Rework of IPv6 allocation criteria

Draft Policy 2010-4

2010-4 - History

Origin (Proposal 101)	**30 October 2009**
Draft Policy	**23 February 2010**

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2010-4 – Summary
(Rework of IPv6 allocation criteria)

1. Replaces existing policy with new, relaxed criteria. ISPs and LIRs can qualify for a /32 by meeting one of the three following criteria:

   a) Have an IPv4 allocation, or

   b) Be multi-homed, or

   c) Have a plan to connect 50 customers within 5 years

2. Requests allowed for private networks

2010-4 – Status at other RIRs (Rework of IPv6 allocation criteria)

- **Draft policy is unique to ARIN region.**
- **Current policy (for a /32):**
  1. AfriNIC
  Be an LIR, and have a plan
  2. APNIC
  Be an LIR, and have plan (or be an IPv4 LIR)
  3. LACNIC
  Be an LIR/ISP, have a plan, and route the aggregate
  4. RIPE NCC
  Be an LIR, and have a plan

2010-4 – Staff Assessment

Legal: Liability Risk?	**No**
Staff Comments: Issues/Concerns? 1. Since 6.5.1.3b does not specify whether "other organizations or customers" must be external, this policy will open up allocation policy to enterprise customers (who presently receive assignments under the End-user policies). 2. The new ISP and LIR qualification criteria lower the bar to receiving a /32, which should significantly increase the number of allocations ARIN makes each year.	**Yes**
Implementation: Resource Impact?	**Minimal**

Assessment available:
- Discussion Guide
- http://lists.arin.net/pipermail/arin-ppml/2010-February/016708.html

2010-4 – PPML Discussion

- **Earlier proposal discussion**
- **13 posts by 10 People**
- **5 in favor, 0 against**
- "I support this proposal as written."
- "As it is presently impossible to multihome in IPv6 using a /44 cutout of an ISP's /32, [the] proposal… doesn't make technical sense. I decline to support or oppose [the] proposal…"
- What is a "known ISP"?

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