



RIPE 59 Database Update

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Database Manager, RIPE NCC



Outline

- Introduction of the DB Group
- Projects and external commitments
- Operational update and RIPE-DBM
- Data Protection Taskforce highlights
- Questions



The DB Group



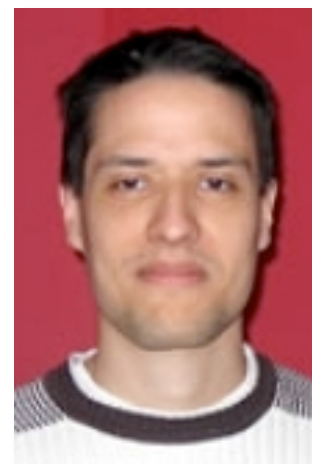
The Database Team



Paul



Erik



Agoston



Luis

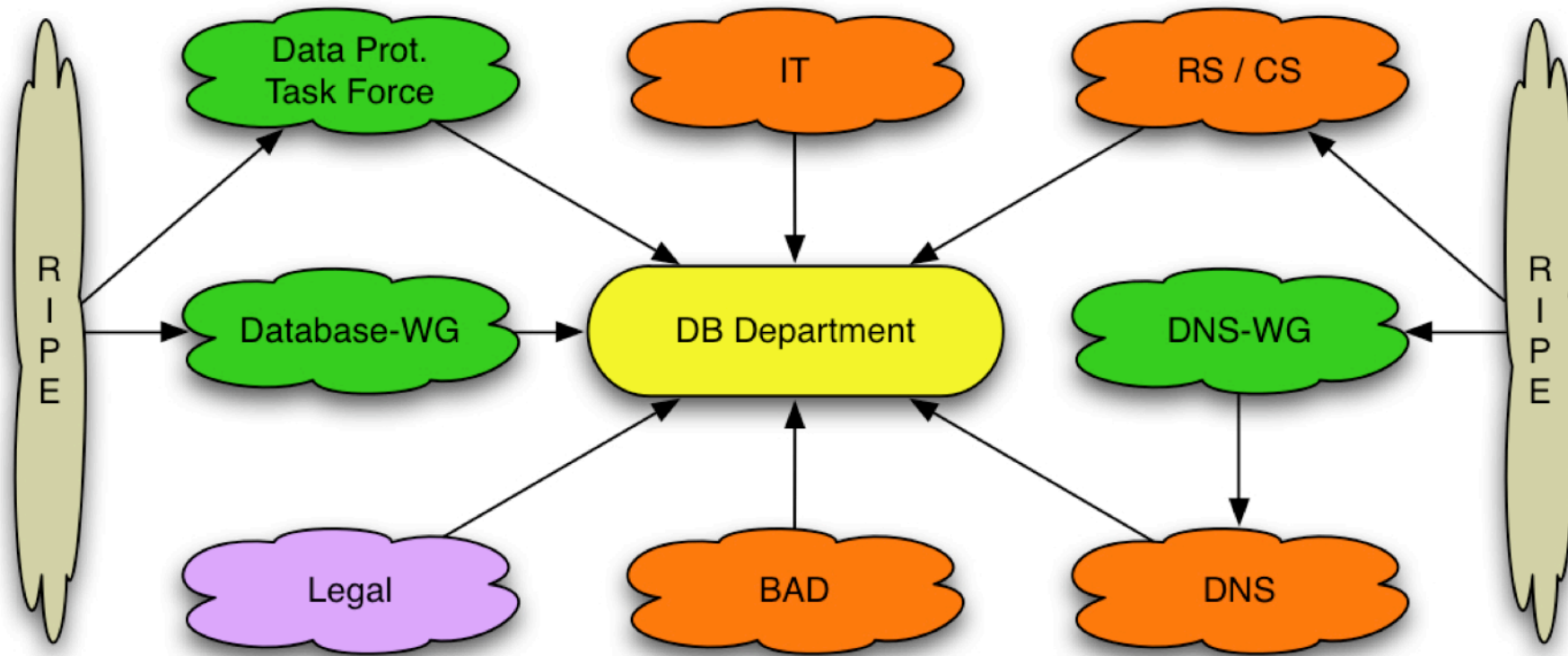


Benedetto



Denis

Stakeholders: Internal and External





Projects



AP54.3: MNT-BY on Person/Role

- MNT-BY mandatory on person and role objects
- Software is ready
- Documentation is ready
- Test environment deployed right after RIPE 59



AP54.3: MNT-BY on Person/Role

[RIPE NCC](#)
[LIR Portal](#)
[RIPE](#)

Updating the RIPE Database

you are here: [home](#) -> [RIPE Database](#) -> [Webupdates](#)

RIPE Database:

- [About the RIPE Database](#)
- [Webupdates](#)
- [Support Information](#)
- [DB Software and Tools](#)
- [DB Statistics](#)
- [DB Related projects](#)
- [DB Terms and Conditions](#)
- [Routing Registry](#)
- [News Archive](#)

RIPE Database new user startup procedure

This form allows a new user to create the first person and mntner objects in the RIPE Database.

