LAC-2007-07 Global Policy for the allocation of the remaining IPv4 address space in the Regional Internet Registry system
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(Proposal)

Policy Statement:

This policy describes the process for the allocation of the remaining IPv4 space from IANA to the RIRs. When a minimum amount of available space is reached, an identical number of IPv4 allocation units (/8s) will be allocated from IANA to each RIR, replacing the current IPv4 allocation policy.

In order to fulfill the requirements of this policy, at the time of its adoption, an identical number of IPv4 allocation units (N units) will be reserved by IANA for each RIR. The number N is defined as: 5. The reserved allocation units will no longer be part of the available space at IANA pool. The process for the allocation of the remaining IPv4 space is divided in two consecutives phases:

1. Existing Policy Phase:

During this phase IANA will continue allocating IPv4 addresses to the RIRs using the existing allocation policy. This phase will continue until a request for IPv4 address space from any RIR to IANA cannot be fulfilled with the remaining IPv4 space available in the IANA pool.

This will be the last IPv4 address space request that IANA will accept from any RIR. At this point the next phase of the process will be activated.

2. Exhaustion Phase:

IANA will automatically allocate the reserved IPv4 allocation units to each RIR (N units to each one) and respond to the last request with the remaining available allocation units at IANA pool (M units).

2.1. Size of the final IPv4 allocations:

During this phase IANA will automatically allocate N allocation units to each RIR from the reserved space defined in this policy. IANA will also allocate M allocation units to the RIR that submitted the last request for IPv4 addresses.

2.2. Allocation of the remaining IPv4 Address space:

After the completion of the evaluation of the final request for IPv4 addresses, IANA must:

1. Immediately notify the NRO about the activation of the second phase of this policy.

2. Proceed to allocate M allocation units to the RIR that submitted the last request for IPv4 address space.

3. Proceed to allocate N allocation units to each RIR from the reserved space.