

Changes to IPv6 policy - removal of "multiple /48" justification

ARIN Policy Proposal 2007-5

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Summary

- Delete NRPM section 6.5.4.2.:
 - 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/NIR level.
 - Note: There is no experience at the present time with the assignment of multiple /48s to the same end site. Having the RIR 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.

Policy Rationale (I)

- The current text requires the LIR to justify to the RIR/NIR when assigning multiple /48s to a single end site. It seems that the reason for this requirement is the lack of experience, which seems unreasonable after a few years this policy has been implemented, even if may not have been specific cases which used this policy section.
- What happens if instead of multiple /48s we are talking about multiple /56 ?

Policy Rationale (II)

- It seems useless, now that there is already deployment experience, to require a justification from the LIR to ARIN for assigning multiple /48s (or a shorter prefix, such as for example a /47). It is up to the LIR to require the justification to its own customers and decide according to it. The LIR will be already responsible to justify to ARIN the usage of any allocated block(s) when requesting for more, and this will already implicate an implicit justification of this kind of assignments.

Policy Rationale (III)

- With this policy change, both ARIN and LIR staff will save resources in a justification, which seems unnecessary and should be completely on the hands of the LIR itself.
- Staff assessment confirmed that there has not been yet any request for this, however for them the existing policy text is confusing and contains no criteria to be followed. My reading for this is that it is completely useless for them.