Person and mntner objects that are not referenced by any operational data for 21 consecutive days will be subject to deletion by the automated Database cleanup process. It is recommended not to create these objects until you are ready to reference them.

Select the database to update:

Fields marked with a "*" are mandatory

Full Name*	<input type="text" value="John Doe"/>
Address*	<input type="text" value="Singel 258"/>
Phone*	<input type="text" value="+3120 535 4444"/>
Email*	<input type="text" value="jd@ripe.net"/>
Password*	<input type="password" value="....."/>
Password (again)*	<input type="password" value="....."/>
Nic-hdl	<input type="text" value="JD-RIPE"/>
Maintainer Name	<input type="text" value="JD-MNT"/>

I accept the [RIPE Database Terms and Conditions](#).

The nic-hdl has a strict format. If you are not sure what to enter, leave it blank. This will be generated for you. The maintainer name will also be generated if left blank. For further details see [RIPE Database User Manual-Getting Started](#)

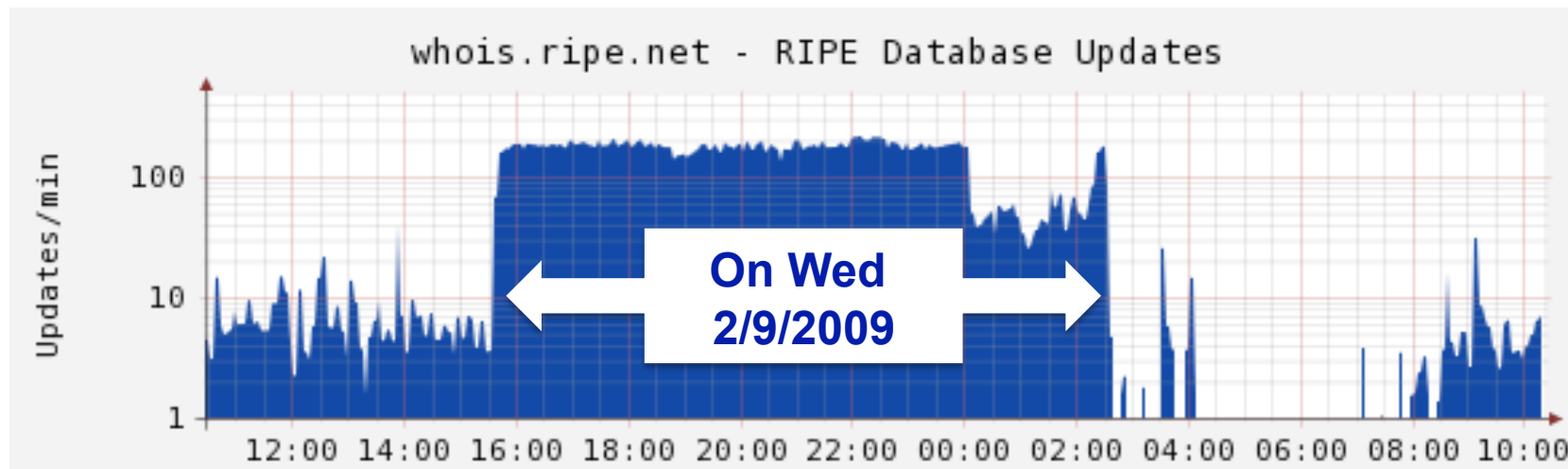


AP54.6: Clean-Up Unreferenced Persons

- Suspended after Ripe 58
- Restarted after “not reusing NIC handles”
- Suspended now for clarification...

AP54.7: rev-srv Deprecation

- Done on Wednesday 2nd September
- Rev-srv attribute turned into remark line
- Approximately 105.000 objects affected

