

Draft Policy ARIN-2022-8



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History:

[Proposal](#)

15 June 2022

[Draft Policy](#)

26 July 2022

[Revised](#)

19 September 2022



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Current Text (19 September 2022)

Problem Statement:

Section 11 of the NRPM contains a great deal of language that is either explicitly not policy, or is not impactful on ARIN's administration of Internet number resources for experimental allocations, or to the customers requesting said resources. A revision to transform Section 11 into a collection of policies for experimental allocations serves to make the Section more easily digested by the reader, and a more functional reference for customers and ARIN staff during experimental allocation requests.



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Current Text (26 July 2022)

Policy Statement:

11. Experimental Internet Resource Allocations

ARIN will allocate Numbering Resources to **entities organizations** requiring temporary Numbering Resources for a fixed period of time under the terms of **a** recognized experimental activity. ~~“Numbering Resources” refers to unicast IPv4 or IPv6 address space and Autonomous System numbers.~~ The following are the criteria for this policy:



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Current Text:

11.1. Documentation of Recognized Experimental Activity

A Recognized Experimental Activity is one where the experiment's objectives and practices are described in a publicly accessible document. It is a normal requirement that a Recognized Experimental Activity also includes the undertaking that the experiment's outcomes be published in a publicly accessible document at the end of the experiment. The conditions for determining the end of the experiment are to be included in the document. Applicants for an experimental allocation are expected to demonstrate an understanding that when the experiment ends, the allocation will be returned; a successful experiment may need a new allocation under normal policies in order to continue in production or commercial use, but will not retain the experimental allocation.

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Current Text:

A “publicly accessible document” is a document that is publicly and openly available free of charges and free of any constraints of disclosure.

ARIN will not recognize an experimental activity under this policy if the entire research experiment cannot be publicly disclosed.

ARIN has a strong preference for the recognition of experimental activity documentation in the form of a document which has been approved for publication by the IESG or by a similar mechanism as implemented by the IETF.



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Proposed Text:

11.1. Eligibility Criteria for Recognized Experimental Activity

The eligibility criteria for a recognized experimental activity under this policy are:

- The experiment's description and objectives are published in a publicly accessible document, which for the purpose of this policy means that the document is readily available free of charges to the public, and free of any constraints of disclosure within one year after the end of the experiment;
- The experiment's outcomes must also be published in a publicly accessible policy;

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Proposed Text:

- Demonstration to ARIN that the experimental activity is technically sound within the meaning of ARIN's Policy Development Process;
- Demonstration to ARIN that the experimental activity is technically coordinated in that consideration of any potential negative impact of the proposed experiment on the operation of the Internet and its deployed services has been considered, and a description of experimenter mitigation plans to contain any negative impacts has been provided.



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- Retire Sections *11.2 Technical Coordination* and *11.3 Coordination over Resource Use*



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Current Text:

11.4. Resource Allocation Term and Renewal

The Numbering Resources are allocated for a period of one year. The allocation can be renewed on application to ARIN providing information as per Detail One. The identity and details of the applicant and the allocated Numbering Resources will be published under the conditions of ARIN's normal publication policy. At the end of the experiment, resources allocated under this policy will be returned to the available pool.



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Proposed Text:

11.4. Resource Allocation Term and Renewal

The Number Resources are allocated for a period of one year under this policy. The allocation can be renewed on application to ARIN by providing information as to why an extension is necessary for a successful experiment. The resources allocated under this policy must be returned to ARIN as soon as the recognized experimental activity has ended.



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Current Text:

11.5. Single Resource Allocation per Experiment

ARIN will make one-off allocations only, on an annual basis to any applicant. Additional allocations to an organization already holding experimental activity resources relating to the specified activity outside the annual cycle will not be made unless justified by a subsequent complete application.

It's important for the requesting organization to ensure they have sufficient resources requested as part of their initial application for the proposed experimental use.



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Proposed Text:

11.5. Single Resource Allocation per Recognized Experimental Activity

ARIN will make only one allocation per recognized experimental activity. An allocation may consist of multiple Number Resources if required for the conduct of the recognized experimental activity. Additional allocations to an organization already holding experimental Number Resources will not be made under this policy unless justified by a subsequent complete application relating to a different experimental activity.



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Retire Section *11.6 Resource Allocation Fees*



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Current Text:

11.7. Resource Allocation Guidelines

The Numbering Resources requested come from the global Internet Resource space, do not overlap currently assigned space, and are not from private or other non-routable Internet Resource space. The allocation size shall be consistent with the existing ARIN minimum allocation sizes, unless smaller allocations are intended to be explicitly part of the experiment. If an organization requires more resources than stipulated by the minimum allocation size in force at the time of its request, the request must clearly describe and justify why a larger allocation is required. All research allocations must be registered publicly in whois. Each research allocation will be designated as a research allocation with a comment indicating when the allocation will end.



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Proposed Text:

11.7. Resource Allocation Guidelines

The Number Resources requested shall come from the global Number Resource space, shall not overlap any currently assigned space, and shall not be from private or other non-routable Number Resource space. The allocation size shall be consistent with the existing ARIN minimum allocation sizes, unless smaller allocations are explicitly required due to the nature of the experiment. If an organization requires more resources than stipulated by the minimum allocation size in force at the time of its request, the request must clearly describe and justify why a larger allocation is required. All research allocations must be registered publicly in ARIN's directory services. Each research allocation will be designated as a research allocation with a comment indicating when the allocation will end.



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Current Text:

11.8. Commercial Use Prohibited

If there is any evidence that the temporary resource is being used for commercial purposes, or is being used for any activities not documented in the original experiment description provided to ARIN, ARIN reserves the right to immediately withdraw the resource and reassign it to the free pool.



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Proposed Text:

11.8. Commercial Use Prohibited

If there is any evidence that the temporary resource is being used for commercial purposes or is being used for any activities not documented in the original experiment description provided to ARIN, ARIN reserves the right to immediately withdraw the resource.



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Retire Section *11.9 Resource Request Appeal or Arbitration*



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Reference Documents (redline and clean versions)

- ***Redline:***

<https://www.arin.net/participate/policy/drafts/pdf/NRPM-Section11-update-20221012.pdf>

- ***Clean:***

<https://www.arin.net/participate/policy/drafts/pdf/NRPM-Section11-update-20221012-clean.pdf>



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Questions for the Community

1. Does the proposed text clearly reflect the overall community intent of the current policy?
2. Are any substantive changes required to the policy?

Any Questions



Discussion