



Ripe 49 Database WG

Chairs:

Wilfried Woeber

WW144

Ulf Kieber
UK171-RIPE

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NT13



Database WG Charter

Charter

The Database working group deals with all issues related to the RIPE NCC Database. Changes of existing objects, creation of new objects and features, and distribution of databases and security issues are discussed here.

Anyone with an interest in the RIPE NCC database is welcome to observe participate and contribute to the WG.

Agenda V4

- A. Administrative Matters
 - Scribe
 - Remote Participation coordination
 - List of Participants
 - Agree Agenda
 - Approve minutes
 - Meeting schedule for next year
 - Actions

- B. DB Operational Update (N N RIPE NCC)
- C. ERX Report [196/8, 198/8] (Leo V., RIPE NCC)
- D. RAToolSet software maintenance (N.N., RIPE NCC)
- E. Routing Registry Courses (N.N., RIPE NCC)
- F. CRISP roundup (Shane K., RIPE NCC)
- G. IRT/Abuse roundup (MarcoH)
- Y. Input from other WGs
- Z. AOB

Actions (1)

46.5	WW144	Coordinate with RIPE NCC to prepare a document summarizing basic assumptions about the use of the database. Presentation at RIPE 47 by WW14.	Ongoing
47.1	RIPE NCC	Set a deadline for the commencement of work on prototype CRISP server code, taking into account the likely availability of standards.	Work has started
47.3	RIPE NCC	Write a document properly documenting the use of the IRT object for reporting abuse.	Ongoing
47.4	WW144	To send note to DB WG mailing list to ask how many are using the DB software, and on what platform.	Done, no response, discharged

Actions (2)

48.1	RIPE NCC	Raise the issue of making "country:" optional with the Address Policy working group.	Done. Action now on AP-WG
48.2	Shane Kerr	To publish the CRISP/Joint-Whois requirements on the DB WG list.	Ongoing
48.3	NT13	Proposal on support for works of art should be clarified and the minor issue of tech-c in the poetic-form object clarified.	Done
48.4	Randy Bush, Niall O'reilly	irt: / abuse - To refine existing proposal to take into account the discussion during the session and try and achieve consensus on the mailing list	Consensus achieved. Discharged

Actions (3)

48.5	RIPE NCC	To implement whatever consensus is reached on the mailing list regarding abuse contact.	Ongoing
48.6	RIPE NCC	To change DB behaviour to return IRT object	Next release
48.7	RIPE NCC	To make the PGP attribute optional on the IRT object	Next release
48.8	RIPE NCC	RAToolset - To raise the issue on the appropriate mailing lists and seek advice on change of development model.	Handed over to ISC

Actions (4)

48.9	RIPE NCC	To apply all available patches to RAToolset etc, and to start a rewrite in ANSI C	Done.
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DB Operational Update

- Usual Statistics
- Some performance issues, addressed by splitting updates and queries
- New hardware coming along
- Synchronous updates increasing, now 15%
- Maintainer objects now automatically created.



DB Future projects

- CRISP Server
- Abuse reporting work
- Database 3.3 release

ERX migration

- Class B space done
- Class C 196/8 and 198/8 done
- Class C 192/8 just starting
 - 3000+ records to transfer
 - 3 months reply window
 - Web page available for ease of transfer
 - No email needed

IRRToolset

- Used for building router configs etc
- Not used by RIPE NCC
- Handed over to ISC
 - Cleaned up
 - Patched
 - Documented

IRT/Abuse

- How to link an IP address with a contact for reporting abuse
- Long term issue (over a year)
- Problems
 - Whois query on inetnum produces too many email addresses, most are not relevant
 - No obvious place to put an abuse specific address

Solution (1)

- Modify behaviour of whois server to not return email-like items for a normal query on **inetnum**, **inet6num** and **route**
 - Reduces likelihood of casual user firing of complaints to everyone in sight
 - Original behaviour available with flag

Solution (2)

- Add *abuse-email*: attribute to **person** and **role** objects
 - Allows ease of addition and maintenance
 - Gives an obvious means for tools to find out where to send complaints

Solution (3)

- Write “Guide to using the RIPE database for reporting abuse”
- Socialise with the tool authors
- Evangelise