Minutes of the DBWG at AFRINIC 31

Agenda

The agenda for the session was as follows:-

- Review of Minutes from previous WG meeting
- Presentation of the proposed db changes to be introduced by the proposal "Abuse Policy Contact Update" By Jordi.
- Update from AFRINIC:-
  - IRR integration in myafrinic
  - WHOIS upcoming new features
- Choosing of a second community co-chair
- Discuss any ideas raised from the mailing list
- AoB

Review of the minutes from previous WG session

We had a review of the minutes and action points from AIS 2019.
A few comments/updates:

- IRR integration in myafrinic has been deployed on the community lab and can be accessed on my.sandbox.afrinic.net.
- There was a comment on auto-renewal of ROAs. Asked why we want to auto-renew after 10 years? Suggestion was if we keep the auto-renewal, we need to contact the member maybe once a year to let them know that the ROAs will expire on that date and will be auto-renewed.
- ASN 0 was implemented
- Since AIS 2019, the release notes for updates on WHOIS and Myafrinic are now communicated to the community and WG.
- A new data center is being setup to ensure that we have redundancy incase one data center goes down.
- During the AFGWG, there was a discussion about WHOIS and a member asked why AFRINIC was not using RDAP. On the outside, people think AFRINIC is lagging behind because we do not have RDAP. We need to communicate more about RDAP to the members. The documentation of RDAP for AFRINIC is located at https://www.afrinic.net/whois/rdap#how-to
- There was a question of what we should do about new RDAP extensions? Members suggested that we should add all the extensions and then communicate it to members.
- We are working on a cheat sheet to help members easily switch to BCRYPT.
- We still need to clean up the unreferenced person/role objects.
- We are looking at WHOIS data accuracy under the ITHI project.

Presentation of the abuse policy by Jordi

Abuse contact update policy.

https://www.afrinic.net/policy/proposals/2018-gen-001-d5#proposal
Summary from discussion:

- Proposal has been presented in other regions. It has reached consensus in APNIC
- If the proposal reaches consensus, AFRINIC needs to change the mnt-irt to abuse-c, or move the data from mnt-irt objects into abuse-c objects which essentially are person/role objects
- The abuse-mailbox will be mandatory in the person/role objects
- AFRINIC has to do verification on the email to confirm its valid and not bouncing
- It was suggested that it point to a role for data protection purposes or to use group mailboxes for the abuse-mailbox.
- Abuse-c will now be mandatory for all resource objects
- Violation of the policy will be breach of RSA
- If abuse-c validation fails, AFRINIC has 15 days to validate other contacts.
- Question. Should we enforce the abuse-mailbox in the organisation object? - Up to AFRINIC to make it mandatory since org object is created by AFRINIC itself.
- AFRINIC should provide a standard way to retrieve the abuse-contact e.g API
- If child object does not have an abuse-c, copy from the parent objects.
- Once policy is ratified, AFRINIC needs to communicate to members about it
- Validate contact initially atleast once every six months. AFRINIC has a contact verification project already within which to do this. Currently once per year. This is within myafrinic.
- Mnt-irt to be depreciated slowly once this policy passes.

Presentation/update from AFRINIC

Upcoming policy implementation on whois

PI update policy

- Stipulates that all endusers must announce their IPv6 prefixes within 12 months after issuance.
- End-users should not de-aggregate the prefix
- AFRINIC should use the sparce allocation algorithm to do assignments of IPv6 to endusers.

AFRINIC is

- Doing checks to ensure users are announcing the prefix and also to ensure they are not de-aggregating them. We are using the RIPE stats API
- Added a dashboard for users to use to see which objects are non-complaint
- Added feature in myafrinic to help members to set prefixes that are to be used for IXP or research purposes to "not to be announced" so that they are not flagged as non-compliant in the policy violations dashboard.
- Implemented the sparce algorithm for assignment of IPv6 to end-users.

These features are still under testing and are expected to go live very soon

IRR in myafrinic

- Apps team @afrinic has implemented a GUI in myafrinic to enable members to create route(6), as-sets and edit some attributes in the autnum objects.
- Members can sign the changes with pgp or provide password and submit to whois for processing.
- Members can edit, delete or create new objects in the routing registry.

Demo of the implementation in sandbox

Took members through a demo of the IRR GUI integrated in myafrinic on sandbox.

Comments/feedback

- We need to do front end validation before user submits form.
- Make the error messages more human friendly
- Have pointers on expected format on the AS number field.
- Have a prefix picked from drop down
- Use a wizard for the creation of route(6).

This feedback will be incorporated into the improvements to the IRR GUI.

Update on the WHOIS API

- We would like to explore the use of oAuth, where user is given a token, which they then use to authorise them to make updates.
- The alternative would be to send the passwords in plain text in the url and we do not want to do that especially now at a time when we are encouraging members to use PGP as a more secure authentication mechanism

Co-chair nomination

- A call to nominate a new co-chair was made. We did not recieve any nominations from the attendees.

Therefore, the second co-chair position is still vacant. This will be taken to the working group or at the next DBWG session at AIS 20.