

# Historical Resources Management

Prop-147-v004

APNIC55



@JordiPalet (jordi.palet@theipv6company.com)

# Problem Statement

- Section 4.2.1 is outdated and only looking for very old non-routed resources.
- The recent EC resolution (22nd February 2022), imply that historical resource holders in the APNIC region would need to become Members or Non-Members by 1st January 2023 in order to receive registration services. Failing this, historical resource registration will no longer be published in the APNIC Whois Database and said resources will be placed into reserved status.
- Per current policies, all current and historical resources that are marked as reserved are automatically added to the AS0.
- Given the continued need for IPv4 addresses, it would seem illogical to keep these unused historical resources in reserve indefinitely. Alternatively, these resources can be used in a way that is sufficiently justified in accordance with existing policies, allowing other organizations to benefit from them during the IPv6 transition.

# Objective of Policy Change

- Ensure that historical IPv4 resources are justified and claimed, or that they are available for other organizations that require them.
- If the resources are marked as reserved, the original holders may reclaim them with a valid justification, when APNIC failed to contact them for whatever reason.
- One example of a valid justification is the case where an organization is actually using them internally and there are valid reasons to instead use RFC1918 space, however the space is not routed.
- To give the original resource holders more time to reclaim them, and ensure that APNIC has no challenges in finalizing the work, we propose a time-frame of 12 months.

# Situation in Other Regions

- In several of the other RIRs legacy resources lose their legacy status when the RSA is signed (upon receiving other resources), so they become under the regular monitoring. In other cases, there is nothing specified by policies.

# Proposed Policy Solution (1)

**(remove)**

## **4.2.1. Recovery of unused historical resources**

To recover these globally un-routed resources and place them back in the free pool for re-delegation, APNIC will contact networks responsible for historical address space in the APNIC region that has not been globally routed since 1 January 1998. To recover un-routed historical AS numbers, APNIC will contact networks responsible for resources not globally used for a reasonable period of time.

# Proposed Policy Solution (2)

## 4.3. Claiming and re-delegating historical resources

Historical resources that are no longer published in the APNIC Whois Database and are placed in reserved status because of EC resolution 2021-09 of 22 February 2021 ([https://www.apnic.net/wp-content/uploads/2021/06/FINAL\\_merged\\_EC\\_meeting\\_minutes20210222\\_0304\\_public\\_final.pdf](https://www.apnic.net/wp-content/uploads/2021/06/FINAL_merged_EC_meeting_minutes20210222_0304_public_final.pdf)), can be claimed by the custodians within 12 months of the date they were marked as reserved.

After 12 months, these resources will be placed in the free pool for re-delegation.

Any historical resources marked as reserved and/or reclaimed by APNIC due to account closures will lose their “historical” status and become “current” resources for re-delegation

# Advantages of the Proposal

- Fulfilling the objective above indicated by allowing further 12 months for reclaiming the historical resources.
- Returning resources to RIR for reallocation providing additional number of IPv4 resources to be allocated in the future.

# Disadvantages of the Proposal

- None.



# Impact on Resource Holders

- None.