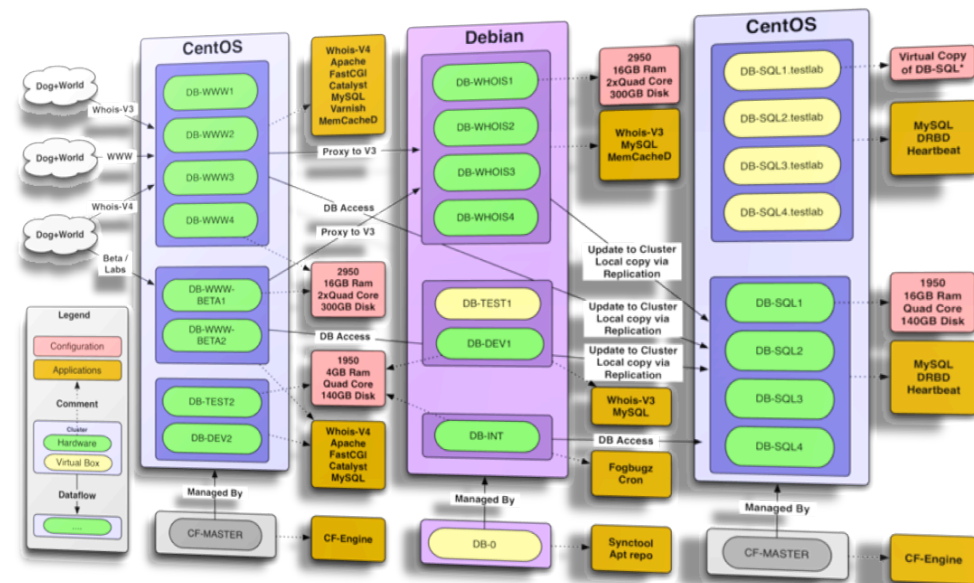




Various Updates

System Architecture

- Presented new architecture at RIPE 57
- Most of it has been deployed
- Few remaining services will be migrated without operational interruption





NRTM/Split files without personal data

- NRTM and split files without NIC-HDLs
- Software is ready
- Documentation is ready
- Test environment deployed right after RIPE 59



Not reusing NIC-HDLs

- Discussed during RIPE 58
- Announced on DB-WG mailing list
- Deployed on the 10th of September



RIPE NCC's Other Database Mirrors

- We are out of sync
- Reloading APNIC mirror
- Other will follow
- Address QoS



Operational Update

RIPE-DBM



RIPE-DBM

- First line:
Customer Service
- Second line:
Database group



Andrea (manager)



