist, which is described in section 4.1.8. ARIN Waitlist. Currently the text found in section 4.2 Allocations to ISPs (Requirements for Requesting Initial Address Space), 4.3 End-users - Assignments to End Users, and 4.5 Multiple Discrete Networks, might give some readers the impression that meeting these conditions is sufficient to justify the issuance of IPv4 addresses. Indeed these requirements do serve to complement section 4.1.8. ARIN Waitlist policy, as necessary - but not sufficient - conditions.

This proposal aims to make explicit the relationship between waitlist policy and the qualification for waitlist space based on section 4.2 for ISPs, section 4.3 for End-users, and section 4.5 for organizations making use of multiple discrete networks.

POLICY STATEMENT:

Add:

4.1.8.3. Qualification

ARIN staff will evaluate all Waitlist requests against the requirements of otherwise applicable Section 4 policies.

COMMENTS:

The working group evaluated the possibility of removing or collapsing 4.2 and 4.3 and their respective subsections. However, there are differences between ISPs and End Users which remain relevant, and ARIN staff references these respective sections when processing Waitlist requests.

TIMETABLE FOR IMPLEMENTATION: Immediate

Staff and Legal Review (14 February 2024)

STAFF UNDERSTANDING:

This policy adds a new sub section to 4.1.8 ARIN Waitlist which clarifies qualification requirements for the IPv4 Waitlist based on policy text found within section 4. Staff agrees that there is value to the policy statement but

suggests that including examples is not necessary especially since future policy development could modify those examples. A more effective way to clarify the applicability of qualification requirements is to make the simple reference that all Waitlist requests will be reviewed against the requirements of otherwise applicable Section 4 policies.

IMPLEMENTABLE AS WRITTEN?: Yes

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None

LEGAL REVIEW: No material legal issue

IMPLEMENTATION TIMEFRAME ESTIMATE: 3 months

IMPLEMENTATION REQUIREMENTS:

Staff Training

Updates to public documentation

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 16 August 2023

RECOMMENDED DRAFT POLICY ARIN-2023-7

Clarification of NRPM Sections 4.5 and 6.11 Multiple Discrete Networks

https://www.arin.net/participate/policy/drafts/2023_7/

STATUS: Under Discussion

SHEPHERDS: Chris Woodfield, Elizabeth Goodson

Current Text (14 August 2023)

AC ASSESSMENT OF CONFORMANCE WITH THE PRINCIPLES OF INTERNET NUMBER RESOURCE POLICY:

Based on community feedback and AC discussion, we motion to move ARIN-2023-7: Clarification of NRPM Sections 4.5 and 6.11 Multiple Discrete Networks to Recommended Draft Policy. This Draft Policy is fair, impartially, and technically sound; it will add clarity and readability to the references NRPM sections.

PROBLEM STATEMENT:

Section 4.5 and 6.11 of the NRPM does not adhere to the style guide used by the remainder of the document. The numbered lists in these two sections also detracts from the readability and usability of the NRPM.

POLICY STATEMENT:

Current:

4.5 Multiple Discrete Networks

Organizations with multiple discrete networks desiring to request new or additional address space under a single Organization ID must meet the following criteria:

1. The organization shall be a single entity and not a consortium of smaller independent entities.
2. The organization must have compelling criteria for creating discrete networks. Examples of a discrete network might include:
3. Regulatory restrictions for data transmission,
4. Geographic distance and diversity between networks,
5. Autonomous multihomed discrete networks.
6. The organization must keep detailed records on how it has allocated space to each location, including the date of each allocation.
7. When applying for additional internet address registrations from ARIN, the organization must demonstrate utilization greater than 50% of both the last block allocated and the aggregate sum of all blocks allocated from ARIN to that organization. If an organization is unable to satisfy this 50% minimum utilization criteria, the organization may alternatively qualify for additional internet address registrations by having all unallocated blocks of addresses smaller than ARIN's current minimum allocation size.
8. The organization may not allocate additional address space to a location until each of that location's address blocks are 80% utilized.
9. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.
10. Upon verification that the organization has shown evidence of deployment of the new discrete network site, the new network(s) shall be allocated the minimum allocation size under section 4.2.1.5.

Proposed:

4.5 Multiple Discrete Networks

Organizations with multiple discrete networks desiring to request a new or additional IP address space allocation under a single Organization ID must meet the following criteria:

The organization shall be a single entity and not a consortium of smaller independent entities and must have compelling criteria for creating discrete networks.

