



AFRINIC
The Internet Numbers Registry for Africa



Policy Implementation Experience Report

Keessun Fokeerah
Registration Services Team
AIS 19 | June 2019

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

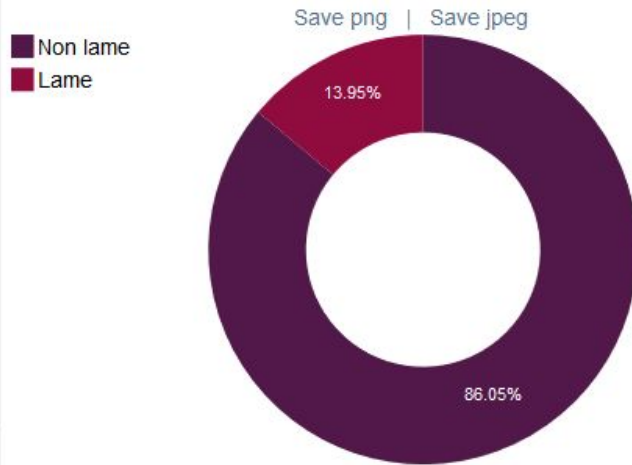
Lame Checker Tool: <https://afrinic.net/whois/lame>

Member support ongoing(hostmaster@afrinic.net)

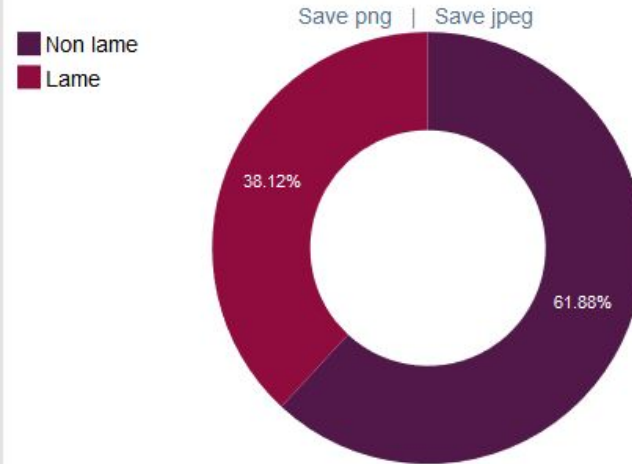
NOTE: Deletion not started.

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?



twitter.com/afrinic



[flickr.com/afrinic](https://www.flickr.com/afrinic)



facebook.com/afrinic



linkedin.com/company/afrinic



youtube.com/afrinic media



www.afrinic.net