Emilio



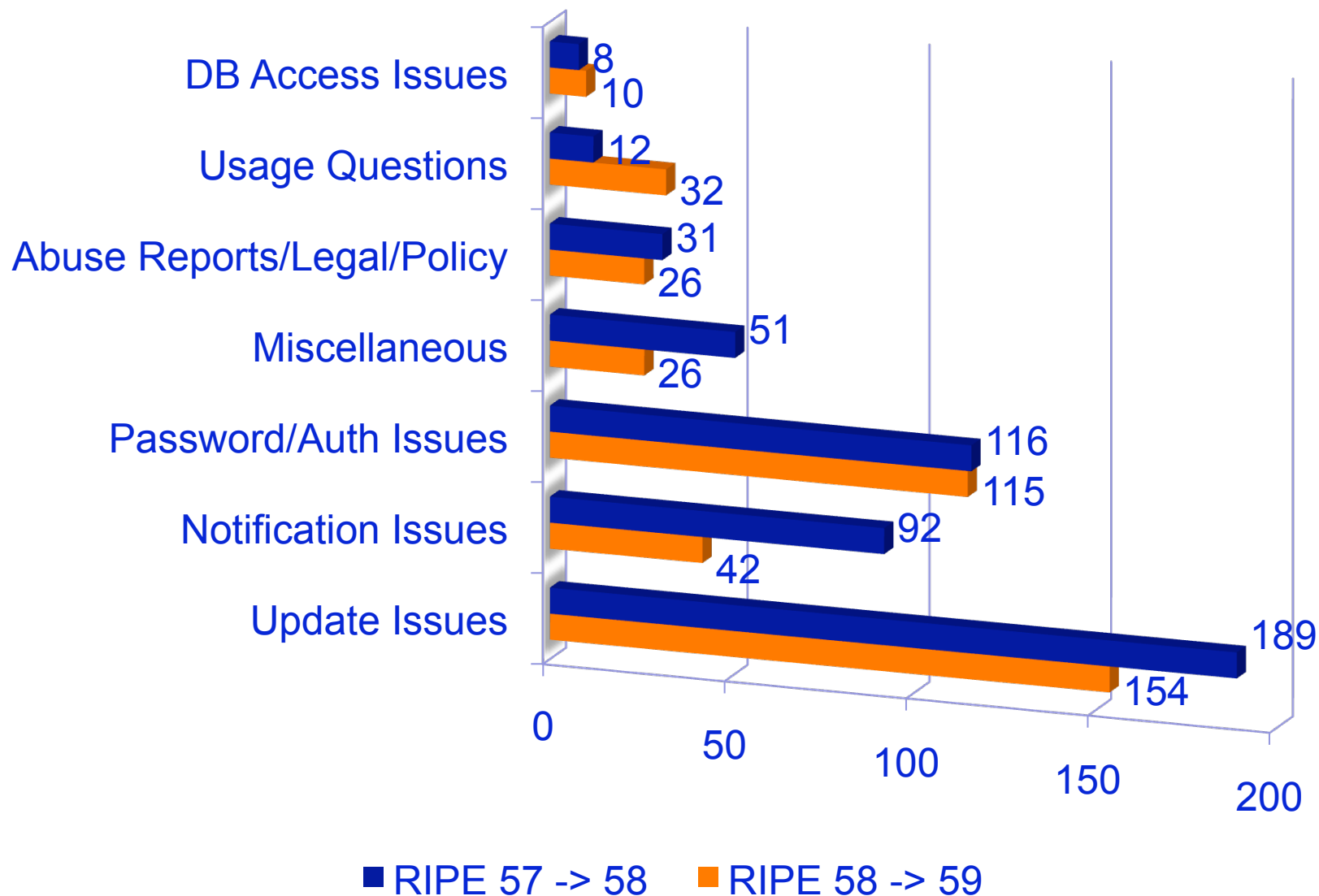
Milena



David



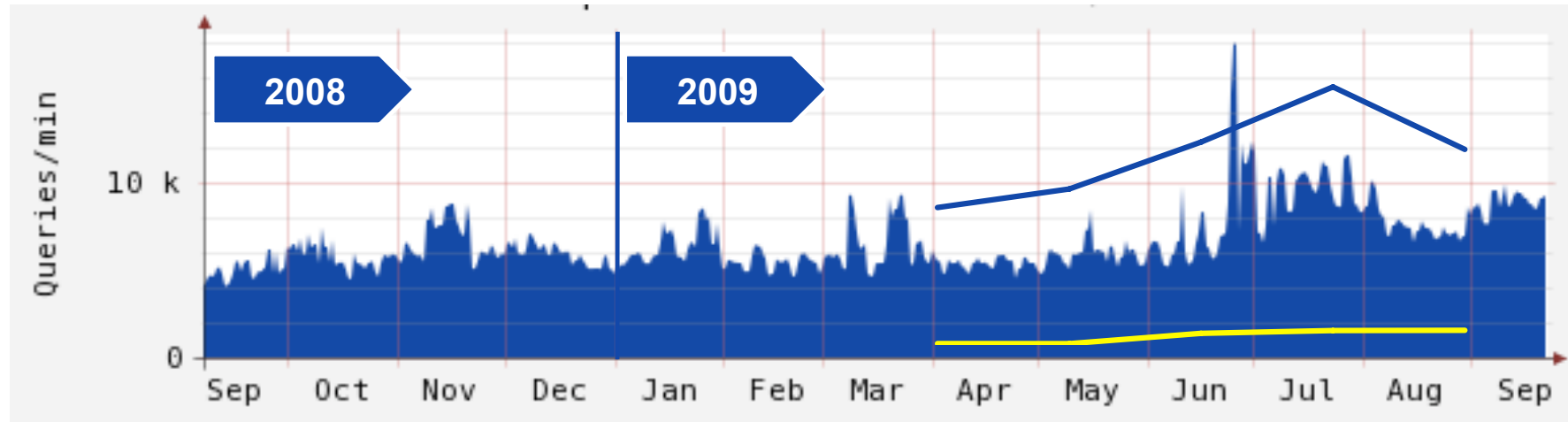
Average Tickets Per Month





RIPE Database

Stats: Whois Queries per minute



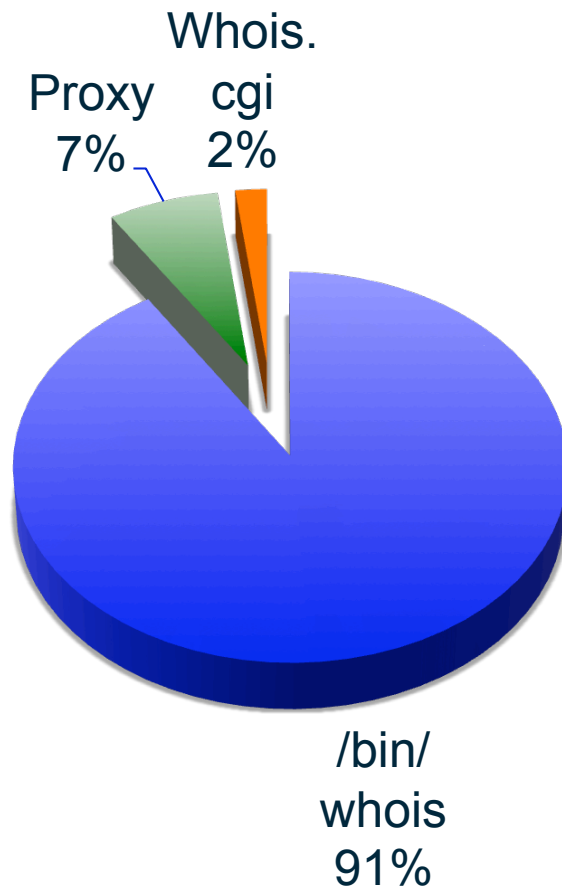
- Average queries over a year: 6,639
- IPv6 April : < 1%
- IPv6 August : > 6%



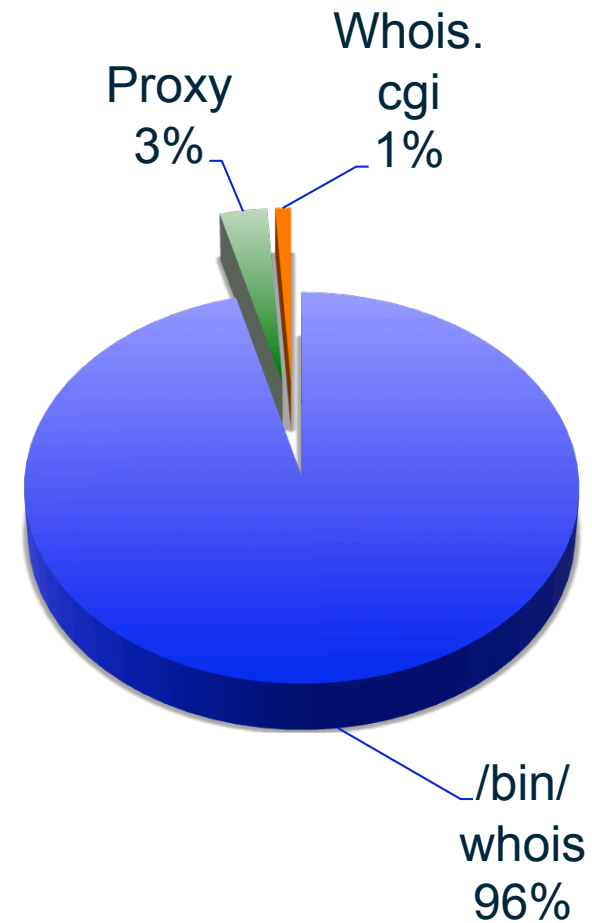
<http://www.ripe.net/info/stats/db/>

Whois Queries – Access Method

RIPE 57 -> 58

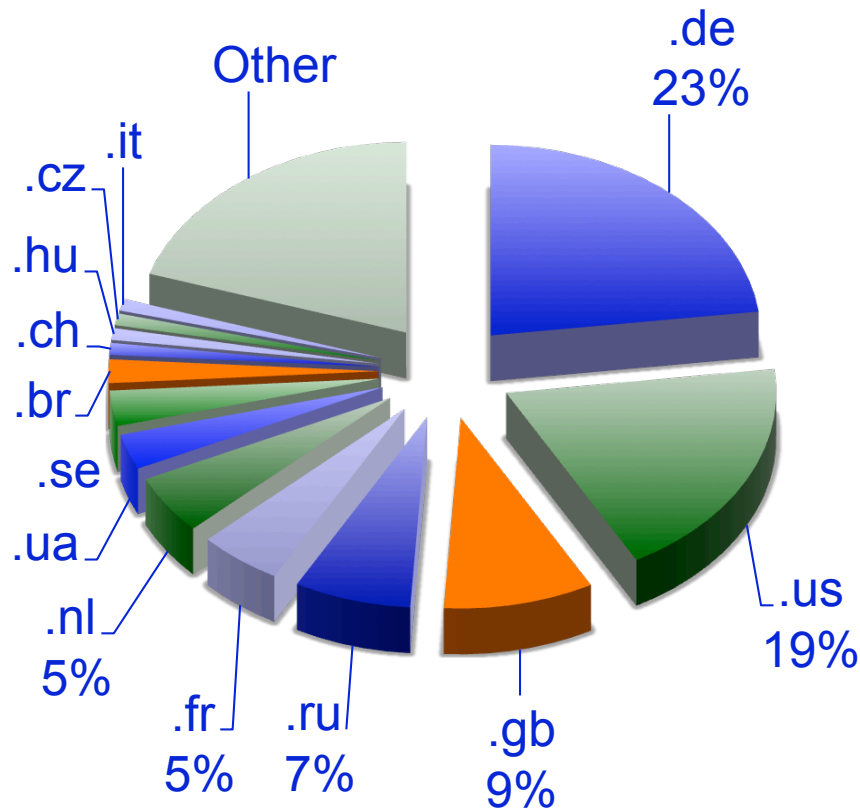


RIPE 58 -> 59

