RIPE DB Status Update

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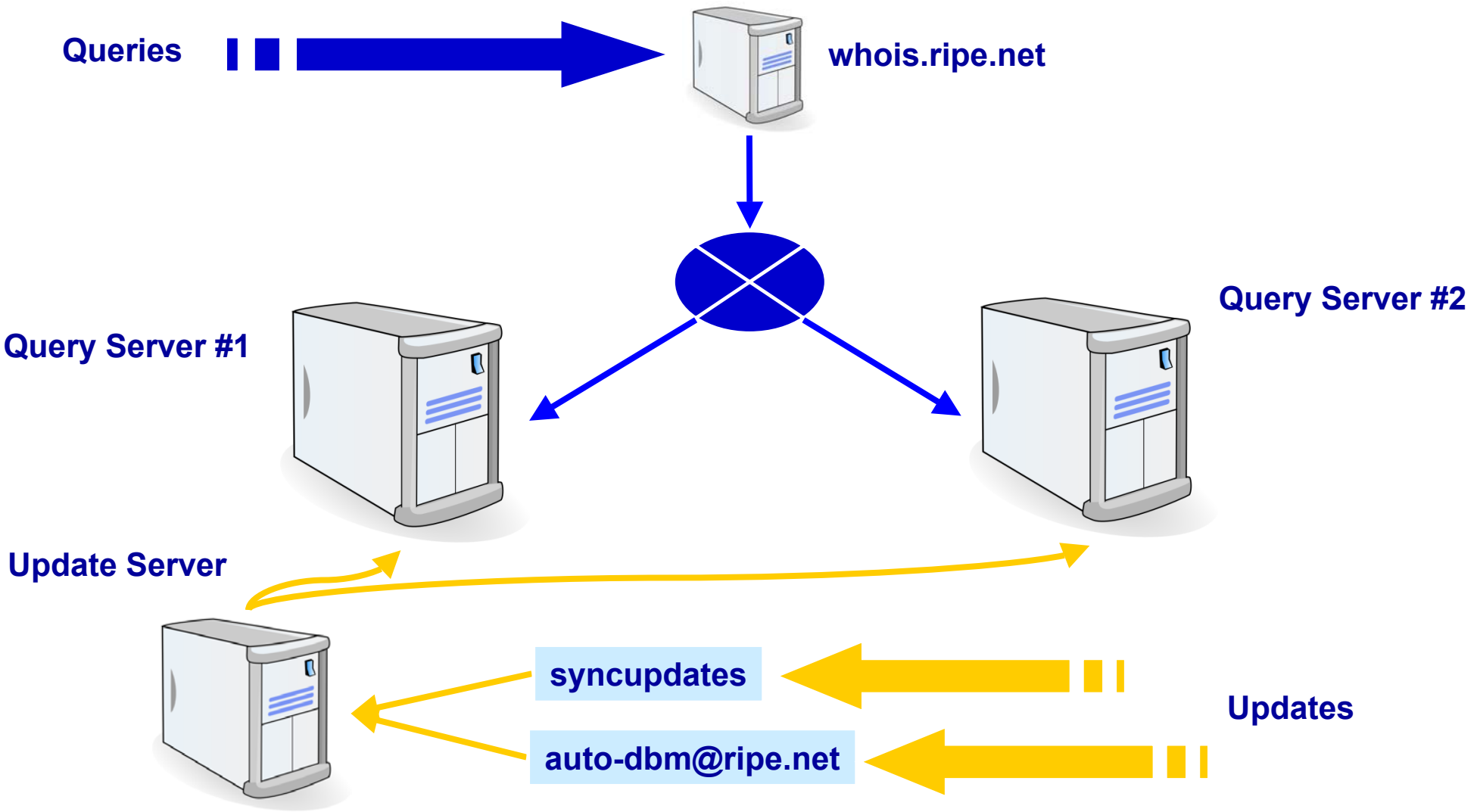
Outline

- Status update
  - Current Setup
  - Operations and Support
- RIPE DB data protection issues

Current Setup



Operations and Support

- Business as usual
  - Hitting 65 q/s, 35 q/s on average
  - Sometimes slow updates
  - Most problems with webupdates have been fixed
- Service Outage Procedure
  - Implemented and has been used a few times
- Documentation
  - Update reference manual is in progress
  - Getting Started has been just released (not published yet)

Current Data protection issues

- No RIPE Database Terms and Conditions for usage
- No “protection” of Personal contact data in RIPE DB
  - Individuals are not notified of publication of contact information
  - No audit or control procedure on data
  - Personal contact data cannot be amended/changed/removed by RIPE NCC
- No RIPE NCC privacy statement
- Several different copyrights statements
- Several Acceptable Use Policies (AUPs) signed

Thoughts for future improvements

- RIPE Database Terms and Conditions for usage
- Protection of Personal contact data in RIPE DB
  - Notify individuals of publication of contact information
  - Set up feasible audit or control procedure on data
  - Develop policy to change/amend/remove by the RIPE NCC
- RIPE NCC privacy statement
- Merge different copyrights statements
- Revise Acceptable Use Policy (AUPs) and re-sign

Questions?

Two Database proposals

Additional support for DNS

- Requirement to support glue records in the provisioning system
  - Automation and delegation checks for ENUM delegations
- nserver: attribute can do the job

  nserver: [domain_name] -or-

  nserver: [domain_name] [ipv4_address] -or-

  nserver: [domain_name] [ipv6_address]
  - If [domain_name] is followed by an IP address, it must be inside of the zone being delegated.
  - Semantics change
  - Syntax and DNS checks
- Deployment considerations
  - 150 inconsistent objects

Query behaviour for the IRT object

- While the idea seemed to be clear, evil appeared to be in the details
  - Also a significant code change
- 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.
- Current behaviour
  - Default IP query: no **irt**
  - -c query: the referencing **inetnum** and the **irt**
  - -cr query: the **irt** object is filtered out

Expected behaviour (how we understand it)

- Default IP query (whois 193.0.0.1)
  - In addition to currently returned objects also return **irt** object referenced by the queried **inetnum** object or the closest less specific **inetnum** object, if one exists.
- IP query with –c flag (whois –c 193.0.0.1)
  - Same behaviour as the default query (deployment considerations)
- IP query with –r flag (whois –r 193.0.0.1)
  - No **person**, **role**, or **irt** obejcts are returned
- IP query with –rc flags (whois –rc 193.0.0.1)
  - **irt** object is returned, no **person** or **role** objects are returned
- Other query types and/or flags (whois –L 193.0.0.1)
  - No **irt** object is returned

Questions?