

Supporting Notes for the IPv4 Additional Allocation Request Form

RIPE NCC

Document ID: ripe-277

Date: 20 August 2003

Contents

Introduction
Supporting Notes for the Request Form Templates
Example
References

Introduction

This document contains instructions for completing the 'IPv4 Additional Allocation Request Form'. It is a tool for gathering the information necessary to evaluate the request and to ensure that the same guidelines are applied to each request. Where necessary, the RIPE NCC will ask for additional information.

The 'IPv4 Additional Allocation Request Form' can be found at:

<http://www.ripe.net/ripe/docs/add-allocation.html>

You should use this form if you have already received an IPv4 allocation and about 80% of it has been used in valid IPv4 assignments registered in the RIPE Database.

Supporting Notes for the Request Form Templates

`#[GENERAL INFORMATION]#`

`request-type: ipv4-add-alloc`

`form-version: 1.0`

`x-ncc-regid:`

Please do not alter the value of the 'request-type' or 'form-version' fields.

The Registry Identifier (RegID) must be included in every message sent to `<hostmaster@ripe.net>`. It is used to identify the Local Internet Registry (LIR). It has the following format:

`<country code>.<organisation name>`

Warning: Requests sent to the RIPE NCC that lack a proper RegID (x-ncc-regid) will bounce back to the sender.

#[REQUESTER TEMPLATE]#

%

% Please enter the details of the person at your Local
% Internet Registry (LIR) who is submitting this request.

name:

phone:

fax-no:

e-mail:

nic-hdl:

A nic-handle (nic-hdl) is a unique identifier for a person or a role object.
It is generated by the database when creating the object. It has the following format:
<initials>[number]-RIPE

For example:

HOHO15-RIPE

More information can be found at:

<http://www.ripe.net/ripe/docs/databaseref-manual.html>

#[OVERALL USAGE TEMPLATE]#

%

% Please provide information about your current
% allocation(s).

%	Prefix	Usage %	Number	Free	Total
---	--------	---------	--------	------	-------

alloc:

Please repeat the 'alloc' field for each of your allocation blocks.

In the 'Prefix' column please specify the allocation block using CIDR (slash) notation (i.e. x.x.x.x/xx).

In the 'Usage %' column please enter the percentage of address space from the allocation block that has been assigned and registered in the RIPE Database.

In the 'Number' column please enter the number of addresses that are in use.

In the 'Free' column please enter the number of addresses that are unassigned.

In the 'Total' column please enter the total number of addresses within the allocation block.

%
% You may find it easier to use the "asused_public" program
% to prepare this information. The "asused_public" program
% can be found at:
%
% ftp://ftp.ripe.net/tools/asused-latest.tar.gz
%

#[ALLOCATION USAGE TEMPLATE]#

%
% In this section, please list all the assignments you made
% from your LAST allocation. Again, you may want to generate
% this list with the "asused_public" program.
%
% Assignments
%
% Inetnum Size Date Netname
% in CIDR

Please only list the assignments made from the **last** allocation block received by your LIR.

In the 'Inetnum' field please enter the range of address space assigned, shown in the same format as the "inetnum:" attribute of the **inetnum** object in the RIPE Database (i.e. x.x.x.x – x.x.x.x).

In the 'Size in CIDR' column please enter the size of the assignment in slash notation.

In the 'Date' column please enter the date the assignment was registered in the RIPE Database. This should correspond to the date in the first "changed:" attribute of the **inetnum** object.

In the 'Netname' column please enter the netname of the assignment. This should correspond to the "netname:" attribute of the **inetnum** object in the RIPE Database.

#[INSERT SUPPLEMENTAL COMMENTS]#

%
% Please add any supplementary information that you think
% may facilitate the evaluation of this request below.

You may use this area/space for any additional comments you feel are important and did not fit within the previous templates.

#[END of REQUEST]#

Please insert your signature in plain text (with your full name) after the above header. The Robot will not process any information included here.

Example

#[GENERAL INFORMATION]#

request-type: ipv4-add-alloc
form-version: 1.0
x-ncc-regid: nn.santa

#[REQUESTER TEMPLATE]#

%
% Please enter the details of the person at your Local
% Internet Registry (LIR) who is submitting this request.
name: Santa Claus
phone: +999 555 5555
fax-no: +999 555 5556
e-mail: santa.claus@nowhere.nn
nic-hdl: HOHO15-RIPE

#[OVERALL USAGE TEMPLATE]#

%
% Please provide information about your current
% allocation(s).

%	Prefix	Usage %	Number	Free	Total
alloc:	192.168/20	78.1%	3200	896	4096
alloc:	192.168.16/20	79.4%	3266	830	4096

%
% You may find it easier to use the "asused_public" program
% to prepare this information. The "asused_public" program
% can be found at:
%
% ftp://ftp.ripe.net/tools/asused-latest.tar.gz
%

#[ALLOCATION USAGE TEMPLATE]#

%
% In this section, please list all the assignments you made
% from your LAST allocation. Again, you may want to generate
% this list with the "asused_public" program.
%
% Assignments

%	Inetnum	Size in CIDR	Date	Netname
	192.168.16.0 - 192.168.23.255	/21	20021008	XMAS-SERVICE-LAN
	192.168.24.0 - 192.168.27.255	/22	20030111	NN-OFFICE-LAN

192.168.28.0 - 192.168.28.127 /25 20030426 POLAR-CITY

#[INSERT SUPPLEMENTAL COMMENTS]#

%

% Please add any supplementary information that you think
% may facilitate the evaluation of this request below.

Please note that the network 'POLAR-CITY' was originally approved as 'POLARCITY'.
Please update your internal files accordingly.

#[END of REQUEST]#

Best Regards,
Santa Claus

Network Administrator
Santa's Workshop Inc.

References

IPv4 Address Allocation and Assignment Policies in the RIPE NCC Service Region
<http://www.ripe.net/ripe/docs/ipv4-policies.html>

RIPE Database Reference Manual
<http://www.ripe.net/ripe/docs/databaseref-manual.html>

Smallest RIPE NCC Allocation / Assignment Sizes
<http://www.ripe.net/ripe/docs/smallest-alloc-sizes.html>

RIPE NCC LIR Portal
<https://lirportal.ripe.net/>