

AUTHOR DATA:

Name: Gustavo Lozano
eMail: glozano@nic.mx
Organization: NIC Mexico

PROPOSAL DATA:

Policy Proposal Title: Allocations/Assignments for Gradual IPv4 Resource Exhaustion

Policy Proposal Type: LACNIC

Id: LAC-2011-06

Version: 3

PROPOSAL SUMMARY:

To establish a /22 as the maximum allocation/assignment from a special reserve for the gradual exhaustion of IPv4 resources in the LACNIC region.

RATIONALE:

This proposal specifies rules for assigning from a special reserve for the gradual exhaustion of IPv4 resources.

The proposal allows better planning on the part of ISPs, as it will allow a gradual exhaustion of IPv4 resources within the region.

The proposal creates the possibility for organizations within the region to obtain at least a final /22. In most cases a /22 will not cover their needs but it will, however, transmit a very important message: we are nearing the end and can therefore only give you a small block; it will not cover your needs but it may help you deploy IPv6.

PROPOSAL TEXT:

1. LACNIC will create a reserve equivalent to a /12 block of IPv4 addresses for the purpose of achieving gradual exhaustion of IPv4 resources within the LACNIC region.

2. LACNIC may only make IPv4 allocations or assignments greater than or equal to a /24 and smaller than or equal to /22 from this reserve pool.
3. LACNIC will only allocate or assign resources from this reserve after approval of the first IPv4 address request that cannot be satisfied in full due to lack of IPv4 resources in the LACNIC region.
4. Once this policy comes into force, IPv4 resource applications smaller than a /22 that are pending approval may only receive a /22.
5. Organizations that receive IPv4 resources under the terms set forth in the following policy may receive additional IPv4 resources from LACNIC six months later, provided that they generate a new request that justifies the need for additional IPv4 resources according to the IPv4 address allocation or assignment policies in force.
6. Those organizations that receive IPv4 resources from LACNIC under the terms set forth in the following policy may not receive future IPv4 resource allocations or assignments from LACNIC for a period of 6 months.
7. Blocks received under this policy may not be transferred as specified in paragraph 2.3.2.18 of the policy manual for a period of one year. The same applies to its sub-blocks, i.e. blocks consisting of a subset of the IPv4 addresses contained in the block.
8. This proposal does not replace Section 11.1 of the Policy Manual. The reserve created under section 11.1 is independent from the reserve created under this proposal.

ADDITIONAL INFORMATION

Timetable:

Working Group:

Related Previous Proposals:

References:

Changelog: Reduction from a /8 to a /12.