RIPE NCC

RIPE NETWORK COORDINATION CENTER

RIPE NCC DNS Update

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Retiring ns.ripe.net

Summary

- Proposed in May 2024 in a RIPE Labs article

- https://labs.ripe.net/author/anandb/retiring-nsripenet/

- Discussion on the DNS WG mailing list, and presentation at RIPE 88

- Community supported the proposal

- Implementation started in June 2024, and is ongoing

Retiring ns.ripe.net

Process

- 18 June 2024 - RIPE NCC no longer accepts new delegations with this name server

- 19 June 2024 - emails sent to users, with relevant information
  - Emails sent to zone-c, tech-c and admin-c

- Most users are able to do updates without our help

- A small number of tickets came in, and were resolved easily

- We keep sending reminders at the start of each month

Retiring ns.ripe.net - progress

Retiring ns.ripe.net
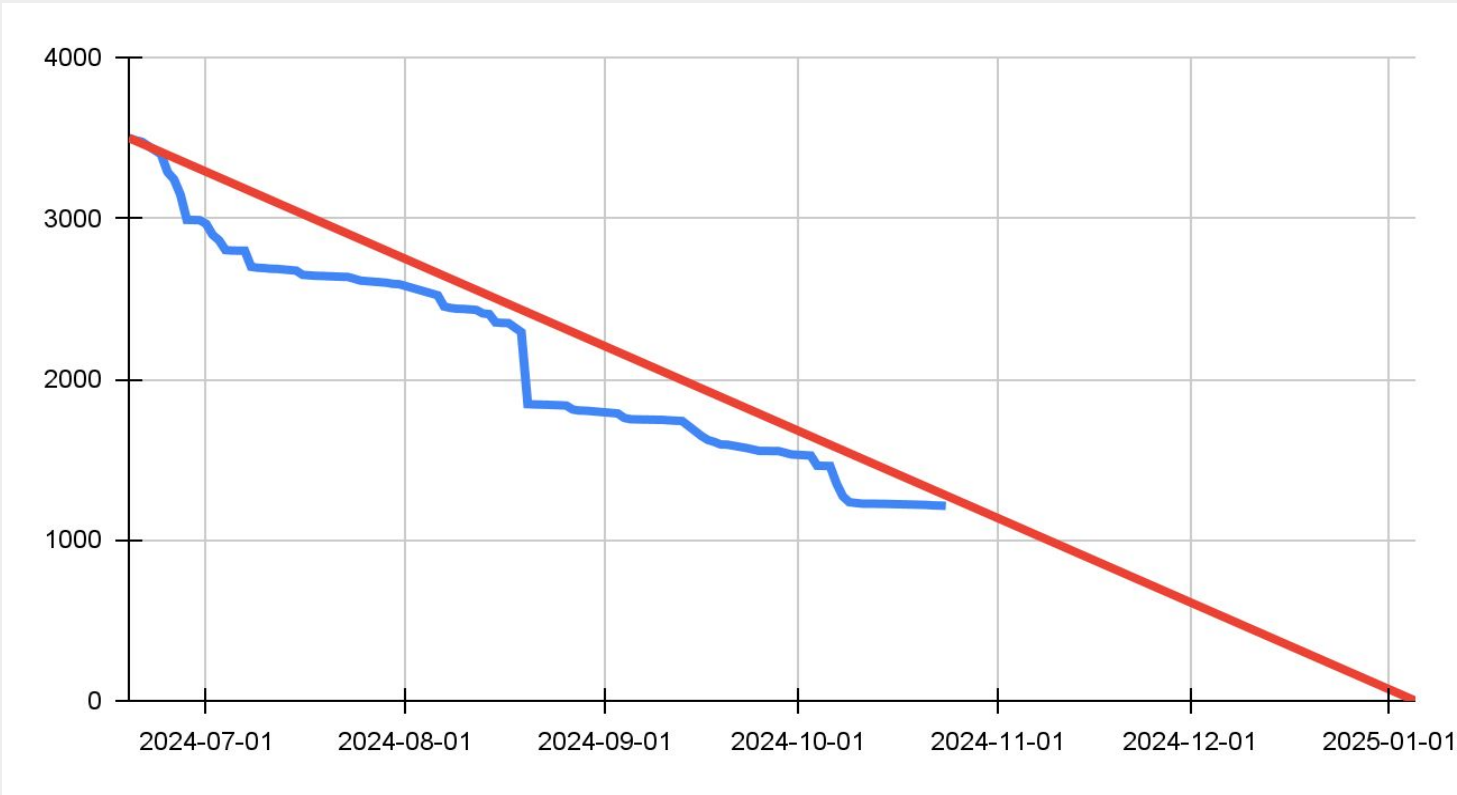
Stragglers

- Initially, emails did not always reach the right people
    - From October, we began emailing contacts in the matching address space
    - inetnum and inet6num objects

- We reached out to the bigger users by phone - effective

- Still have over 1000 domain objects to go

- Deadline is 31 December 2024

- We will update remaining objects in mid January 2025
    - Some zones will be left with just one name server
    - Not allowed by RFC 1034, but DNS resolution does work with one name server

Hosted AuthDNS and K-root

Status

- 19 instances of AuthDNS

- 120 instances of K-root

- There is quite a lot of redundancy and resiliency in the K-root service

- We are seeking hosts for AuthDNS

- https://hosted-dns.ripe.net/

- Requirements
  - Server (Dell or virtual)
  - 32 GB RAM, 500 GB disk
  - 2 network interfaces and out-of-band access

THANK YOU!

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Questions & Comments ?

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