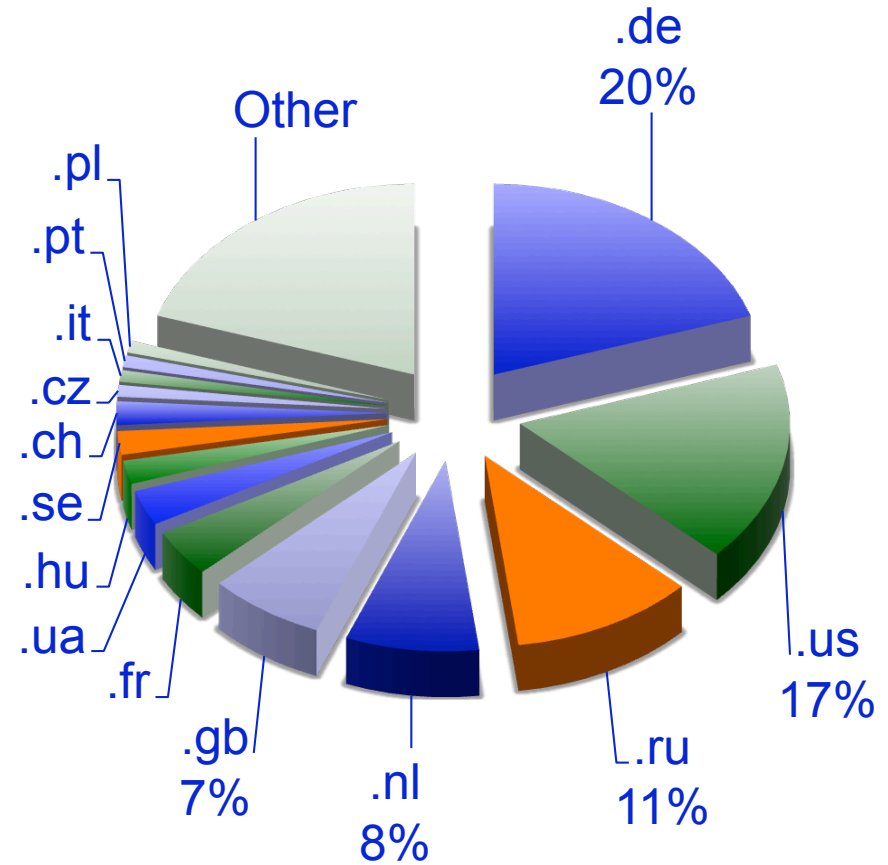


Whois Queries – Usage by Country

Between RIPE 57 and 58



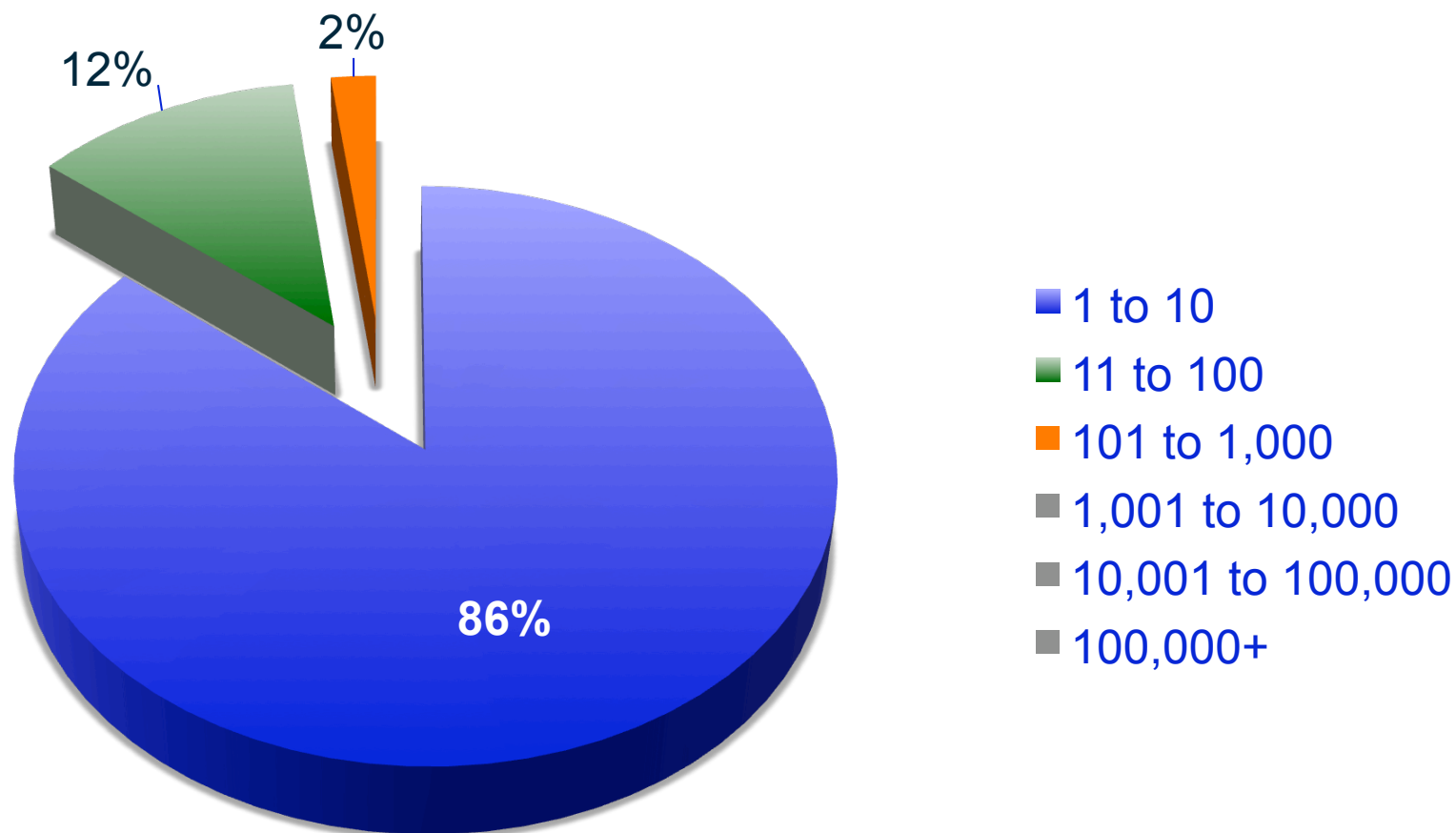
Between RIPE 58 and 59





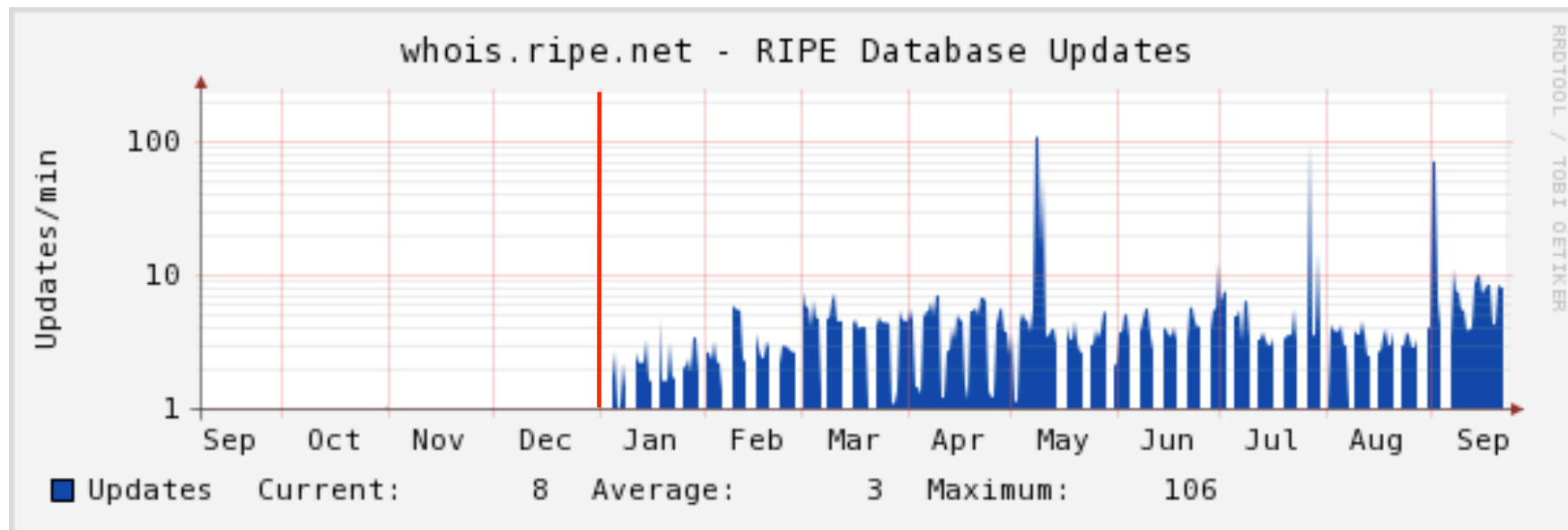
