

IPv6 Address Allocation and Assignment Policy

AfriNIC Policy Proposal afpol-v?????

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Summary

- Often, some organizations need to make internal assignments. Their networks may be made up of a number of sites that each has their own L2 infrastructure.
- It is an alternative solution to the existing proposals around IPv6 Provider Independent (PI) assignments.

Initial allocation criteria

- a) be an LIR;
- b) not be an end site;
- ~~not be an end site;~~
- c) show a detailed plan to provide IPv6 connectivity to organizations in the AfriNIC region.
 - show a detailed plan to provide IPv6 connectivity to organizations in the AfriNIC region. The organizations may be other organizations, but also own/related departments/entities/sites;
- d) show a reasonable plan for making /48 IPv6 assignments to end sites in the AfriNIC region within twelve months. The LIR should also plan to announce the allocation as a single aggregated block in the inter-domain routing system within twelve months.
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Assignment of multiple /48s to a single end site

- When a single end site requires an additional /48 address block, it must request the assignment with documentation or materials that justify the request. Requests for multiple or additional /48s will be processed and reviewed (i.e., evaluation of justification) at the RIR level.
- Note: There is no experience at the present time with the assignment of multiple /48s to the same end site. Having AfriNIC review all such assignments is intended to be a temporary measure until some experience has been gained and some common policies can be developed. In addition, additional work at defining policies in this space will likely be carried out in the near future.

The Questions

1. Consider not using /48 in the text