

# Managing your 'historical' IPv4 addresses

APRICOT 2022

#apricot2022

**APRICOT 2022**  
APNIC 53



# Overview

- Background
- Challenges
- EC resolution
- Next steps



# Background

- Pre-RIR delegations
  - Resources distributed by InterNIC, AUNIC ...
- No formal agreement between registry and organizations
- No policies
- Limited registration



# Challenges

- Registration data quality
  - Inaccurate, outdated registration
  - Lack of registration
  - Difficult to establish custodianship
- In the past unprotected
  - ‘Stealing’ past unprotected records
  - Unauthorized usage of address space
  - Hijacking by spammers and hackers



# prop-018: Protecting historical records

- All historical resources protected by APNIC-HM maintainer
- Historical custodians had to sign up as Non-Members (AUD 200 'Historical Resource Maintenance')
- Access to basic Registration Services
  - MyAPNIC
  - Whois/IRR
  - in-addr.arpa
- **No RPKI Service**



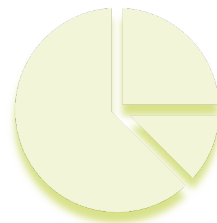
# EC resolutions

- From 1 May 2021, RPKI access to be made available for all historical resources held under APNIC accounts
- Historical resource holders in AP region need to become Members or Non-Members by **1 January 2023** to continue to receive registry services. Failing this:
  - Historical resource registration will no longer be published in the APNIC Whois Database
  - Resources will be placed into reserved status



# Benefits of Membership

- Share costs of running the registry
  - in-addr.arpa
  - Whois database
- Routing security
  - Access to RPKI
  - Cost carried by APNIC Members
- APNIC Academy
- Technical Assistance Platform



# Next steps

- APNIC will try to contact custodians of historical IPv4 address space
  - Number of prefixes: 3,771
  - Number of custodians: 3,569
  - Total size of address space: 7.2M
- Contact your friendly APNIC Helpdesk!
  - <https://help.apnic.net/s/contactsupport>





The logo features a stylized apricot fruit with a green leaf, rendered in a light green color, positioned behind the main text.

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