1. Policy Proposal Title:

Special IPv4 Allocations/Assignments Reserved for New Members

1.a Id:

LAC-2008-04

1.b Version:

2.0

1.c Global/LACNIC:

LACNIC

2. Summary:

3. Submission Date:

24 April, 2008

4. Author Information:

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Organization:

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5. Rationale:

To maintain a minimum reserve of IPv4 address space at LACNIC to allow the entry of new operators/ISPs when the possibility of allocating or assignining IPv4 address space no longer exists.

6. Policy text, including current version in case of modification

When IANA's pool of IPv4 addresses is exhausted or when the remaining available space cannot be allocated to the RIRs and LACNIC has in its custody the equivalent of a /12, LACNIC will begin to apply the following criteria for allocating and assigning IPv4 addresses:

1 - Only allocations larger than or equal to a /24 and smaller than or equal to a /22 will be made.

2 - No allocations will be made to organizations that already have IPv4 addresses allocated by LACNIC or by the organizations that preceded LACNIC in the region currently serviced by LACNIC.

3 - /22s will only be allocated to new ISPs that have not been allocated IPv4 addresses by LACNIC or by their upstream providers, and that can prove the need for at least a /24 during the following 12 months.

4 - /24s will be assigned to critical infrastructure with no other requirement than that of being critical infrastructure in accordance with the definitions contained in LACNIC's policies. These organizations may receive up to a /22 if they can prove their need during the following 12 months.

5 - Those organizations that receive IPv4 addresses from LACNIC under the conditions established in items 3 and 4 of the present policy will not be allowed to receive future IPv4 allocations or assignments from LACNIC.

Additional Information:
Once IPv4 addresses are exhausted, existing operators will have to optimize the use of their current addresses and implement IPv4 - IPv6 double stack or similar technologies.

The object of the policy is to use the final portion of the IPv4 address pool remaining at LACNIC for making allocations to new ISPs so that these new operators will have small IPv4 address blocks that will allow them to implement double stack or similar technologies.

7. Additional information

Timetable:

Working Group:

Prior Related Policies:

Changelog:

References: