Supporting Notes for the Autonomous System Number Request Form

RIPE NCC

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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#xxxxxxxx).

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.