

Proposal to modify "end site" definition and allow end sites to receive IPv6 allocations

APNIC Policy Proposal 045-v001

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Summary

- Intended to provide a solution for portable assignments required by entities which are not multihomed

Problem Description

- Some organizations need to make internal assignments, as they have a number of sites, even their own L2 infrastructure. Even with a small number of sites, they need to avoid future renumbering if they change their upstream provider or become multihomed
 - Example a large university with several campuses and faculties, never mind if they have just one or several upstream providers (even they may not have the IPv6 service, but the university could manage to get it via tunnels)
- Existing policy 035 only solve the problem for the case when there is multihoming

Situation in other RIRs

- A similar proposal has already been submitted to other regions

Definition of “end site”

- To be broadened to include a wider range of end users
 - Include end users that have a legal relationship with the service provider
- Example: The different campuses or faculties will be considered “end sites”

Initial Allocation Criteria Changes

- Allow end sites to apply for an allocation
- Expand the criteria of the type of sites an organization can provide IPv6 connectivity to include:
 - Sites within its own organizations
 - Sites at related organizations

Existing vs. Proposed IPv6 Policy

APNIC-089	Restricted to other organizations
Proposed Modification	Broadened to include end users related to the organization (legally or other means)