Query Distribution per Month

Queries per unique IP





Stats: Successful Whois Updates



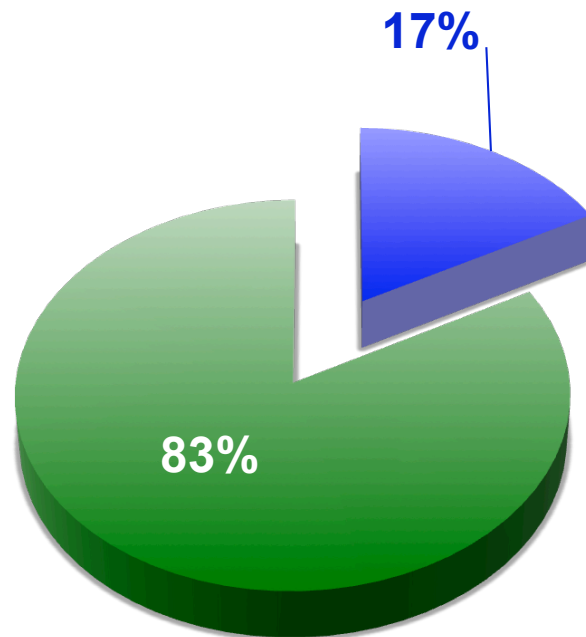
- Average updates over a year: 8 per minute



