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PROPOSAL DATA:

Policy Proposal Title: Eliminating Requirement for Initial IPv4 End-User Requests

Policy Proposal Type: LACNIC

Id: LAC-2012-12

Version: 1

Proposal Summary:

This proposal seeks to unify subsection 2.3.3.4.3 of LACNIC's Policy Manual, specifically the part where initial assignments to multihomed end users and end users with interconnection needs are discussed. The new text modifies and clarifies this subsection, and eliminates the qualification criteria based on allocations(s) made by existing ISP(s) equivalent to a /25.

Rationale:

Currently, subsection 2.3.3.4.3 – which refers to how applicant status affects the evaluation of applications for initial allocations to end users – imposes an unnecessary requirement.

For example, consider a multihomed end user requiring a /24. According to subsection 2.3.3.4.2, this user should be using at least 25% of the requested address space, i.e., 64 IP addresses. On the other hand, subsection 2.3.3.4.3 requires that this end user must have already received a /25 (128 IP addresses) from its Internet service providers.

Proposal Text:

2.3.3.4.3. Applicant Status.

If the applicant is a multi-homed end user or can prove interconnection needs with other autonomous systems:

The size of the minimum IPv4 address allocation to a multihomed end user is a /24, while the maximum is a /21. In order to qualify for a block, the applicant must also satisfy the following requirements:

1. If the user is not yet multi-homed but is planning to become multi-homed within a six-month window, or if the user is planning to establish interconnections with other autonomous systems during this window, a detailed justification must be presented.

2. Justify the requested block size according to the utilization rate (section 2.3.3.4.2).

3. Agree to renumber all blocks assigned by other ISPs within three months and return them to their original ISPs.

Requests for blocks larger than a /21 must also comply with the additional requirements established for non-multihomed end-users as described below.

If the applicant is a non-multihomed end user:

The minimum size of IPv4 assignments to a non-multihomed end-user is a /20 block. If their addressing needs are lower than a /20, end users will need to contact their ISPs in order to obtain addresses.

In order to assign a /20 to an end user, the following requirements must also be met:

1. Have received a minimum assignment of 8 /24 prefixes from its Internet Service Provider.
2. Agree to renumber out of the previously assigned space within a period of 12 months and return it to its original provider. This requirement is mandatory for obtaining the requested /20 prefix. The assigned /20 prefix must be used to renumber out of the addressing previously assigned by its provider.

Additional assignments shall follow the policies set forth in Section 2.3.4 applicable to end users.

ADDITIONAL INFORMATION:

Timetable: Immediate implementation

Related Previous Proposals: LAC-2011-09