IPv6 @

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Background

Current Initial allocation criteria

a) be an LIR;

b) not be an end site;

c) plan to provide IPv6 connectivity to organizations to which it will assign /48s, by advertising that connectivity through its single aggregated address allocation; and

d) have a plan for making at least 200 /48 assignments to other organizations within two years.
Problems with the current policy

• 200 allocations /48 in 2 years is not realistic, even for commercial ISPs, in the LACNIC region (or in other regions)

• Difficulties with certain type of providers:
  – Transit providers
  – Providers that only assign /64 or /128 to their customers.
  – NRENs
Proposal to modify the current policy

Current Initial allocation criteria

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d) have a plan for making at least 200 /48 assignments to other organizations within two years.
Proposal to modify the current policy

Current Initial allocation criteria

a) be an LIR;

b) not be an end site;
Proposal to modify the current policy

Current Initial allocation criteria

a) be an LIR;

b) not be an end site;

c) Provide a detailed plan about the services and IPv6 connectivity that will be provided to the other organizations (customers)

d) Advertise, in the intra-domain routing system, a single address block aggregating the complete IPv6 allocation obtained no later than 12 months after the allocation

e) Offer native IPv6 services to customers physically located in the LACNIC region no later than 24 months after the allocation
Benefits of the proposal

• Considers the following identified problems:
  – The goals imposed to the ISPs seem possible while requiring the adoption of IPv6
  – Is valid for other cases that were not considered in the current policy
Discussion

• General comments?
• Specific questions:
  – 12 month period for announcing the route is appropriate?
  – 24 month period to offer IPv6 native service is appropriate?