

// DENOG13 2021

Automate RIPE DB handling with NetBox

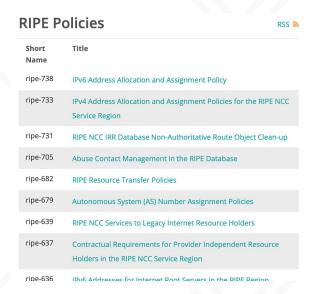
08. November 2021 | Christian Harendt

Status quo

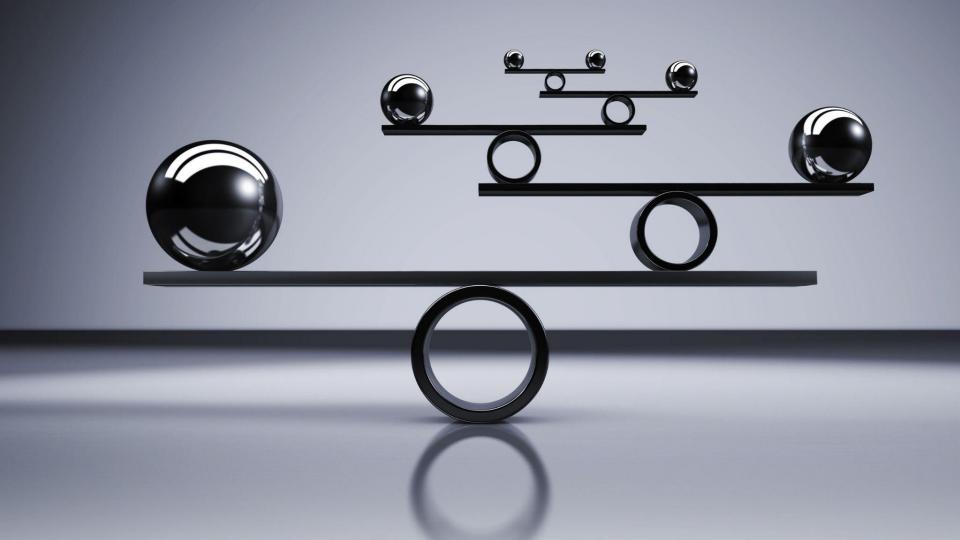


```
10.80.0.0/12
                                           100. 122. 0. 0/15
            100. 122. 0. 0/15
10.64.0.0/10 203. 0. 113. 0/27 10.0.0.0/
100. 120. 0. 0/17 192.168.184.6
                                     2001:db8:6bb1:87f1:d10a:69e:9aa3:6
0715:192:168:136:072199;
186:9:183:9:182001:db8:2aab:9800:-766*
188:6:128:0:172001:db8:a79b:31fb::/64
              203.0.113.220/312001: db8: 6406: cd00: : /56172
2001. dbs. 198c. tbr1.1 [64 200 | tbs. 200
```

Many prefixes, you are responsible for



RIPE policies to comply with









Current situation

manually.....

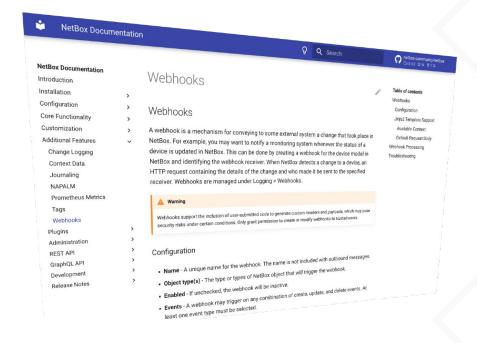
updating.....

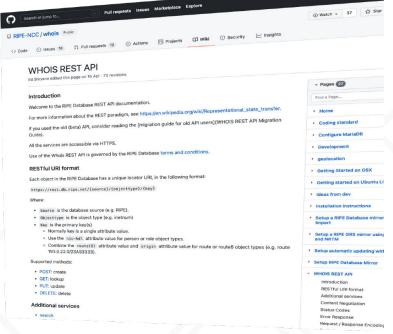
inetnum.....

objects...

But wait, there is an api for that...







...that is insufficient.