Examples which may result in discrete networks might include:

- Regulatory restrictions for data- transmission;
- Geographic distance and diversity between networks; or
- Autonomous multihomed discrete networks.

The organization must keep detailed records on how it has allocated IP addresses to each location, including the date of each allocation. When applying for additional Internet Resource allocations from ARIN, the organization must demonstrate utilization greater than 50% of both the last IP addresses allocated and the aggregate sum of all IP addresses allocated from ARIN to that organization. If an organization is unable to satisfy this 50% minimum utilization criteria, the organization may alternatively qualify for additional internet IP address allocations by having all unallocated IP address blocks smaller than ARIN's current minimum allocation size. The organization may not allocate additional IP address space to a location until each of that location's IP address allocations are 80% utilized. The organization should notify ARIN at the time of the request of their desire to apply this policy to their account. Upon verification that the organization has shown evidence of deployment of the new discrete network site, the new network(s) shall be allocated the minimum allocation size under section 4.2.1.5.

Current:

6.11. IPv6 Multiple Discrete Networks

Organizations with multiple discrete IPv6 networks desiring to request new or additional address space under a single Organization ID must meet the following criteria:

1. The organization shall be a single entity and not a consortium of smaller independent entities.
2. The organization must have compelling criteria for creating discrete networks. Examples of a discrete network might include:
 - Regulatory restrictions for data transmission,
 - Geographic distance and diversity between networks,
 - Autonomous multihomed discrete networks.
3. The organization must keep detailed records on how it has allocated space to each location, including the date of each allocation.
4. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.
5. Requests for additional space:
6. Organization must specify on the application which discrete network(s) the request applies to
7. Each network will be judged against the existing utilization criteria specified in 6.5.2 and 6.5.3 as if it were a separate organization, rather than collectively as would be done for requests outside of this policy.

Proposed:

6.11. IPv6 Multiple Discrete Networks

Organizations with multiple discrete IPv6 networks desiring to request new or additional IPv6 address allocations under a single Organization ID must meet the following criteria:

The organization shall be a single entity and not a consortium of smaller independent entities. The organization must have compelling criteria for creating discrete networks.

Examples which may result in discrete networks might include:

- Regulatory restrictions for data transmission;
- Geographic distance and diversity between networks; or
- Autonomous multihomed discrete networks.

The organization must keep detailed records on how it has allocated IPv6 addresses to each location, including the date of each IPv6 address allocation. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.

Requests for additional space:

- Organization must specify on the application which discrete network(s) the IPv6 address request applies to
- Each network will be judged against the existing utilization criteria specified in 6.5.2 and 6.5.3 as if it were a separate organization, rather than collectively as would be done for requests outside of this policy.

COMMENTS:

The working group considered entering 3 separate proposals but decided that the parts are all related enough to combine into one proposal. Section 2.18 is the proposed section number for Organizational Identifier (org ID) definition due to recently adopted ARIN-2022-11 taking section 2.17.

Timetable for Implementation: Immediate

Staff and Legal Review (14 February 2024)

STAFF UNDERSTANDING:

This policy corrects and reorganizes the numbered bullets in section 4.5 and 6.11 for clarity. Additional edits were made to include "Allocation", reflecting ARIN's deprecation of "Assignment". This policy is editorial if relevant edits to the definition of Allocation in ARIN Draft Policy 2022-12: Direct Assignment Language Update are adopted as written (or a substantially similar version) and implemented.

IMPLEMENTABLE AS WRITTEN?: Yes

IMPACT ON ARIN REGISTRY OPERATIONS AND SERVICES: None

LEGAL REVIEW: No material legal issue

IMPLEMENTATION TIMEFRAME ESTIMATE: 3 months

IMPLEMENTATION REQUIREMENTS:

Updates to public documentation
Updates to internal procedures and guidelines

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 19 December 2023

IMPLEMENTATION REQUIREMENTS:

- Updates to public documentation

PROPOSAL/DRAFT POLICY TEXT ASSESSED: 14 August 2023

DRAFT POLICY ARIN-2023-8

Reduce 4.1.8 Maximum Allocation

https://www.arin.net/participate/policy/drafts/2023_8/

STATUS: Under Discussion

SHEPHERDS: Gerry George, Brian Jones

Current Text (14 February 2024)

PROBLEM STATEMENT:

4.1.8 waiting times are too long, making justifications untimely by the time a request is met. New entrants to the waiting list are expected to wait three years for their need to be met under current policy, with a waiting list of around 700 at this point. Data indicates that reducing the current /22 maximum further to a /24 would significantly reduce this waiting period, and further tightening the requirements by replacing the /20 recipient maximum holdings with a /24, and preventing multiple visits to the waiting list queue.

