Problem of AS number database registration

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Reasons for disclosing registry information by Whois database.

- Preceding network users are…
  - They accept responsibility.
  - And they use their experiences.

- Whois database provides information to help them with troubleshooting.

Enough information for troubleshooting

- Requirement
  - Anybody can search for contact information.
  - They contact the target organization based on that information.
- Examples
  - Organization name
  - Person name in the organization
  - E-mail address
  - Telephone number…etc.
- It is same to disclose AS number information.

AS Object

```
aut-num:     AS18146
as-name:     InetCore
descr:       Intec Netcore, Inc.
import:      from AS17685 100 accept ANY
import:      from AS7682 100 accept ANY
import:      from AS17686 100 accept ANY
export:      to AS17685 announce AS18146
export:      to AS7682 announce AS18146
export:      to AS17686 announce AS18146
country:     JP
admin-c:     IN011JP
tech-c:      RH005JP
```

- Same as RPLS
- Same as IRR Objects

- This object includes too much information which is "import"/"export", not only "Contact Information".

Is "import"/"export" registry information?

- "import"/"export" fields describe "connectivity information".
  - NOT "registry information"
- Most company never disclose "connectivity information".
  - Because, it includes…
    - Business plan
    - Private peering…
- This information should NOT be disclosed by whois database.

"import"/"export" are needed?

- **What is happen, if "import"/"export" field disappear.**
  - Whois database aut-num object format is same as IRR database.
    - Some operators might use whois database instead of IRR database for making route filters.
      - These users might have some trouble.
- **"import"/"export" are important information for network operation.**
  - HOWEVER, those information should be managed by IRR database, NOT a whois database.

Proposal(1)

- The "import"/"export" fields MUST NOT be disclosed by whois database.
  - Whois database means registry information, not "IRR information".
- Route administration information should be disclosed by IRR databse.

Proposal(2)

- APNIC is planning to merge whois and IRR database system to 1 system using RIPEv3.
  - Merging database is a good idea.
  - One aut-num object in RIPEv3 has two aspects of registry database and IRR which are separate things.
  - It is confusing.
- We propose that APNIC should define a new object for managing AS number assignment.

Thank you

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