<http://www.ripe.net/info/stats/db/>

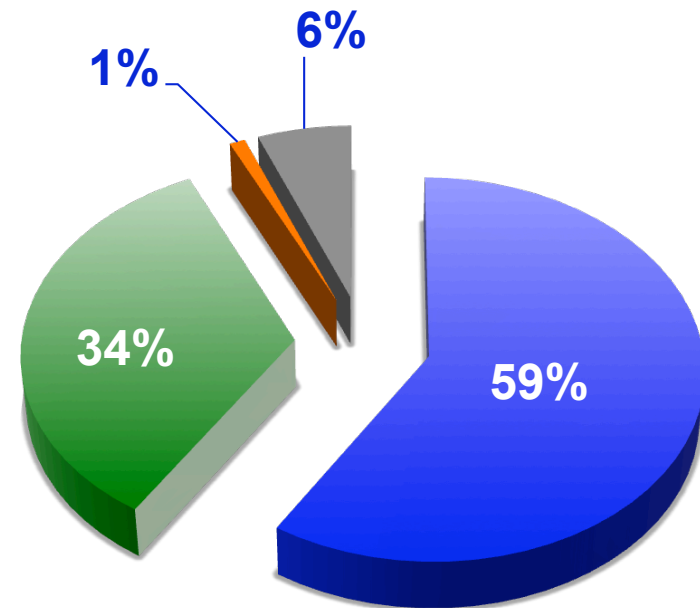
Whois Updates - Distribution

Update Method



■ sync ■ mail

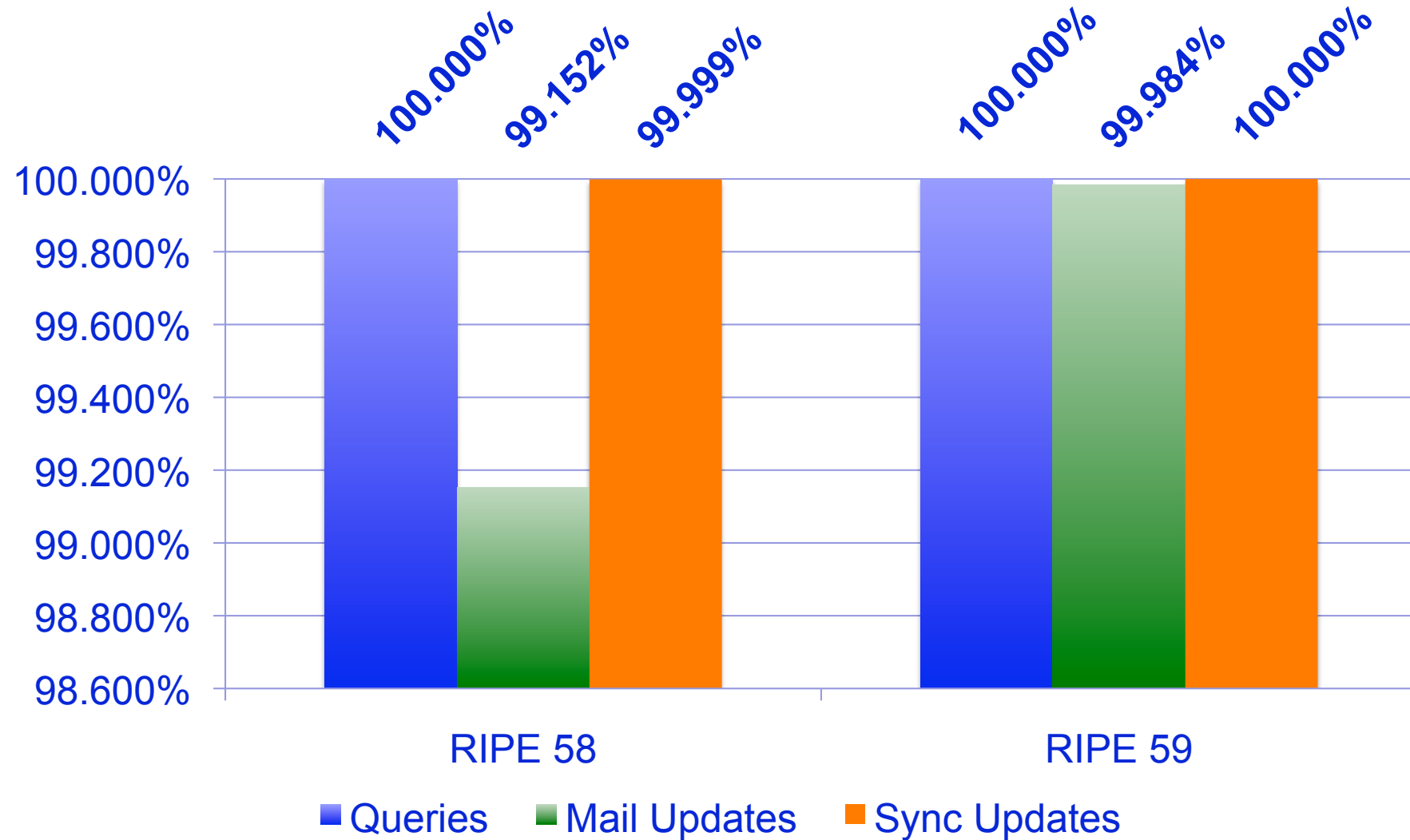
Update Types



■ Successful
■ Failed
■ Help
■ Spam



RIPE DB: Query and Update Uptime





Data Protection Taskforce highlights

- Final review of the Database AuP
- Final review Proxy Access Service Agreement
- Close the taskforce – mission completed



Things to clean up

- Cleanup of forward domain objects
- Improve reverse delegation safeguards



Questions?





THANK YOU!