POLICY STATEMENT:

In section 4.1.8, replace the second sentence:

FROM:

“The maximum size aggregate that an organization may qualify for at any one time is a /22.”

TO:

“The maximum size aggregate that an organization may qualify for is a /24.”

Remove the next sentence “Organizations will be able to elect a smaller block size than they qualify for down to a /24.”

Replace the next sentence

FROM:

“Organizations which hold more than a /20 equivalent of IPv4 space in aggregate (exclusive of special use space received under section 4.4 or 4.10) are not eligible to apply.”

TO:

“Organizations which ever held any IPv4 space other than special use space received under section 4.4 or 4.10 are not eligible to apply.”

Remove the sentences:

“Multiple requests are not allowed: an organization currently on the waitlist must wait 90 days after receiving a distribution from the waitlist or IPv4 number resources as a recipient of any transfer before applying for additional space. ARIN, at its sole discretion, may waive this requirement if the requester can document a change in circumstances since their last request that could not have been reasonably foreseen at the time of the original request, and which now justifies additional space.”

Remove the sentence:

“Restrictions apply for entities who have conducted recent resource transfers. These restrictions are specified in Section 8 for each relevant transfer category.”

Add the sentence:

“Waiting list recipients must demonstrate the need for a /24 on an operating network.”

PROPOSED TEXT (4.1.8 maximum allocation):

4.1.8. ARIN Waitlist

ARIN will only issue future IPv4 assignments/allocations (excluding 4.4 and 4.10 space) from the ARIN Waitlist. The maximum size aggregate that an organization may qualify for is a /24.

Organizations which ever held any IPv4 space other than special use space received under section 4.4 or 4.10 are not eligible to apply.

Address space distributed from the waitlist will not be eligible for transfer, with the exception of Section 8.2 transfers, for a period of 60 months. This policy will be applied to all future distributions from the waitlist to include those currently listed. Qualified requesters will also be advised of the availability of the transfer mechanism in section 8.3 as an alternative mechanism to obtain IPv4 addresses.

Waiting list recipients must demonstrate the need for a /24 on an operating network.

In section 4.2.2 replace the sentence:

FROM:

“All ISP organizations without direct assignments or allocations from ARIN qualify for an initial allocation of up to a /22, subject to ARIN’s minimum allocation size.”

TO:

“All ISP organizations without direct assignments or allocations from ARIN qualify for an initial allocation of a /24.”

In section 8.3 Conditions on the source of the transfer, remove this sentence:

“The source entity will not be allowed to apply for IPv4 address space under Section 4.1.8 ARIN Waitlist for a period of 36 months following the transfer of IPv4 address resources to another party.”

COMMENTS:

Corrections were made for a typo (references to 4.18 as opposed to 4.1.8 as intended) in a number of places in the document, and a reference to 4.22 instead of 4.2.2. The core text remains unchanged, however.

(Necessary changes/corrections made on 14 February 2024)

Needs more careful review for intersection with other elements of the NRPM. Need to be careful with existing list member treatment. The author claims that they haven’t scanned the NRPM for other mentions of 4.1.8 that may need to be addressed.

The author thinks section 4 can be drastically simplified further with this change. The intention in requiring demonstrated need is avoidance of the situation at RIPE where every new entrant got an automatic allocation, which resulted in many new entities incorporated only to receive this allocation.

The author also noted a serendipity in the number of waiting list entries (703) and the amount of entries that could have been met with a /24 cap (703) in John Sweeting’s ARIN 52 presentation. Current waitlist entrants should be grandfathered-in but their maximum allocation reduced to /24.

TIMETABLE FOR IMPLEMENTATION: Immediate.

DRAFT POLICY ARIN-2024-1

Definition of Organization ID/Org ID

https://www.arin.net/participate/policy/drafts/2024_1/

STATUS: Under Discussion

SHEPHERDS: Gus Reese, Gerry George

Current Text (7 February 2024)

PROBLEM STATEMENT:

During work on a related policy proposal, the NRPM Working Group determined that a definition of Organization Identifier (Org ID) should be included in the NRPM to add clarity to the term and unify NRPM references to match the use of the term in other ARIN publications such as ARIN online.

