

Initial Request to Arbiters

The RIPE NCC has requested that it be allowed to assign an IPv6 PI (Provider Independent) block to itself for its DNS services. This address block will be used to host the in-addr.arpa and ip6.arpa zones.

The IP Resource Analysts (IPRAs) involved in the evaluation of this request were Elvis Velea and Mike Petrusa.

The RIPE NCC procedures were followed and the request passed all the checks presented.

Pre-checks:

- Anand Buddhdev sent the request. As RIPE NCC DNS Services Manager, he is authorised to make such a request.
- The request form was complete, no additional questions were asked by the IPRAs or the arbiters.
- All other details in the request form were cross-checked with the relevant RIPE policies and RIPE NCC procedures.

The main points of the evaluation were:

- An assignment of PI space is required because the RIPE NCC does not qualify for an IPv6 allocation.
- An IPv6 PI assignment is required because this network will have a unique routing policy, mainly because it will anycast two prefixes.
- The request was for a minimum size of /48.

The official opinion of the IPRAs is that this request is consistent with current RIPE policies and all other assignment/allocation guidelines.

Arbitration Panel Decision on IPv6 PI Assignment to the RIPE NCC

Based on RIPE Policy Document ripe-476, "Allocating/Assigning Resources to the RIPE NCC", the arbiters have reviewed the IPv6 PI assignment request made by the RIPE NCC and the analysis provided by the IPRA analysts.

The arbiters observe that the RIPE NCC will announce this prefix from multiple locations, thus using it to anycast the in-addr.arpa and ip6.arpa zones.

The arbiters approve the request. The decision of the arbiters is unanimous.

The list of arbiters and information on the arbitration process is available at:
<http://www.ripe.net/membership/arbitration.html>