[prop-041] Proposal for IPv6 assignment size to critical infrastructure

Policy SIG

7 Sep 2006

APNIC 22, Kaohsiung, Taiwan

Save Vocea

Motivation

- Amend text of existing IPv6 policy document
  - Clarify policy for IPv6 portable assignments to critical infrastructure networks

Current problem

- Policy statement:
  - "The minimum assignment made under these terms is /32"

- Operators of critical infrastructure have requested multiple /32 for multiple POPs or servers providing secondary services
  - Deemed that additional /32 assignments to critical infrastructure operators not conservative

Policy in other RIRs

- AfriNIC - /48 minimum under discussion
- ARIN - /48 minimum assignment per POP
- LACNIC - /48 minimum, /32 maximum per operator
- RIPE NCC - /32 maximum allocation

Proposal

- Modify the statement to:
  - The maximum assignment made under these terms is /32 per operator
- Avoid ambiguity and ease evaluation

- Implementation:
  - Immediately after endorsement by the Executive Council

Thanks!

save@apnic.net