RIPE Database Update
RIPE-26

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RIPE NCC

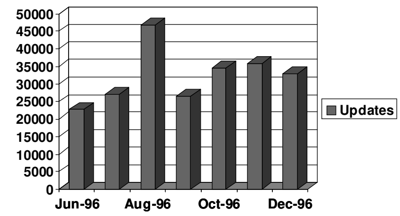
Outline

- Documention
- Database statistics
- Open Issues
- Plans

Database Statistics

Object	Apr 19, 96	Sep 23, 96	Jan 18, 97	Delta
person	65339	91441	127470	36029
domain	32168	54131	71101	16970
inetnum	47513	58281	67456	9175
route	12306	13963	15171	1208
aut-num	721	879	1016	137
mntner	562	764	918	154
as-macro	55	110	158	48
other	106	139	164	25
total	158770	219709	283454	63755

Database Updates



Open Issues

1. Reverse domain flag
   - Displays domain objects for address space covered in inetnum.
   - status: anybody want this?
2. Available databases flag
   - "-a" produces a list of available databases together with their ages
   - status: just do it?

Open Issues

3. admin-c content checking
   - covered in consistency project
   - status: will be done
4. garbage in person/role fields
   - covered in consistency project
   - status: will be done

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Open Issues

5. InterNIC NIC-Handles
   - Should they
     - always be accepted?
     - be checked for validity?
     - be allowed in new person objects?
   - Proposal:
     - Disallow non-RIPE NIC-hdl's in **inetnum** objects and in **new** person/role objects.

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Open Issues

6. Empty lines allowed
   - to improve readability
   - status:
     - should we do this?
     - free text attributes?
     - specific syntax attributes?

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Open Issues

7. Hierarchical authorisation in RR
   - originating AS as authority for route
   - status: just do it?
8. Notification in RR
   - notification to maintainer of route objects if creation of new one involving same address space
   - status: just do it?

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Open Issues

9. Notification of sender
   - if person/role updating object is in notify field, should notification be sent in addition to acknowledgement?
   - status: RIPE-25 said yes/no?
10. <auto-inaddr@ripe.net>
    - should functionality be performed by < auto-dbm@ripe.net>
    - status: why?

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Open Issues

11. Stronger authentication
    - should stronger security mechanisms be made available for protecting the data you have in the RIPE database?
    - status: ???
12. Extended as-in/as-out
    - Cengiz Alaettingoglu (RPSL 9/96) status: implement? borrow?

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Open Issues

13. Name tag
    - David Kessens
    - status: unknown?
14. URL attribute
    - ability to have URL's in objects and have them point to things
    - status: DONE

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Open Issues

15. WWW- WAIS interface
    – It would be handy to have web interface to wais searches on the database similar to GARR-NIS
    – status: to be done
16. whois -H
    – cgi-bin behavior and HTML output
    – status: ???

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Open Issues

17. References exist Check
    – check existance of references when creating or updating objects
    – covered in consistency project
    – status: will be done
18. Deletion of referenced objects
    – covered in consistency project
    – status: will be dealt with

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Open Issues

19. Support for MIME updates
    – “quoted printable” suggested
    – status: wanted?
20. Multiple contact points
    – Support in person objects
    – status: should we do it?

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Open Issues

21. Logging of syntax errors
    – to improve user interface
    – status: to be done
22. Object history
    – add true object history tracking, including UTC time zone
    – status: to be done

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Open Issues

23. Referral Mechanism for TLD’s
    – status: to be done
24. whois -tv
    – verbose flag for objects
    – status: to be done

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Open Issues

25. Syntactic cleanup
    – remove ripe-181 line continuation
    – RR syntax sugar mandatory
    – status: latter done by David K.
    – status: to be done

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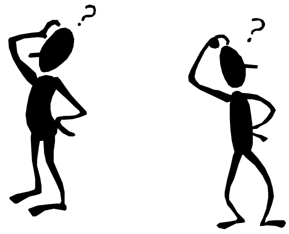
Short Term Plans

- Finish Documentation
  - starting with "whois -tv"
- Bug fixes + Minor "Open Issues"
- Plan/start DB Consistency
- High priority open issues



Open Issues