

AUTORES

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DATOS DE LA PROPUESTA

Título de la Propuesta: Reserva de direcciones IPv4 para infraestructura considerada crítica o esencial para la operación de Internet en la región.

Tipo: LACNIC

Id: LAC-2016-2

Versión: 4

RESUMEN DE LA PROPUESTA

This proposal seeks to create an IPv4 reserve pool equivalent to a /15 that will survive the termination of the reserves for IPv4 exhaustion. This reserve pool would be used to satisfy requests for addresses that will be used to deploy infrastructure considered critical or essential for the operation of the Internet in the region once the space reserved for Phase 3 is exhausted. The space for the new reserve will be set aside once the proposal reaches consensus and is ratified by the Board.

JUSTIFICACIÓN

In the LACNIC region, IPv4 exhaustion has led to the division of the remaining IPv4 address space into blocks that will be used in the various phases defined under the IPv4 Exhaustion Plan. During Phase 2, IPv4 addresses may be assigned to existing members as well as to new entrants. During Phase 3, only new entrants will be eligible to receive IPv4 addresses.

This proposal seeks to create a reserve that will survive IPv4 exhaustion phases, and its intention is to make it easier to assign addresses for the deployment of critical infrastructure once there is no more available space.

TEXTO ACTUAL:

=== Modify section 2.3.3.2 of the Policy Manual as follows:

Modify the first paragraph, which currently reads:

Micro-assignment is the name given to those assignments that involve prefixes longer than /20 but shorter than or equal to /24.

Proposed text:

Micro-assignment is the name given to those assignments that involve prefixes longer than /22 but shorter than or equal to /24.

=== Create section 2.3.5 in the LACNIC Policy Manual, with the following text:

2.3.5. Special IPv4 reserve pool for critical Internet infrastructure in the region.

1. This reserve will be used once the address space for Phase 3 of the regional IPv4 Exhaustion Plan runs out.

2. LACNIC will create an IPv4 reserve equivalent to a /15 to facilitate the deployment of infrastructure considered to be critical or essential for the operation of the Internet in the region, where critical infrastructure has the meaning defined in section 2.3.3.2 of the Policy Manual.

3. Address requests for critical infrastructure may be submitted at any time.

4. Assignments from this reserve will be limited to the following sizes:

minimum assignment size: /24

maximum assignment size: /22

5. The size of these assignments will be subject to verification of use and an analysis by LACNIC or by the corresponding NIR.

6. Once they are no longer needed for the purpose for which they were originally requested, the addresses assigned under this section must be returned to LACNIC or to the corresponding NIR.

7. Addresses assigned from this reserve may not be used for a purpose other than that which generated the request. Failure to comply with the above will result in revocation of the assignment and the subsequent return of the addresses to LACNIC or to the corresponding NIR.

TEXTO NUEVO:

=== Modify section 2.3.3.2 of the Policy Manual as follows:

Modify the first paragraph, which currently reads:

Micro-assignment is the name given to those assignments that involve prefixes longer than /20 but shorter than or equal to /24.

Proposed text:

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INFORMACIÓN ADICIONAL

Implementing this proposal requires taking the space needed to create this new reserve pool from the space to be used during Phase 3 of the of IPv4 Exhaustion Plan.

To guarantee its existence, the new reserve must be created immediately after the proposal reaches consensus and is ratified by the Board.

TIEMPO DE IMPLEMENTACION

Immediate implementation after the proposal is approved and ratified.

REFERENCIAS

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