Seamless RIPE NCC Access SSO integration

Reverse DNS setup wizard

"abuse-c:" added to all organisations

Refined password reset procedure

Periodic deletion of unreferenced objects

Conditional "status:" attribute

Lock down the RPSL maintainer

Improved, user friendly syncupdates

RIPE NCC 2016
RIPE Database

Autocomplete on every attribute

Highlight RIPE NCC managed values

Integrated "abuse-c:" creation on objects

Optional "descr:" attribute

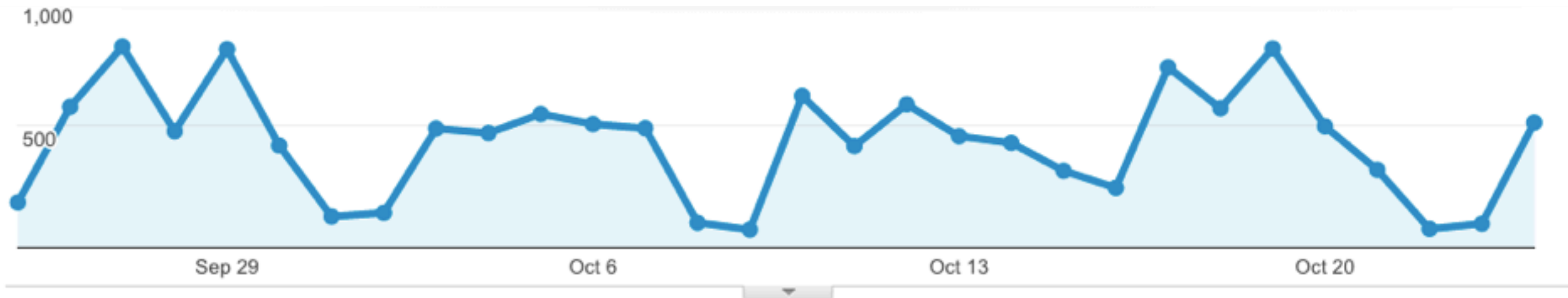**Show full object details by default**

Automated deployment of builds

Separate parent authorisation on inetnum creation

Clarified all help text

Reverse DNS setup wizard

Errors – Last 30 Days

Primary Dimension: **Event Action**   Event Label   Other ▾

| | Plot Rows | Secondary dimension ▾ | Sort Type: | Default ▾ | | | advanced | | | | | |

	Event Action ?	Total Events ? ↓	Unique Events (New) ?	Event Value ?	Avg. Value ?
		12,813 % of Total: 2.19% (584,270)	**7,583** % of Total: 2.74% (276,370)	**0** % of Total: 0.00% (0)	**0.00** Avg for View: 0.00 (0.00%)
☐	1. domain	**7,135** (55.69%)	**3,525** (46.49%)	0 (0.00%)	0.00
☐	2. inetnum	**1,094** (8.54%)	743 (9.80%)	0 (0.00%)	0.00
☐	3. route	**1,024** (7.99%)	537 (7.08%)	0 (0.00%)	0.00
☐	4. inetnum.netname	**321** (2.51%)	268 (3.53%)	0 (0.00%)	0.00
☐	5. inetnum.inetnum	**287** (2.24%)	255 (3.36%)	0 (0.00%)	0.00
☐	6. organisation	**228** (1.78%)	153 (2.02%)	0 (0.00%)	0.00
☐	7. domain.domain	**223** (1.74%)	185 (2.44%)	0 (0.00%)	0.00
☐	8. mntner	**214** (1.67%)	145 (1.91%)	0 (0.00%)	0.00

55%

Create "domain" object

Please enter the maintainers you would like to use as mnt-by

ALEXBAND-MNT ★ ✕   🔍   ?

domain

The reverse domain name, e.g. 2.0.192.in-addr.arpa   +   ?

admin-c

Nic-handle of an administrative contact.   ⬇   +   ?

tech-c

Nic-handle of a technical contact.   ⬇

zone-c

Nic-handle of a zone contact.   ⬇

nserver

Specifies the nameserver of the domain. Include this attribute at least twice.   ⬇   ?

nserver

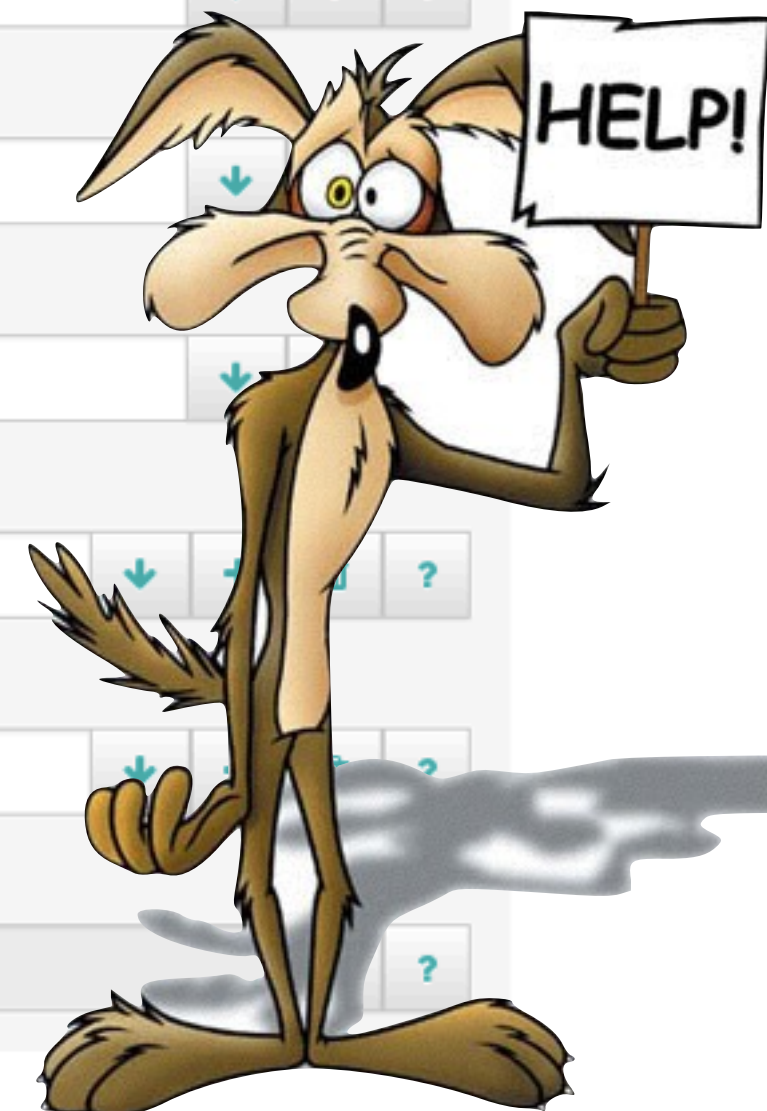Specifies the nameserver of the domain. Include this attribute at least twice.   ⬇   ?

