

# Supporting Notes for the Autonomous System Number Request Form

*RIPE NCC*

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Obsoletes: ripe-335, ripe-355

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This document contains instructions for LIRs on how to complete the "[Autonomous System Number Request Form](#)"

The instructions are based on the "[Autonomous System \(AS\) Number Assignment Policies and Procedures](#)"

For an explanation on when an AS Number is needed, please see: "[Guidelines for Creation, Selection and Registration of an Autonomous System](#)" (RFC 1930)"

For more information on language specifications, please see "[Routing Policy Specification Language \(RPSL\)](#)" (RFC 2622)" and "[RPSL extensions for 32 bit AS Numbers](#)".

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## General Information

```
#[GENERAL INFORMATION]#
%
% Please add your RegID.
request-type: as-number
form-version: 1.1
x-ncc-regid:
```

Please do not change the value of the "request-type:" and "form-version:" fields.

Enter your Registry Identifier (RegID) in the "x-ncc-regid:" field. RegIDs have the following format: <country code>.<name>.

If you do not know your RegID, please contact <ncc@ripe.net>.

## AS Number User

```
#[AS NUMBER USER]#
%
% Who will use the requested AS Number?
legal-organisation-name: North SantaBank
website-if-available: http://www.nsb.nn
```

Enter the legal name of the organisation that will use this AS Number in the "legal-organisation-name:" field. If this organisation has a website, enter the URL in the "website-if-available:" field. Otherwise, enter "**none**" in this field.

## Address Space to be Announced

```
#[ADDRESS SPACE TO BE ANNOUNCED]#
%
% Which address prefix will originate from the new AS Number?
prefix: 192.0.2.0/24
% If the address assignment is waiting for approval, please
% include the ticket number of the request below.
pending-ticket-ID:
```

You must include either an address prefix or a pending RIPE NCC ticket number (for example, NCC#xxxxxxx).

Please specify address prefixes using slash notation (for example, x.x.x.x/xx ). The address space must be a valid assignment to the organisation that will use the AS number.

## Peering Contacts

```
#[PEERING CONTACTS]#
%
% Please list the e-mail contact addresses of peering
% partners for the requested AS Number.
peering: noddy@grottoinvestments.nn
peering: mary@northernbanking.nn
```

You must list the email addresses of at least two peering partners in the "peering:" fields. You can repeat the "peering:" field as many times as needed.

## Database Template(s)

```
#[DATABASE TEMPLATE(S)]#
%
```

```
% Please complete all of the fields below.
aut-num:      ASNEW
as-name:      NSB-AS
descr:        North SantaBank's AS Number
org:          ORG-NS31-RIPE
import:        from AS64532 accept ANY
export:        to AS64532 announce ASNEW
import:        from AS64518 accept ANY
export:        to AS64518 announce ASNEW
admin-c:      ACM2-RIPE
tech-c:       HOHO1-RIPE
mnt-by:       SANTA-MNT
mnt-routes:   SANTA-MNT
changed:      hostmaster@ripe.net
source:       RIPE
```

The "aut-num:" field must be ASNEW as we (RIPE NCC) will choose the AS number.

The "as-name:" should be a short name associated with the Autonomous System. We recommend that the name reflects the name of the organisation that will use the AS Number.

Enter a short description of the Autonomous System in the "descr:" field.

Enter the org-ID of the AS Number user's organisation object in the "org:" field.

The "import:" and "export:" fields should contain the complete routing policy. Both fields may be repeated as many times as needed.

Basic syntax entries are as follows:

```
import: from <peer1> accept <filter>
export: to <peer1> announce <filter>
import: from <peer2> accept <filter>
export: to <peer2> announce <filter>
```

For further details of language specifications, please refer to [RFC 2622](#) and [RPSL extensions for 32 bit AS Numbers](#).

The nic-handle of the role or person object in the "admin-c:" field should reflect someone who is administratively responsible for the network.

The nic-handle of the role or person object in the "tech-c:" field should reflect someone who has technical knowledge of the network.

The "mnt-by" field shows which maintainer authenticates object updates. The "mnt-routes:" field shows which maintainer authenticates the creation of route objects.

You can put the LIR's or AS Number User's maintainers in the "mnt-by:" and "mnt-routes:" fields.

The RIPE Database must contain all of the objects that you use.

The "changed:" field must be hostmaster@ripe.net .

The "source:" field must be RIPE .

## Insert Supplemental Comments

```
#[INSERT SUPPLEMENTAL COMMENTS]#  
%  
% Please add more information if you think it will help  
% us understand this request.  
Our peering agreements are provisional and  
will be confirmed when the new AS Number is assigned.  
We would like a 4-byte AS Number.
```

You can use this space for additional information that you think will be helpful for us when we evaluate your request. For example, if you would like a 4-byte AS Number, use this field to let us know.

From 1 January 2007 you can request a 4-byte AS Number. If you would like a 4-byte AS Number, use the Supplemental Comments field to let us know. If you give no preference, we will assign a 2-byte AS Number.

From 1 January 2009, you can use the Supplemental Comments field to let us know if you would like a 2-byte AS Number. If you give no preference, we will assign a 4-byte AS Number.

From 1 January 2010 we will assign 4-byte AS Numbers only.

## End of Request

```
#[END of REQUEST]#  
Best Regards,  
Jan Janssen, Bluelight Admin
```

Please write your full name below the " #[END of REQUEST]# " header.