



**AFRINIC**  
The Internet Numbers Registry for Africa



# Policy Implementation Experience Report

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## Purpose

Provide feedback to the members and Community regarding:

- Recently Ratified policies and status
- Ratified policies, recently implemented
- Experiences faced by hostmasters while handling requests governed by currently implemented policies
- Sections of the Consolidated Policy Manual that are ambiguous or lacking clarity

## Recently Ratified Policies

### **AFPUB-2018-V6-004-DRAFT01 - IPv6 PI Update**

- Incorporated in the Consolidated Policy Manual version 1.3:  
<https://www.afrinic.net/policy/manual#IPv6>
- Status : Ratified - under Implementation

## Recently Ratified Policies

**AFPUB-2018-v6-002-DRAFT03 (Clarification on IPv6  
Sub-Assignments v3)**

- **Status : Ratified - pending Implementation**

## **Ratified and Implemented**

**AFPUB-2017-DNS-001-DRAFT-02 - Lame Delegation in  
AFRINIC DNS V2**

**CPM: <https://www.afrinic.net/policy/manual#lame>**

**Implemented: 28th September 2018**

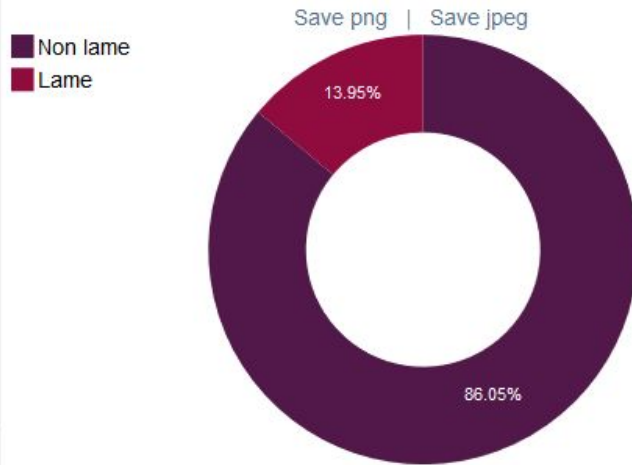
**Lame Checker Tool: <https://afrinic.net/whois/lame>**

**Member support ongoing([hostmaster@afrinic.net](mailto:hostmaster@afrinic.net))**

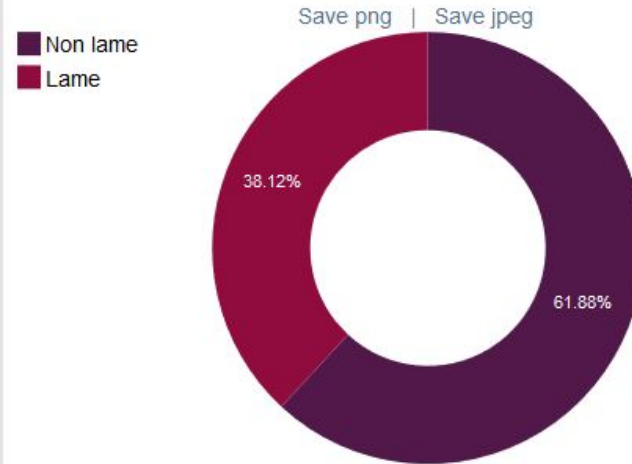
**NOTE: Deletion not started.**

# Lame Delegation Statistics

Percentage of Lame delegations



Percentage of members with lame delegations



AIS18 stats: 19613 impacting 530 resource members

AIS19 stats: 14318 impacting 462 resource members

# Experiences Faced by Hostmasters

**5.4.6.1** In order to receive IPv4 allocations or assignments during the Exhaustion Phase, the LIR or End User must have used at least 90% of all previous allocations or assignments (including those made during both the Current Phase and the Exhaustion Phase).

**5.5.1.4.1** An LIR may receive an additional allocation when about 80% of all the address space currently allocated to it has been used in valid assignments and/or sub-allocations. A new allocation can also be made if single assignment or sub-allocation requires more addresses than those currently held by the LIR.

## **5.6.3 Additional PI Assignment**

Utilization rate of address space is a key factor in justifying a new assignment of IP address space. Requestors must show exactly how previous address assignments have been utilized and must provide appropriate details to verify their one-year growth projection. The basic criteria that must be met are:

- a. A 25% immediate utilization rate, and
- b. A 50% utilization rate within one year.

## Experiences Faced by Hostmasters

Ambiguous as members may consider **5.5.1.4.1 & 5.6.3** as **valid**

**AFRINIC Interpretation** - **5.4.6.1** supercedes these sections.

**AFRINIC's action** - Educate member as to which policy section in CPM that shall be used to evaluate the resource request

**Request to the community** - Can CPM be updated to remove the sections regarding IPv4 that are obsolete?

## Experiences Faced by Hostmasters

**5.4.6.1** In order to receive IPv4 allocations or assignments during the Exhaustion Phase, the LIR or End User must have used at least **90% of all previous allocations or assignments** (including those made during both the Current Phase and the Exhaustion Phase).

**Challenge:** Request for additional /24 IPv4 from an EU member for a Data centre redundancy. Current usage sums up to less than 90%. As per current soft-landing policy, the member is not eligible for additional resources, thus will not be able to setup the second Data centre

## Experiences Faced by Hostmasters

**CPM 5.7.1** only allows IPv4 transfers for InterRIR transfers  
**Challenge for Members** who wish to transfer ASN and/or IPv6 as well.

Mergers and Acquisitions accepts the transfer of all resource types based on the existing guidelines(non-policy)

**Request to the community - Should the policy be updated to cater for all transfers, also Mergers & Acquisition**

## Experiences Faced by Hostmasters

**CPM Section 5.1.13.3.1** The LIR cannot make any sub-allocation to the end-user above their SAW in a 12 months period (1 year). At the end of a calendar year from the approval of a SAW, the SAW is refreshed for one more year. In case the LIR's SAW is exhausted for a particular end-user, approval must be sought from AFRINIC for any other sub-allocation to the same end-user.

**Note to the community** - the soft landing policy has reduced the projected needs to 8 months. This 12 months period shall be maintained as long as there is no policy change

## Experiences Faced by Hostmasters

**CPM Section 5.5.1.2.1** AFRINIC's minimum allocation is /22 or 1024 IPv4 addresses.

**CPM Section 5.4.3.2 Exhaustion Phase 2** During this phase, a minimum allocation/assignment size will be /24, and the maximum will be /22 per allocation/assignment.

**Note to the community** - LIR minimum allocation in Phase 2 of Soft-Landing shall be updated to /24 IPv4

Thank you for  
your Attention

Questions?



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