

**AUTHOR DATA:**

**Name:** Pedro Rodrigues Torres Jr

**Organization:** Universidade Federal do Parana e Rede Nacional de Ensino e Pesquisa/PoP-PR

**PROPOSAL DATA:**

**Policy Proposal Title:** Elimination of technical restrictions on IPv6 prefix de-aggregation

**Policy Proposal Type:** LACNIC

**Id (if exists):** LAC-2011-01

**Version:**

**PROPOSAL SUMMARY:** In order to maintain LACNIC policy consistency, this proposal seeks to eliminate the "technical restrictions" on the de-aggregation of IPv6 prefixes assigned by LACNIC.

**RATIONALE:**

The approval of the proposed modification to LAC-2007-01 caused two items of LACNIC's Policy Manual to be modified: 4.5.1.1 and 4.5.1.2. Although these sections were not included in the proposal that was approved, LACNIC staff prepared a new text called "Amendments to the text regarding LAC-2007-01" which was presented on the public mailing list and, as there were no objections, was used to produce version 1.4 of the Manual.

Regretfully, these changes were not reflected throughout the Policy Manual, and there are still two sections that contain technical restrictions to the de-aggregation of an IPv6 prefix. These are 4.5.4.1 and 4.5.4.2. The proposed text seeks to remove the technical restrictions from these sections, as was the case with sections 4.5.1.1 and 4.5.1.2, thus maintaining consistency throughout the Policy Manual.

**PROPOSAL TEXT:**

4.5.4.2. Direct assignment of portable IPv6 addresses to End sites not having portable IPv4 addresses previously assigned by LACNIC

LACNIC will assign portable IPv6 address blocks directly to End Sites that satisfy the following requirements:

- a. Not be an LIR or ISP.
- b. In case of announcing the assignment on the Internet inter-domain routing system, the receiving organization shall announce the block maintaining de-aggregation to a minimum in accordance with the announcing organization's needs.
- c. Provide detailed information showing how the requested block will be used within the following three, six and twelve months.
- d. Submit addressing plans for at least a year, and host numbers on each subnet.
- e. Submit a detailed description of the network topology.
- f. Prepare a detailed description of the network routing plans, including the routing protocols to be used as well as any existing limitations.

Assignments will be made in blocks smaller than or equal to a /32 but always greater than or equal to a /48. Where possible, subsequent allocations will be made from an adjacent address block, but only if duly documented and justified.