RIPE DB Status Update

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Outline

- ## New developments

  - DNS provisioning system

  - IRT object

  - 32-bit ASN

- ## Operations and Support

  - Statistics

DNS provisioning system

- Requirement to support glue records in the provisioning system
  - Automation and delegation checks for ENUM delegations
  - Consistent interface for DNS management

- "**nserver:**" attribute changes
  - Clearer and shorter syntax
  - IPv6 glue support
  - Only ~150 inconsistent objects

- Web Delegation Checker
 - Fully supports new "nserver" syntax

Query behaviour for the IRT object

- Objectives

  - To increase the availability of the irt information to users.

  - To promote the use of the irt object.

  - To make it easier for third party tool writers to find the correct contacts.

- New query behaviour

  - -c IP query: the **inetnum** and the closest **irt** covering this address space

  - This is a default behaviour for the web interface

  - Next step is to make –c default for IP queries

Have we met the objectives?

- ## We don't know yet

  - 600 q/day with –c flag

- ## New suggestion to cover ASN space

  - There is no hierarchy, can abuse-mailbox be a solution?

  - And what is the difference between the two?

- ## What is it used for?

  - Abuse complaints

    - Overlaps with **abuse-mailbox:** ?

    - Are the IRTs behind the objects prepared to handle this?

Chart (2002–2006), legend: ■ Created, ■ Updated. Y-axis 0 to 35.
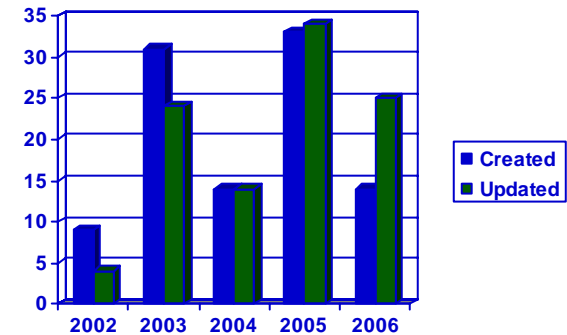
ASN32 support

- Henk Uijterwaal's presentation on Tuesday

- Changes in RPSL syntax

  - ASx   AS3333

  - ASz.y   AS1.0

- Affected objects

  - 10 objects

  - 41 attributes

 - More info in draft-uijterwaal-rpsl-4byteas-ext-01.txt

Operations and Support

- Business as usual

  - Hitting 73 q/s, 25 q/s on average, no significant changes

  - More detailed information at
    http://www.ripe.net/projects/dbconstat/stats.html

- Documentation

  - Getting Started has been published

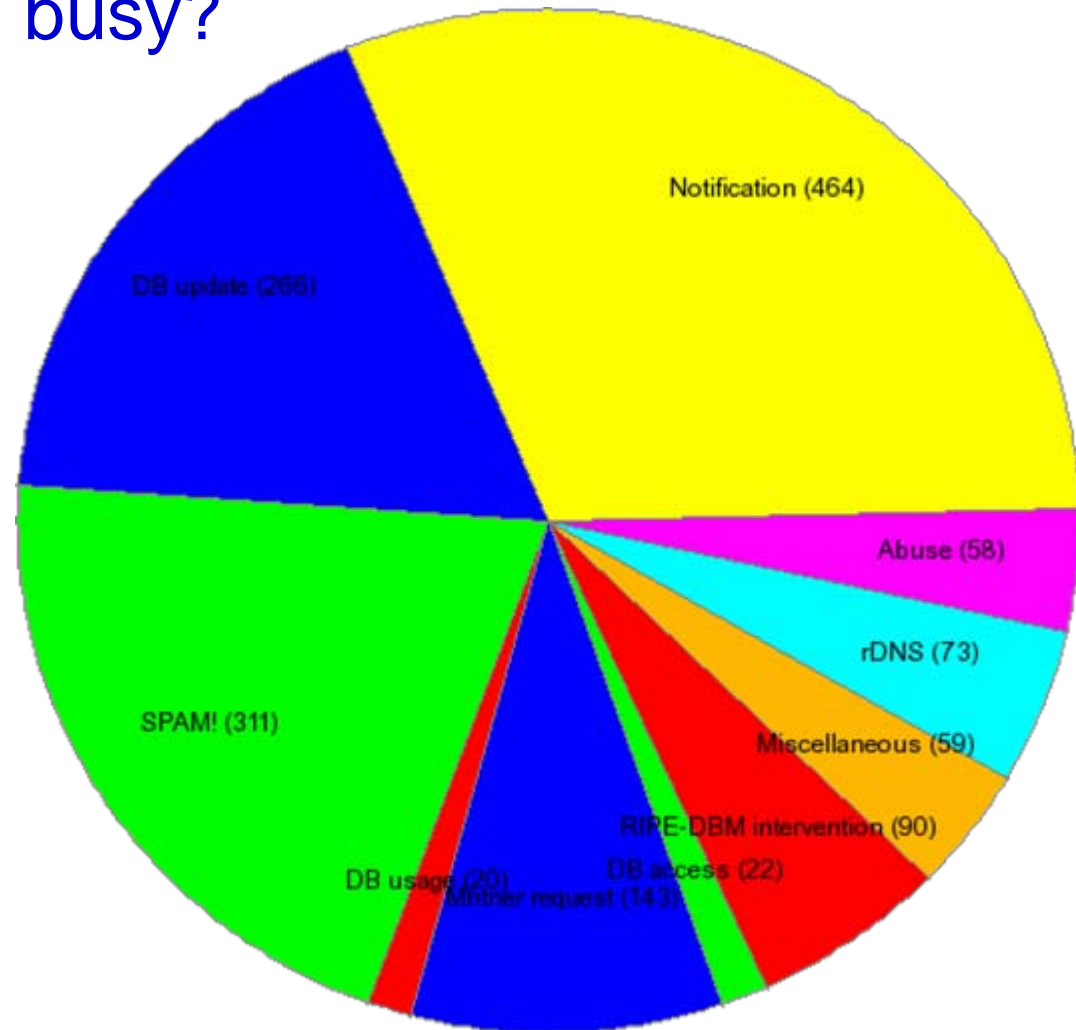 - Update reference manual and FAQ are under revision