NetBox

prefix: 198.51.100.0/25

tenant: cust1

aggregate: 198.51.100.0/24

. . .

RIPE DB

inetnum: 198.51.100.0 -

198.51.100.127

netname: X?

desc: X?

admin-c: X?

tech-c: X?

. . .





Requirements





NetBox

Version 2.4.0 or later Add some custom fields



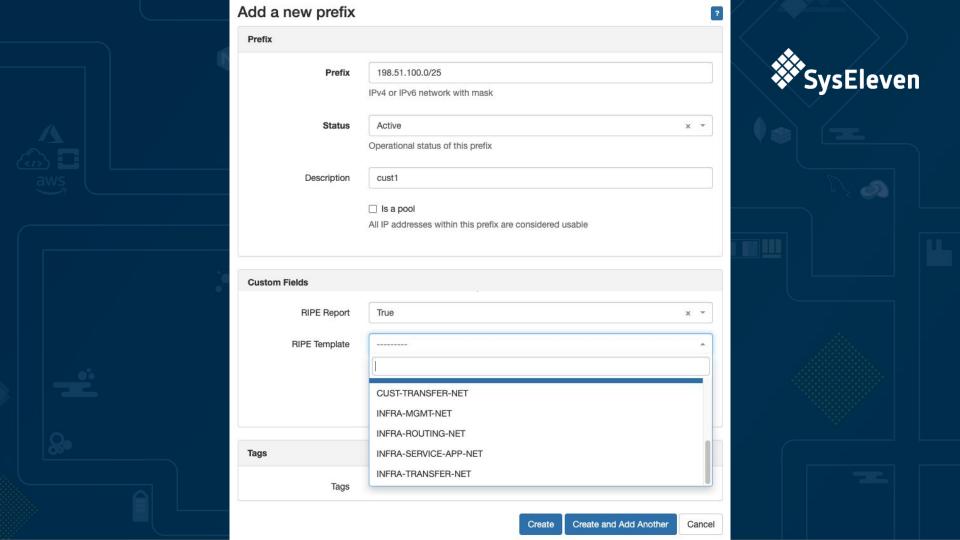
RIPE Database

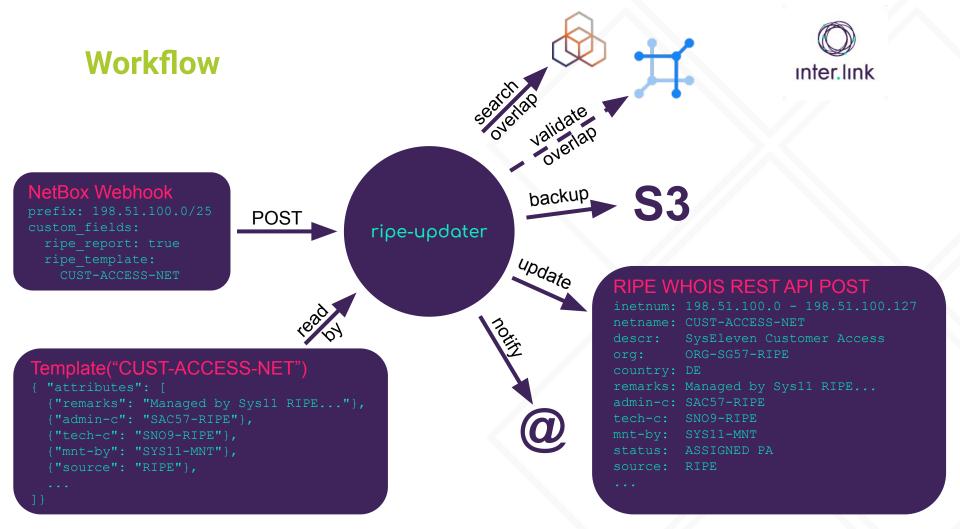
Access with maintainer password Wishlist: @RIPE api token access would be nice:)



Platform

Able to run docker-container









With ripe-updater

- Database is always updated
- Consistent objects
- Batch processing of all your prefixes is no problem

Release





Stay tuned and watch

https://github.com/interdotlink/ripe-updater



Thank you for your attention!

and keep your RIPE DB objects updated

Any questions?

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