Supporting Notes for the ENUM Request Form

RIPE NCC

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This document explains how to complete the [ENUM Request Form](#).

The form and these supporting notes are based on the ["IAB Instructions to the RIPE NCC Regarding Operation of the Domain e164.arpa ("ENUM")"](#).

Your request and all related communication will be publicly available at: http://www.ripe.net/enum

Send your completed form to: enum-request@ripe.net

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Preparation

Before completing the request form, create the following objects in the RIPE Database.

1. Person/Role Object(s) and Mntner Object

Person and **role** objects contain information about people. Each object has a unique NIC handle ("`nic-hdl:`").

Mntner objects protect objects in the RIPE Database. They contain the information needed to authorise creation, deletion or modification of the objects that they protect.

You can create your first **person** and **mntner** objects using [RIPE Database New User Start-up Form](#).

Leave the "`Nic-hdl:`" field empty.

Choose a name for your **mntner** object and enter it in the "`Maintainer name:`" field.

Person Object

Person: John Smith *

Nic-hdl:

Address:
High Street 12
St. Mery Mead
Essex, UK *

Phone: +44 1737 892 004 *

Email: johnsmith@example.com *

The nic-hdl has a fixed format. If you are not sure what to enter, leave it blank and it will be generated for you. For further details about nic-hdls see RIPE Database User Manual-Getting Started.

Maintainer Object

Maintainer name: EXAMPLE−MNT

Password: •••••••••••• *

Password (again): •••••••••••• *

If you leave the maintainer name field blank it will be generated for you.

Accept Terms and Conditions

☑ I accept the RIPE Database Terms and Conditions.

[Create!]

When you receive the message "**Succeeded!**", make a note of your "**person nic-hdl**" and "**maintainer name**". You will need them later.

You can create additional **person** and **role** objects and also change the objects you already created using webupdates.

2. Organisation Object

Organisation objects contain information about organisations. Each object has a unique organisation ID ("organisation:"). You can create **organisation** objects using [webupdates](#).

Enter "AUTO-1" in the "organisation:" field.

Enter "OTHER" in the "org-type:" field.

Enter the name of your **mntner** object in the "mnt-ref:" and "mnt-by:" fields.

Add a "password" field and enter the password for your **mntner** object in clear-text.

When you receive the message "Create SUCCEEDED: [organisation] ORG-XYZ-RIPE", make a note of the new organisation ID (ORG-XYZ-RIPE). You will need it later.

You should now have:

- at least one **person/role** object
- one **mntner** object
- one **organisation** object

You can use these in the [ENUM Request Form](#).

General Information

```
#[GENERAL INFORMATION]#
%
% Please do not change the value of the two fields below.


request-type: enum
form-version: 1.0
```

Do not change the value of the "`request-type:`" and "`form-version:`" fields.

Requester Details

```
#[REQUESTER DETAILS]#
%
% Please add your contact details.


name: John Smith
phone: +123 45 678910
fax-no: +123 45 678911
email: john@bluelight.ripe.net
```

Enter your contact details.

Use the international dialling code (for example, +31 for the Netherlands,) in the "`phone:`" and "`fax-no:`" fields.

Organisation Details

```
#[ORGANISATION DETAILS]#
%
% Which organisation is requesting the delegation?


legal-organisation-name: Arctic Telecom
organisation-location: Frostlane 1-3, 0135 NN Ice-Valley, Northern Nowhere
website: http://www.arctictelecom.net
```

Enter the legal name and primary location of the organisation that is requesting the delegation in the "`legal-organisation-name:`" and "`organisation-location:`" fields. If this organisation has a website, enter its URL in the "`website:`" field.

Database Template

```
#[DATABASE TEMPLATE]#
%
% Please complete all of the fields below.


domain: 9.9.9.8.e164.arpa
descr: Arctic Telecom
org: ORG-BEI1-RIPE
admin-c: JS6381-RIPE
tech-c: JS6381-RIPE
zone-c: JS6381-RIPE
nserver: iceberg1.arctic-telecom.net
nserver: titanic.penguin.ripe.net
mnt-by: EXAMPLE-MNT
changed: hostmaster@ripe.net
source: RIPE
```

Enter a fully qualified domain name for the requested delegation in the "`domain:`" field (without a trailing dot). The domain name consists of the the country's E.164 code, written in reverse, with each digit separated by a dot. For example, the country code

"+123" is written as "3.2.1.e164.arpa".

Enter the name of your organisation in the "descr:" field.

Enter the organisation ID of your **organisation** object in the "org:" field.

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

The NIC handle of the **role** or **person** object in the "tech-c:" and "zone-c:" fields should reflect someone who has technical knowledge of DNS setup of the delegation.

Enter the hostnames of two name servers in the two "nserver:" fields. You can add more "nserver:" fields if needed. You can also add an IP address after a hostname to specify a glue record. Prior to delegation, all name servers should be configured as authoritative for the requested zone in accordance with [RFC1912](RFC1912) .

Enter the name of your **mntner** object in the "mnt-by:" field.

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

The "source:" field must be RIPE.

Supplemental Comments

```
#[SUPPLEMENTAL COMMENTS]#
%
% Please add more information if you think it will help us understand
% this request.


The Ministry of Telecommunications of Northern Nowhere selected ArcticTelecom
to run the Northern Nowhere ENUM trial. This delegation will allowArctic
Telecom to conduct field trials of ENUM-enabled technologies inNorthern
Nowhere.
```

You can use this space for additional information that you think will be helpful.

```
#[END of REQUEST]#
```