

# Temporary Internet Number Assignment Policies

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## Abstract

This document outlines policies for temporary direct assignments of IPv4/IPv6 address space and Autonomous System (AS) Numbers in the RIPE NCC service region.

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## 1.0 Introduction

This policy allows the RIPE NCC to assign number resources for temporary direct assignment purposes and, for this purpose, to reserve pools of IPv4/IPv6 addresses, AS Numbers and any other numbers for which it acts as Regional Internet Registry (RIR).

## 2.0 Internet Registry Number Resource Pool Reservation

The RIPE NCC is authorised to reserve pools of IPv4 addresses, IPv6 addresses, 16-bit AS Numbers and 32-bit AS Numbers for the purpose of direct assignment under this policy.

### 2.1 RIPE NCC Assignment Procedures

The RIPE NCC may assign number resources to End Users on a temporary deployment basis for a specific time-limited purpose. Examples of specific purposes include, but are not limited to, academic research and experimental purposes, conferences and other types of events which require network connectivity for short periods of time, and other strictly time-limited projects such as deployment tests for new Internet services and technologies.

Resources issued for temporary assignments must not be used for purposes other than those specified in the application, and they may be returned to the RIPE NCC at any time during the approved assignment period. The number resources will be automatically de-registered and returned to the appropriate reservation pool at the end of the approved assignment period.

The RIPE NCC will register the issued number resources in the RIPE Database for the duration of the assignment and will note the start and end dates of the assignment period for each database object.

## **3.0 End User Terms and Limitations**

### **3.1 Assignment Time Limits**

Depending on the specified purpose of the assignment request, different upper time limits may apply. For conferences and other events of short, fixed duration, the maximum assignment time period will be one month longer than the scheduled length of the conference/event but no longer than two months in any case.

For longer term projects and research purposes, the number resources may be issued on a temporary basis for a period of up to six calendar months, or one month longer than the expected life of the project/research/experiment, whichever is shorter.

Number resources requested for research purposes may be issued for a period of up to one calendar year when both the following conditions are met:

- the research project details are made public upon registration of the number resources by the RIPE NCC.
- the End User commits to making public the results of their research project free of charge and free from disclosure constraints.

At the RIPE NCC's discretion renewal of the registration of the resources may be possible in exceptional circumstances on receipt of a new request that details continuation of the End User's requirements during the extended period. Should this request be denied by the RIPE NCC, an appeal may be made using the RIPE NCC Conflict Arbitration Procedure.

### **3.2 Realistic Expectations**

Assignments may only be based on realistic expectations recorded on the request form. The RIPE NCC may require the End User to provide documentation or other evidence supporting the End User's assignment request.

### **3.3 IPv4 Address Utilisation Rates**

The default assignment size is a /24. Assignments smaller than a /24 can be made upon request.

The utilisation rate of an assignment larger than a /24 must be such that at least 50% of the total space applied for at the time of the assignment will be concurrently used at peak periods during the assignment.

A request for more than a /24 for research purposes may be justified by routing requirements when both the following conditions are met:

- the research project details are made public upon registration of the number resources by the RIPE NCC.
- the End User commits to making public the results of their research project free of charge and free from disclosure constraints.

### **3.4 Compliance with Other RIPE NCC Assignment Policies**

In all respects not covered by this document, temporary assignment policies are subject to all other RIPE NCC policies regarding standard direct assignment of number resources.

## **4.0 Attribution**

This document is compiled from policies developed by the RIPE community.

The following people actively contributed by making proposals through the RIPE Policy Development Process:

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