source

RIPE   ?

By submitting this form you explicitly express your agreement with the RIPE Database Terms and Conditions

Cancel   Submit   6

No name servers found at child. No name servers could be found at the child. This usually means that the child is not configured to answer queries about the zone.

Fatal error in delegation for zone 2.0.192.in-addr.arpa. No name servers found at child or at parent. No further testing can be performed.

The Most Common rDNS errors

- No name servers found at child.

- Name server ns1.example.net (192.0.2.1) does not answer queries over TCP.

- Name server ns1.example.net (192.0.2.1) not authoritative for 2.0.192.in-addr.arpa.

- Too few name servers.

- Total parent/child glue mismatch.

- 2 different SOA records found.

New data-driven design

Fail fast, inspect and adapt

Create "domain" object

Please select yo

ALEX-RIPE x

Prefix

Please provide

nserver

Provide the nan

nserver

Provide the nan

Set RIPE NCC as :

Proceed

Creating DOMAIN Objects for Reverse DNS

Make sure you set up at least two name servers that are authoritative for the zone.

- Ensure that the servers are at least in different subnets, but preferably in different networks that are geographically distributed.

- The resolvable names of these name servers should be in the NS resource records of the zone

- The SOA resource record (RR) should have the same content, both serial number and other data, on all the nameservers.

- The SOA should contain a valid 'RNAME' (the contact address).

- The timing parameters should be reasonable.

Documentation for Reverse DNS

I understand and ready to create rDNS

Create "domain" objects

Please enter the maintainers you would like to use as mnt-by

ALEX-MNT ✕   🔍 ?

prefix   Invalid prefix notation

192.0.2.0/22   ?

source

RIPE   ?

Create "domain" objects

Please enter the maintainers you would like to use as mnt-by

ALEX-MNT ✕   🔍 ?

prefix   Prefix looks OK
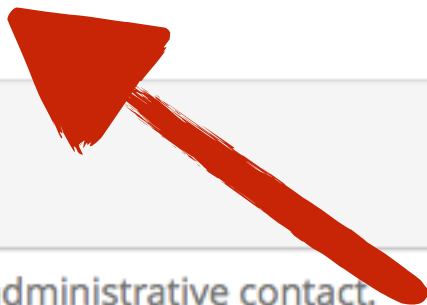
192.0.2.0/23   ?

nserver   Server looks OK

sec3.apnic.net   ⬇   ?

nserver   Server looks OK

tinnie.arin.net   ⬇   ?

Reverse zones
2.0.192.in-addr.arpa
3.0.192.in-addr.arpa

admin-c

Nic-handle of an administrative contact.   ⬇   ?

tech-c

Nic-handle of a technical contact.   ⬇   ?

zone-c

Nic-handle of a zone contact.   ⬇   ?

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Create "domain" objects

Please enter the maintainers you would like to use as mnt-by

ALEX-MNT ✕   🔍   ?

prefix   Prefix looks OK

192.0.2.0/23   ?

nserver   Server looks OK

sec3.apnic.net   ⬇   ?

nserver   Server looks OK

tinnie.arin.net   ⬇   ?

Reverse zones

2.0.192.in-addr.arpa

3.0.192.in-addr.arpa

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admin-c

alex band   ⬇   +   ?

AB30341-RIPE / **Alex Band**el

AB32024-RIPE / **Alex Band**   ⬇   +   ?

zone-c

Nic-handle of a zone contact.   ⬇   +   ?

Release Candidate

Test now at
rc.db.ripe.net

Coming Up

Prefix

| 194.23.42.0/22 | ? |

nserver

| ns1.example.com | ↓ | ? |

nserver

| ns2.example.com | ↓ | ? |

Reverse DNS zones

4 reverse dns zones will be created. Range 40.23.194.in-addr-arpa - 43.23.194.in-addr-arpa   `3 zones passed`

43.23.194.in-addr-arpa   set ds-rdata   `2 errors`   ∧

- ● Delegation not found at parent.

- ● Not enough nameserver information was found to test the zone ns1.name.com, but an IP address lookup succeeded in spite of that.

admin-c

| Nic-handle of an administrative contact. | + | ? |

tech-c

| Nic-handle of an technical contact. | + | ? |

zone-c

| Nic-handle of an zone contact. | + | ? |

Perform checks again

Questions

alexb@ripe.net
@alexander_band