

APNIC 54 and 55 Policies Implementation Report and Analysis

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prop-145: Single Source for Definitions

- Version 1 reached consensus at APNIC 54 OPM and AMM
- Status - Implemented

This proposal suggested that APNIC use a single definition document to ensure that terms are used and interpreted consistently across APNIC policy documents.

These documents have also been updated as a result of this proposal implementation.

- ✓ SIG Guidelines (APNIC-128)
- ✓ APNIC guidelines for IPv6 allocation and assignment requests (APNIC-114)
- ✓ Operational policies for National Internet Registries in the APNIC region (APNIC-103)
- ✓ APNIC Definition Document (APNIC-080)

prop-147: Historical Resources Management

- Version 4 reached consensus at APNIC 55 OPM and AGM
- Status - Implemented

This proposal suggested that custodians can claim historical resources that have been marked as reserved 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.

This proposal also suggested that 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.

prop-150: ROA/whois object with Private, Reserved and Unallocated (reserved/available) Origin ASN

- Version 2 reached consensus at APNIC 55 OPM and AGM
- Status - Implemented

This proposal suggested APNIC restrict account holder's right to create ROAs with private, reserved, or unallocated ASNs.

The proposal also suggested APNIC to notify account holders if the Origin ASN in their ROA is unallocated (reserved/available), and to not automatically renew ROAs with unallocated (reserved/available) ASNs.

As a result of this implementation, the guidelines document that was published following prop-138's implementation is now unpublished and archived.

prop-151: Restricting nonhierarchical as-set

- Version 1 reached consensus at APNIC 55 OPM and AGM
- Status - Implemented

This proposal suggested to restrict APNIC account holders from creating a non-hierarchical as-set and notify all Members who already have non-hierarchical as-set to move to a hierarchical as-set.

APNIC Internet Number Resource Policies

- Sections 2.0, 10.0, 4.3, 6.1, 10.5 and 10.6 of the document "APNIC Internet Number Resource Policies" has been updated, to implement these policy proposals
- Obsoleted APNIC-127 version 012
- Current APNIC-127 is version 013
 - Updated on 20th July 2023
 - <https://www.apnic.net/community/policy/resources>
- Archives
 - <https://www.apnic.net/community/policy/current/change-log/>

Policy analysis

IPv4 reserved address space - RIRs

RIR	IXP	Experimental	Critical Infrastructure	Other
AfriNIC	Two /16s	-	-	/12 ³
APNIC	-	/21	-	-
ARIN	/15 ¹	-	/15 ¹	/10 ²
LACNIC	/15	-	/15	-
RIPE NCC	/15 ⁴	/13 ⁵	-	-

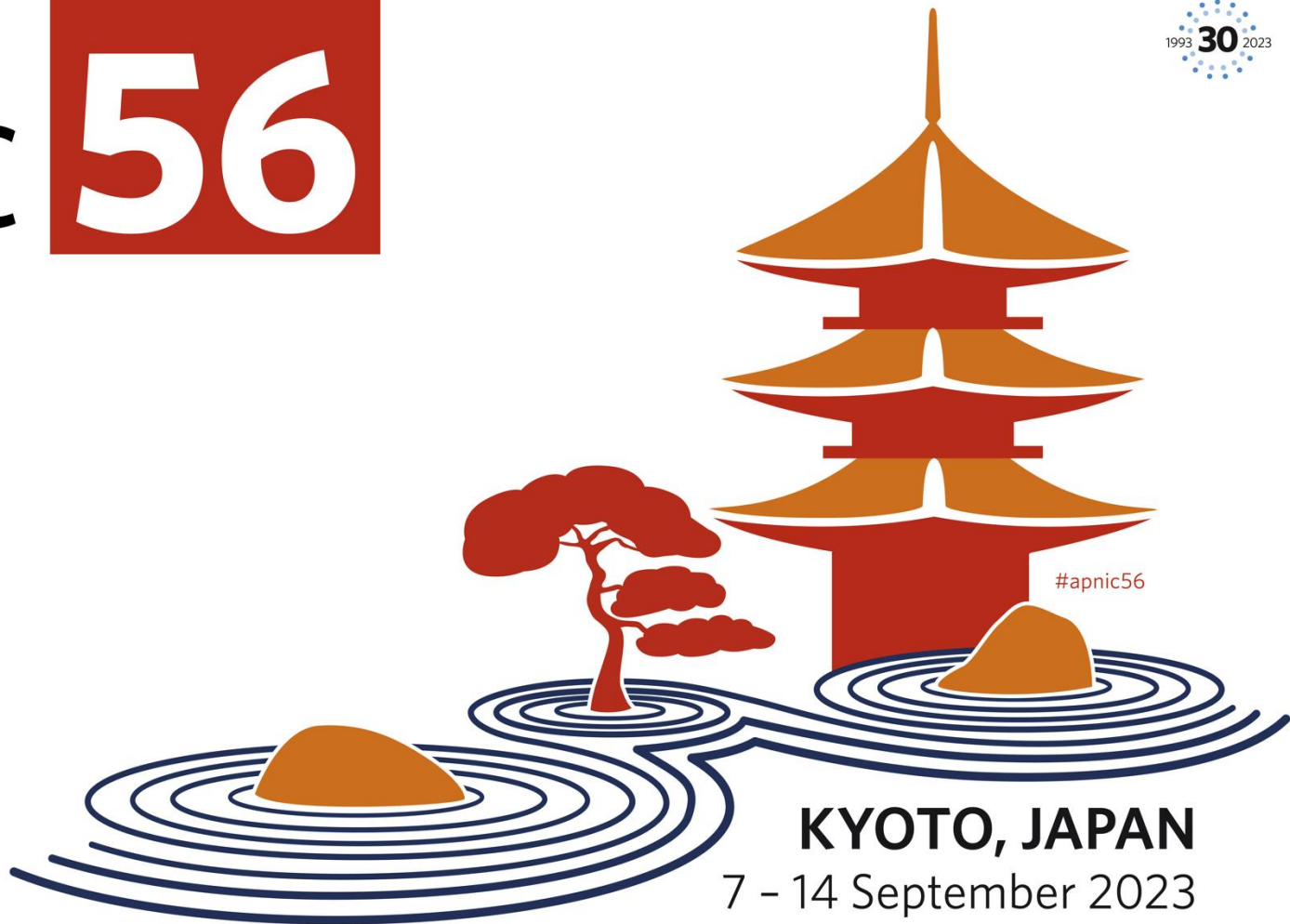
1. ARIN reserved a single /15 for both IXP and Critical Infrastructure.
2. ARIN also reserved a contiguous /10 IPv4 block to facilitate IPv6 deployment.
3. AFRINIC also reserved a contiguous /12 IPv4 block for future uses .
4. The IXP Pool is actually larger than /15, because it includes the returned PI space that was assigned to IXPs before the /15 reservation was made.
5. This /13 Pool is reserved for Temporary assignments (Examples of specific purposes include, but are not limited to, academic research and experimental purposes, conferences and other types of events which require network connectivity for short periods of time, and other strictly time-limited projects such as deployment tests for new Internet services and technologies).

Thank you!

- Proposal authors
- Community members
- SIG Chairs
 - For active contribution and participation in the APNIC Policy Development Process (PDP)
 - Continuously improving or suggesting new policies that works for this community.

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