



**ARIN XXVI**

atlanta, ga • 6-8 october 2010

# Global Policy for IPv4 Allocations by the IANA Post Exhaustion

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Draft Policy 2010-10 (Global Proposal)

# 2010-10 - History

|                         |                          |
|-------------------------|--------------------------|
| Origin (Proposal 115)   | <b>11 June 2010</b>      |
| Draft Policy            | <b>20 July 2010</b>      |
| Revised/Current Version | <b>20 September 2010</b> |

## **AC Shepherds:**

Bill Darte

Owen DeLong

# 2010-10 – Summary

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- Global proposal (needs ICANN Board ratification)
- Establishes an IANA reclamation pool for IPv4 address space (comprised of any eligible IPv4 address space returned to IANA).
- Address space distributed on quarterly basis to RIRs based on need.
  - Address space from this pool can not be transferred.

# 2010-10 – Status at other RIRs

## 1. **AfriNIC**

Proposal introduced August 2010

## 2. **APNIC**

Presented at APNIC 30, returned to the list for further discussion

## 3. **LACNIC**

Proposal introduced September 2010

## 4. **RIPE NCC**

Proposal introduced August 2010

# 2010-9 – Staff Assessment

**Legal: Liability Risk? – No**

## **Staff Comments: Issues/Concerns?**

1. The proposal defines RIR exhaustion as an inventory of less than the equivalent of a single /8 and the inability to further assign address space to its customers in units equal to or larger than the smallest of any RIR's minimum allocation unit. For clarification, staff interprets this definition to mean that exhaustion occurs at the point when ARIN has less than a /8 and no /24s (per policy 2010-2) available to issue.

**Implementation: Resource Impact? - Minimal**

**Assessment available:**

- Discussion Guide
- <http://lists.arin.net/pipermail/arin-ppml/2010-July/017792.html>

# 2010-10 – PPML Discussion

- 29 posts by 9 people
- 3 in favor, 0 against
- “The no-transfer provision is essential. Without it, a region with a very liberal / non-needs-based transfer policy can potentially suck all of the remnants into their region and sell them off.”
- “Just drop the transfer restriction in my opinion. The other RIRs can choose not to return space until the transfer issue is rectified, but at least we would have enabling policy at IANA.”
- “Once demand for IPv4 addresses slacks off to a degree where you can get even a weak consensus for creating policy that returns some of them to IANA, allowing or disallowing liberalized transfers will have become a moot point.”
- “I think there is more at stake not having a global policy than the concern about what happens to a few final breadcrumbs of IPv4 or any particular RIR getting more than their share of those crumbs.”



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