POLICY STATEMENT:

Current: None

PROPOSED:

Section 2.18. Organization Identifier (Org ID)

An Organization Identifier (Org ID) is an identifier assigned to resource holders in the ARIN registry.

COMMENTS:

This definition had previously been included in an earlier policy proposal (ARIN-2023-7), but community feedback recommendations on that proposal showed a preference for adding the definition separately from that proposal. As such the definition is now being proposed as a standalone proposal, and the language will be removed from the current ARIN-2023-7 proposal, allowing the two sections of that proposal to be evaluated separately.

TIMETABLE FOR IMPLEMENTATION: Immediate.

DRAFT POLICY ARIN-2024-2

WHOIS Data Requirements Policy for Non-Personal Information

https://www.arin.net/participate/policy/drafts/2024_2/

STATUS: Under Discussion

SHEPHERDS: Leif Sawyer, Daniel Schatte

Current Text (9 February 2024)

PROBLEM STATEMENT:

ARIN's mission includes maintaining and distributing registration information about who holds Internet number resources (Internet Protocol (IP) addresses and Autonomous System Numbers (ASNs)) in a public database referred to as Whois. Whois provides network operators, technical troubleshooters, law enforcement, researchers, and other interested parties with information about which organization administers specific Internet number resources. Distributing this non-personal information is very much in the public interest of proper functioning of the Internet.

While ARIN continues to recognize the ongoing relevancy and importance for publicly available WHOIS information in its control, ARIN must also take stock of evolving regional developments pertaining to data privacy and the cross-border sharing of personally identifying information (PII) which have led to or could lead to redactions among similar WHOIS resources outside of ARIN's purview.

In light of such developments, it is important for ARIN to codify its WHOIS data requirements and disclosure practices in a manner that is both a) respectful of privacy rights pertaining to PII and b) cognizant of the value non-PII data plays in the security of the Internet and the protection of the general public.

Currently there are no ARIN policies that clearly define what organization and associated point of contact information must be provided and registered in the public Whois. This proposal attempts only to clarify and codify ARIN's existing practice regarding organization and contact data collection and display in Whois.

POLICY STATEMENT:

3.8 Directory Service Records

Modify 3.8.1 to include the following sentence:

All organization registration records will be visible in the public Whois.

Add 3.8.2

3.8.2 Required Organization Record Information

The following information must be provided to ARIN to register an organization record:

- Org Name
- Org Street Address, City, State and Zip code (or equivalent)
- Org Country

Add 3.8.3 Point of Contact Record Creation

An organization may register designated Points of Contact to manage its organization and resource registration records to include Administrative, Technical, NOC and Abuse contacts. These Points of Contact shall be

representatives of the organization and any information provided to ARIN shall be that contact's associated organizational information and not personal data.

Point of Contact registration records will generally be visible in the public Whois. Refer to NRPM 3.3 and NRPM 4.2.3.7.3.2 for exceptions to this general rule.

Add 3.8.4 Required Point of Contact Record Information

The following information must be provided to ARIN to register an organization or resource Point of Contact:

- Contact Name (this can be an individual representative of the company or a role account)
- Contact's Organization Street Address, City, State and Zip code (or equivalent)
- Contact's Organization Phone Number
- Contact's Organization E-Mail Address
- Contact's Organization Country

PROPOSED:

Section 2.18. Organization Identifier (Org ID)

An Organization Identifier (Org ID) is an identifier assigned to resource holders in the ARIN registry.

COMMENTS:

This definition had previously been included in an earlier policy proposal (ARIN-2023-7), but community feedback recommendations on that proposal showed a preference for adding the definition separately from that proposal. As such the definition is now being proposed as a standalone proposal, and the language will be removed from the current ARIN-2023-7 proposal, allowing the two sections of that proposal to be evaluated separately.

TIMETABLE FOR IMPLEMENTATION: Immediate.

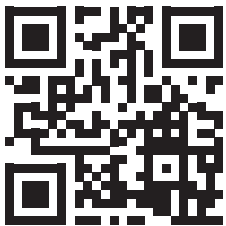
**SCAN
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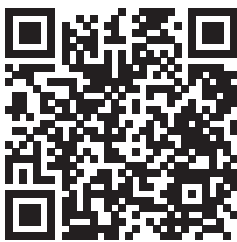
ARIN.NET/NRPM

**POLICY
DEVELOPMENT
PROCESS**



ARIN.NET/PDP

**CURRENT DRAFT
POLICIES AND
PROPOSALS**



**ARIN.NET/
DRAFT_POLICIES**

