

Recycling Unused AS Numbers

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Overview

- Database Updates
- References
 - RIPE Database
 - Other IRR Databases
- Summary
- Discussion



Database Updates

- AS Number is returned
- Remove un-needed AUT-NUM, ROUTE and other objects
 - Prefer the organisation returning the resource to make the updates
 - RIPE NCC will make them if necessary



References

- RIPE Database
 - We check for references
 - Organisation returning the AS Number asked to ask ex-peers to update their objects
 - NCC follows up
- Other IRR databases
 - There are about 50
 - We don't check them



List of Routing Registries

This list was designed for the Internet community. It enables users to coordinate their Routing Registry efforts by providing mirroring and contact information.

If you wish to join this list, please fill out this [form](#) and send it to db-admin@merit.edu.

If you run a registry, and wish to be added to our email list for coordination of Internet Routing Registry issues, please send us a message at db-admin@radb.net

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|--------------------------------|-----------------------------|----------------------------|---------------------------------|
| • ALTDB | • DoDNIC | • KOREN | |
| • AOLTW | • EASYNET | • KT | |
| • APNIC | • EBIT | • LEVEL3 | |
| • ARCSTAR | • EICAT | • MTO | • RISQ |
| • AREA151 | • ENTERZONE | • NESTEGG | • ROGERS |
| • ARIN | • EPOCH | • NETRAIL | • SAVVIS |
| • BCNET | • FASTVIBE | • OPENFACE | • SINET |
| • BELL | • FGC | • OTTIX | • SOUNDINTERNET |
| • BENDTEL | • GT | • PANIX | • SPACELINK |
| • CCAIR | • GTS | • RADB | • UNIVALI |
| • CHTR | • GW | • REACH | • VERIO |
| • CSAS | • HOST | • RETINA | • WWNET |
| • DERU | • HS | • RGNET | |
| • DIGITALREALM | • JPIRR | • RIPE | |



Summary

- Clean-up work is expensive for the people returning the AS Number
- Clean-up work is expensive for the RIPE NCC
- We have ~35 referenced AS Numbers in quarantine
- People no longer tell us when they stop using an AS Number because of the clean-up work involved



Discussion

- How important are stale references in the IRR?
- Can referenced AS Numbers safely be re-assigned?

Discussion