

## 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:

### 11.1. Eligibility Criteria for ~~Documentation of~~ 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 purposes of this policy means that the document is readily available free of charge 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 document~~policy;~~
- 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.

~~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.~~

~~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.

## 11.2. ~~Retired~~

### ~~Technical Coordination~~

ARIN requires that a recognized experimental activity is able to demonstrate that the activity is technically coordinated.

Technical coordination specifically includes consideration of any potential negative impact of the proposed experiment on the operation of the Internet and its deployed services, and consideration of any related experimental activity.

ARIN will review planned experimental activities to ensure that they are technically coordinated. This review will be conducted with ARIN and/or third-party expertise and will include liaison with the IETF.

## 11.3. ~~Retired~~ ~~Coordination over Resource Use~~

When the IETF's standards development process proposes a change in the use of Numbering Resources on an experimental basis the IETF should use a liaison mechanism with the Regional Internet Registries (RIRs) of this proposal. The RIRs will jointly or severally respond to the IETF using the same liaison mechanism.

## 11.4. Resource Allocation Term and Renewal

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

## 11.5. Single Resource Allocation per Experiment

ARIN will make only one-off allocations per recognized experiment only, on an annual basis to any applicant. An allocation may consist of multiple Number Resources if required for the conduct of the recognized activity. Additional allocations to an organization already holding experimental activity resources will not be made under this policy relating to the specified activity outside the annual cycle will not be made unless justified by a subsequent complete application relating to a different experimental activity.

Commented [AD1]: Content of 11.2 has been merged into 11.1

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.

#### **11.6. ~~[Retired] Resource Allocation Fees~~**

~~ARIN may charge an administration fee to cover each allocation made of these experimental resources. This fee simply covers registration and maintenance, rather than the full allocation process for standard ARIN members. This administration fee should be as low as possible as these requests do not have to undergo the same evaluation process as those requested in the normal policy environment.~~

#### **11.7. Resource Allocation Guidelines**

The Numbering Resources requested come from the global Internet Resource space, ~~shall do not~~ overlap ~~any~~ currently assigned space, and ~~shall~~ are not ~~be~~ from private or other non-routable ~~Internet-Number~~ Resource space. The allocation size shall be consistent with the existing ~~the~~ ARIN minimum allocation sizes, unless smaller allocations are ~~intended to be~~ explicitly ~~required~~ ~~due to the nature 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 ~~ARIN's directory services~~ ~~whois~~. Each research allocation will be designated as a research allocation with a comment indicating when the allocation will end.

#### **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~~.

#### **11.9. ~~[Retired] Resource Request Appeal or Arbitration~~**

~~ARIN reserves the ability to assess and comment on the objectives of the experiment with regard to the requested amount of Numbering Resources and its technical coordination. ARIN reserves the ability to modify the requested allocation as appropriate, and in agreement with the proposer. In the event that the proposed modifications are not acceptable, the requesting organization may request an appeal or arbitration using the normal ARIN procedures. In this case, the original proposer of the experimental activity may be requested to provide additional information regarding the experiment, its objectives and the manner of technical coordination, to assist in the resolution of the appeal.~~