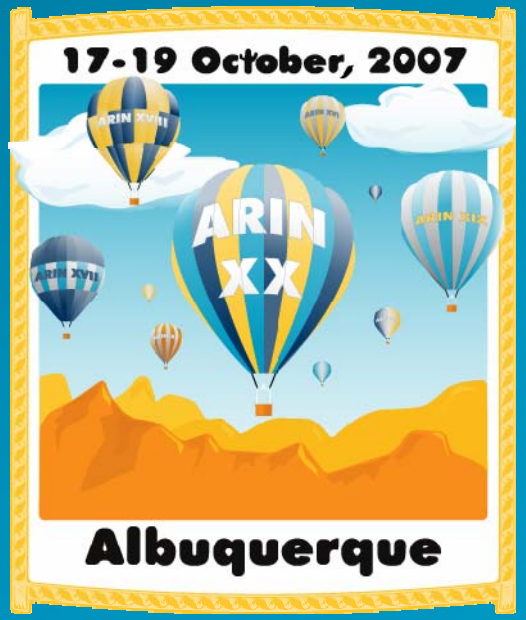
Policy Proposal 2007-16

IPv4 Soft Landing



Policy Proposal 2007-16 History

Introduced on PPML	11 MAY 07
Designated Formal Proposal	28 AUG 07
First PPM Discussion	ARIN XX
Last Revision	Not Revised

Proposal Text In Meeting Packet
http://www.arin.net/policy/2007_16.html

Policy Proposal 2007-16 Description

- The proposal "aims to provide for a defined transition away from IPv4 address space towards IPv6 address space by imposing increasingly stricter requirements for new address allocations."

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AC Shepherds

- Bill Darte
- Paul Andersen

Policy Proposal 2007-16
PPML Discussion*

Posts	People
24	10

*Prior to being a formal proposal there were about 21 posts by 12 people with 3 in favor and 1 against (from 1 JUL 07).

- 4 for, 1 against
- Comments:
  - "I support the IPv4 Soft Landing proposal. I think it strikes a good balance, not significantly impairing networks' ability to obtain IPv4 space, but at the same time encouraging/requiring adoption of IPv6 where appropriate, thereby reducing demand for remaining IPv4 space."
  - "I LIKE the idea of your policy. I don't want to see it put in, in it's current form because there are holes in it large enough to drive a truck through."

Policy Proposal 2007-16
Legal Assessment*

Liability Risk: None.

* October 2007

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Staff Comments*

1. The policy seems to apply only to the general IPv4 ISP policy. Does this policy also apply to the other ISP additional policies like multiple discreet networks (NRPM 4.5) and cable (NRPM 4.2.6)?
2. Does this policy supersede the ISP additional request policy and any other ISP additional request policies? If so, this should be clearly stated.
3. In the policy statement, the author discusses utilization rates and refers to swip and rwhois. These terms should be removed because they are not necessarily relevant to all customers (those that assign smaller than /28s or orgs that manage dynamic address pools, Voip, etc…).
4. In the policy statement, the author refers to specific fields in the template. This should be removed since template fields will change over time.
5. A general question of fairness comes up when you consider that ISP's will now be faced with much more difficulty in obtaining IP address space from ARIN while end users will feel no effect or change at all.

* October 2007

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Staff Comments (cont.)

6. Phases 0 thru 3: No comments.
7. NRPM Change – Modification in Section 4.2.4.1. Subsections would be created. The title of the section would be changed to "Utilization Requirements". We would strike the "80%" reference in 4.2.3.4.1.

Policy Proposal 2007-16 Implementation Assessment*

- Resource Impact: Moderate
- Implementation: 3 to 6 months after BoT ratification
- Implementation Requirements:
  - Significant staff training
  - Template changes
  - New Registration Services tools
  - Guidelines changes
  - Significant increase in processing time

* October 2007

ARIN
American Registry for Internet Numbers

Policy Proposal 2007-16

Presentation and Discussion