



RIPE
NCC

New RIPE Database Software Functionality

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Assistant Manager Database Group

- Phase 1 - Making “referral-by:” optional
 - Deployed 1.79.1
- Phase 2 - Removing “referral-by:”
 - Planned for 1.80
 - RC: End May
 - Production: Early July (6 weeks)

- Phase 1 - Adding “created:” and “last-modified:”
 - Deployed 1.79.1
- Phase 2 - “changed:” optional
 - Planned for 1.80
 - RC: End May, Production: Early July (6 weeks)
- Phase 3 - “changed:” deprecated
 - Planned for 1.81
 - RC: Early July, Production: Mid August (6 weeks)
- Do we really need 6 weeks of RC?

- Historically there was no “org:” attribute
- Since 2013-04 “Resource Certification for non-RIPE NCC Members”
 - Now only RIPE NCC can edit “org:” for these inet6nums and aut-nums
 - Now only RIPE NCC can edit “org-name:” of referenced organisation
- RIPE NCC working on clean up
 - 10k objects, 8k done
 - Expected to finish before end of July
 - Until then checks are needed so that we know what has been verified
 - Will stop enforcing when fully done

- We see a lot of issues in training courses, support requests and comments, chats, and usage analytics
- Easy tools for **my** objects, focus on known problem areas:
 - Improve security and usability: use SSO over passwords
 - Managing authorisations (500 lost access clicks / month)
 - Managing organisation contact details (fragmented for LIRs)
 - Managing reverse DNS (30 tickets / month)
 - Managing IRR data (data quality issues)
 - Etc..

We believe that **better** tools will support **better** data

- Web-, sync-, mail-updates and REST API for ‘power’ users

- Business rules can be used to enforce certain requirements that are not easily expressed in DB schema

e.g. prevent changing the name of an organisation referenced by resources allocated or assigned by the RIPE NCC.

- Currently mapping out all business rules
 - Plan to publish later this year
 - Need for error codes?

- Preferred model of sharing responsibility between RIPE NCC and users:
 - RIPE NCC maintainer can only be added/removed by RIPE NCC
 - At least one other maintainer
 - Per attribute rules about which maintainer can update

- ➔ Already using this for PI and Legacy

- Added to legacy resource objects that are registered under contractual relationship with the RIPE NCC
- This is a joint maintainer used to ensure the following
- To ensure correctness of the registry, only the RIPE NCC can
 - add or remove this maintainer
 - change which organisation object is referenced
 - change the name on this organisation object

Maintainers on LIR organisation and allocations

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You are here: Home > Manage IPs and ASNs > LIR Portal

You are editing: nl.rpencc-ops

My LIR details

Organisation details

RegID *	nl.rpencc-ops
Organisation *	Reseaux IP Europeens Network Co
Industry *	
Organisation Size	
Member Status	FYI
Service area countries *	NL
Abuse-c *	abuse@ripe.net

Postal address

This info (except the optional fields) is on your RIPE DB organisation object. [Click here](#) to know more about it.

Company (optional) *	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)
Person (optional) *	
Street *	P.O. Box 10096
Post code *	1016 EB
City *	Amsterdam

LIR Contacts

Name	email	NIC Handle	Comment
Axel Pawlik	Axel.Pawlik@ripe.net	AP110-RIPE	
Marco Hogewoning	mhogewon@ripe.net		
Menno Schepers	mschepers@ripe.net	MENN1-RIPE	

1. Select Object(s)

ORG-RIEN1-RIPE

2. Select attribute to edit

- abuse-c
- abuse-mailbox
- descr
- mnt-ref
- notify
- ref-obj
- remarks
- tech-c

objects referenced by an "abuse-c" attribute. These ROLE objects are considered to include only commercial

3. Select attribute value(s)

Write the new value here

ops4-ripe

4. Add/remove attributes to/from selected object(s)

Add Remove

1. Select Object(s)

193.0.24.0 - 193.0.31.255

2. Select attribute to edit

- admin-c
- country
- mnt-domains
- mnt-lower
- mnt-routes
- notify
- remarks
- tech-c

3. Select attribute value(s)

Write the new value here

JDR-RIPE
BRD-RIPE
TS7729-RIPE

4. Add/remove attributes to/from selected object(s)

Add Remove

5. Preview

inetnum	193.0.24.0 - 193.0.31.255
netname	NL-RIPENCC-TS-19930901
ORG	ORG-RIEN1-RIPE

Modify the ORGANISATION object ORG-RIEN1-RIPE

organisation	ORG-RIEN1-RIPE	▼	+	⊞	?
org-name	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	▼	+	⊞	?
org-type	LIR	▼	+	⊞	?
descr	RIPE NCC Operations	▼	+	⊞	?
address	P.O. Box 10096	▼	+	⊞	?
address	1016 EB	▼	+	⊞	?
address	Amsterdam	▼	+	⊞	?
address	NETHERLANDS	▼	+	⊞	?
phone	+31205354444	▼	+	⊞	?
fax-no	+31205354445	▼	+	⊞	?
e-mail	ncc@ripe.net	▼	+	⊞	?
admin-c	MENN1-RIPE	▼	+	⊞	?
admin-c	AP110-RIPE	▼	+	⊞	?
abuse-c	ops4-ripe	▼	+	⊞	?

Modify the INETNUM object 193.0.24.0 - 193.0.30.255

inetnum	193.0.24.0 - 193.0.30.255	▼	+	⊞	?
netname	RIPENCC-MEETING-PUBLIC	▼	+	⊞	?
descr	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	▼	+	⊞	?
remarks	RIPE NCC Training Services & RIPE Meetings	▼	+	⊞	?
remarks	This space is used as public space during RIPE meetings	▼	+	⊞	?
country	NL	▼	+	⊞	?
admin-c	JDR-RIPE	▼	+	⊞	?
admin-c	BRD-RIPE	▼	+	⊞	?
tech-c	OPS4-RIPE	▼	+	⊞	?
status	ASSIGNED PA	▼	+	⊞	?
mnt-by	RIPE-NCC-MNT	▼	+	⊞	?
mnt-routes	RIPE-NCC-MNT	▼	+	⊞	?
mnt-domains	RIPE-NCC-MNT	▼	+	⊞	?

- Let LIRs have their OWN maintainer as well!
 - Business rules to protect what we need to protect
 - Allow users to use all normal DB updates
 - No more object editors!
 - Need mnt-lower, mnt-routes etc only to delegate to another maintainer

- Which maintainer?
 - Today de-facto: LIR Portal users
 - Have a 'default' maintainer with all LIR Portal users on it
 - But allow portal user to choose to use this, or another maintainer.

- Getting here will take time as we replace functionality one by one