Operations and Support

- How busy is ripe-dbm?

Average number of messages per ticket for ripe-dbm tickets (last 8 weeks)
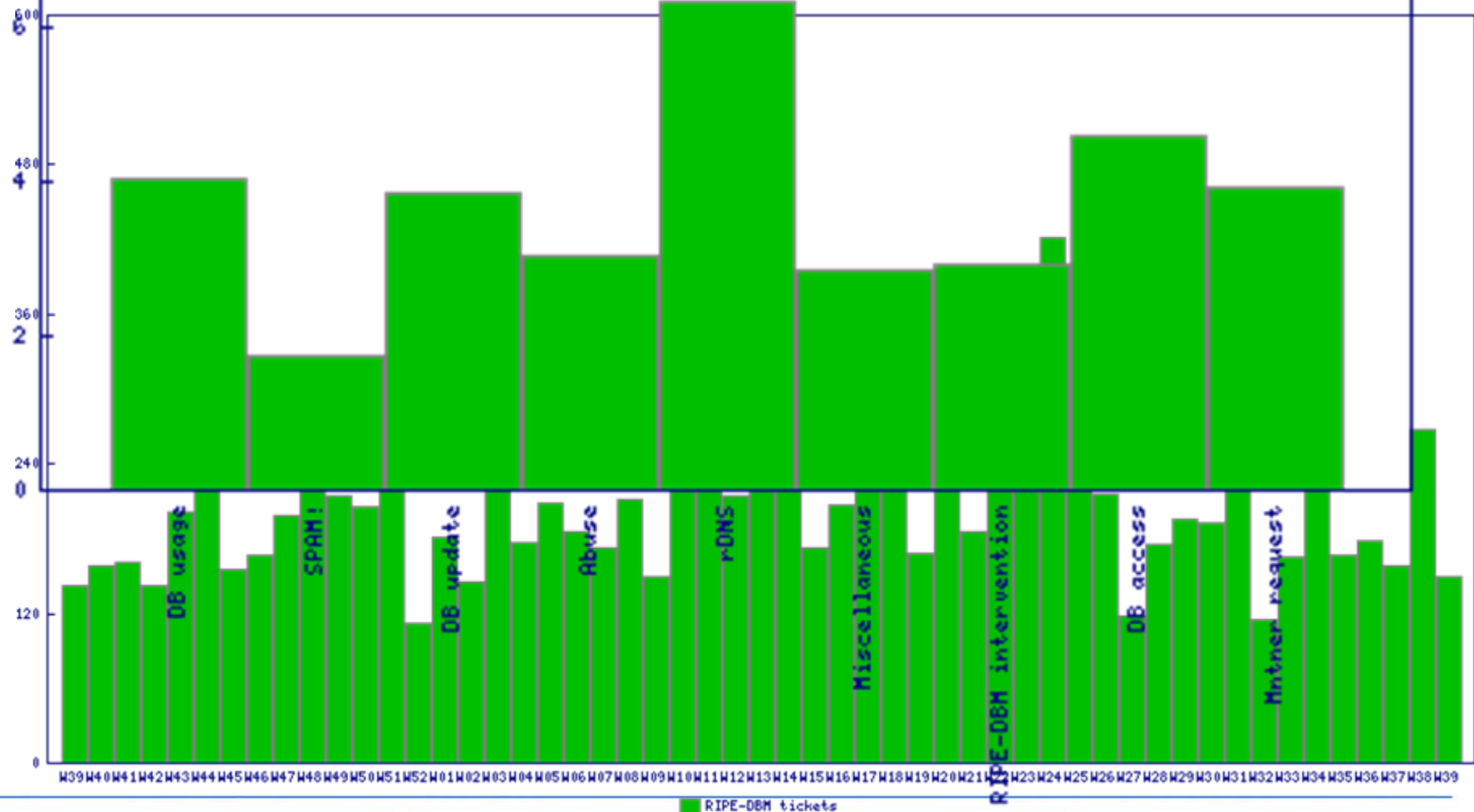
Operations and Support

- What keeps ripe-dbm busy?

Category split for ripe-dbm in the last 8 weeks

Pie chart segments:
- Notification (464)
- DB update (266)
- SPAM! (311)
- DB usage (20)
- Mntner request (143)
- DB access (22)
- RIPE-DBM intervention (90)
- Miscellaneous (59)
- rDNS (73)
- Abuse (58)

The DB team

- Part of the SED at the moment
  - Agoston Horvath
  - Denis Walker
  - Katie Petrusha
  - Trudy Prins
  - Vasco Asturiano

- New Database Group
  - Recruiting a group manager
  - Forming a new team

Questions?