

# Policy Proposal 2007-18

**Global Policy for the  
Allocation of the  
Remaining IPv4  
Address Space  
(Global Proposal)**



# Policy Proposal 2007-18

## History

<b>Introduced on PPML</b>	<b>20 JUL 07</b>
<b>Designated Formal Proposal</b>	<b>28 AUG 07</b>
<b>First PPM Discussion</b>	<b>ARIN XX</b>
<b>Last Revision</b>	<b>Not Revised</b>

Proposal Text In Meeting Packet  
[http://www.arin.net/policy/2007\\_18.html](http://www.arin.net/policy/2007_18.html)

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## Description

- ARIN staff understands that this proposal is a global proposal. It would reserve a certain number of /8s in the IANA pool to be allocated to the RIRs when the remaining IANA /8s run out. The suggested reserve is 25 /8s, 5 per each RIR. When the IANA can not fulfill the last RIR request, they will give what they can to that RIR. The IANA will then allocate the 5 /8s to each RIR.

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### AC Shepherds

- ⇒ Matt Pounsett
- ⇒ Bill Darte

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## PPML Discussion

- Revised to N=2
- 1 for, 2 against
  - ⇒ "I OPPOSE 2007-18, in favor of 2007-23."

Posts	People
7	5

Prior to being a formal proposal there were 38 posts by 23 people, 1 in favor and 9 against

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## Legal Assessment\*

- "These two policies address the same issue, the global policy of what allocation should be made and when regarding the last unissued IPv4 slash 8's from the IANA. Based on legal considerations counsel has serious concerns about the implications of adopting 2007-18. Counsel does not have similar concerns about 2007-23.
- 2007-23 describes a policy to allocate equally the last 5 blocs of unissued slash 8's, providing one each to each of the 5 RIR's. This is a rationing mechanism to allocate the last slash 8's.
- 2007-18 describes much more aggressive policy which would allocate the last 25 such blocs equally, providing 5 each to each RIR.
- The first policy proposal, 2007-23, is more consistent with the current legal underpinnings of the RIR system, while 2007-18 substitutes a new basis of allocation, equality between RIRs, who have very different rates of utilization and need. The substitution of utilizing RIR equality instead of a utilization based allocation may have significant legal implications for ARIN.

\* October 2007

## Policy Proposal 2007-18 Legal Assessment (cont.)

- Currently, if ARIN is legally challenged about its allocation policies, and the underlying global policy, all current policies are based in need and utilization. Since the takeup rate in each RIR is very different the allocation policy proposed in 2007-18 undermines the current rationale of need and utilization based allocation, and it is inconsistent with all prior ARIN and global allocation policies.
- Adoption of 2007-18 discriminates against the ARIN service region and could reduce the amount of IPv4 resources available and instead shift these resources to other continents, with less actual need than the ARIN region. This will, in my opinion, raise fiduciary responsibility issues for ARIN's Board, and may lead to counsel cautioning the Board members regarding adoption of global policy that has an intentionally discriminatory impact against or adverse to ARIN's service region."

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## Staff Comments\*

1. The policy conflicts with the spirit of RFC 2050 in which fairness and efficiency of allocation by IANA to the RIRs is cited.
2. If additional addresses are made available to IANA at some point after the exhaustion phase is triggered, this policy would need to be revised before IANA could do anything with the addresses.
3. NRPM Change – Author did not indicate placement in the NRPM. Staff would add it to Section 10.

\* October 2007

# Policy Proposal 2007-18 Implementation Assessment\*

- **Resource Impact: Minimal**
- **Implementation: After ratification by the ICANN Board**
- **Implementation Requirements:**
  - ⇒ Guidelines Change
  - ⇒ Staff Training

\* October 2007



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## Presentation and Discussion