

# STAFF ASSESSMENT: IPv6 PI Clarification

<b>Proposal</b>	<b>AFPUB-2019-V6-001-DRAFT01</b>
<b>Title</b>	<b>IPv6 PI Clarification</b>
<b>Proposal URL</b>	<a href="https://www.afrinic.net/policy/2019-v6-d1#details">https://www.afrinic.net/policy/2019-v6-d1#details</a>
<b>Assessed</b>	<b>20 April 2019</b>

## 1.0 Staff Understanding of the Proposal

- a. The proposal intends to delete the text in CPM 6.8.2.v, that reads: *"The 'end-site' must show a plan to use and announce the IPv6 provider independent address space within twelve (12) months. After that period, if not announced, the assigned IPv6 PI address space should be reclaimed and returned to the free pool by AFRINIC"*. According to the author, this is because there are several possible scenarios where IPv6 PI space issued will in fact not be announced, such as IXP LAN peering space. And there being no RFC1918 address space equivalent for IPv6, if say, an organisation needs IPv6 space for numbering a network or a set of them that aren't (or won't be) connected to the Internet, AFRINIC should be able to provide that space.
- b. Clauses 6.8.2(a) and (b)(v) are also reworded to align with the deletion of the sentence above.
- c. CPM 6.8.2 b (iv) will be modified to remove the requirement for AFRINIC to reclaim any IPV6 PI space that is not announced after 12 months. The requirement for the organisation to present a plan to use the space within 12 months will be retained.
- d. CPM 6.8.2 b (v) will be re-worded to allow the possibility that IPv6 PI space will not be announced. The requirement for the space not to be de-aggregated (if it is announced) will be retained.

## 2.0 Staff Comments

The proposal mentions a lot about end sites, but these in fact refers to the organisation, not an actual site. If an organisation has many "end-sites", then only one AFRINIC membership should be required for that organisation.

## 3.0 Comments from Legal Counsel

None

## 4.0 Implementation

- 4.1 **Timeline & Impact** : Proposal will be implemented with no impact.
- 4.2 **Implementation Requirements** : Updates to internal resource evaluation process documents for IPv6 PI space.