/24 End User Minimum Assignment Unit

Draft Policy 2010-2

2010-2 - History

Origin (Proposal 99)	**3 August 2009**
Draft Policy	**21 January 2010**
Revised/Current Version	**2 March 2010**

AC Shepherds:
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2010-2 – Summary
(/24 End User Minimum Assignment Unit)

1. Reduces the multihomed end-user IPv4 minimum assignment from /22 to /24

2. End-users receiving less than a /22 from ARIN must renumber if they come back for additional address space

2010-2 – Status at the other RIRs (/24 End User Minimum Assignment Unit)

- Draft policy is unique to ARIN
- Current policy:
  1. **AfriNIC**
     /24 minimum
  2. **APNIC**
     No minimum
  3. **LACNIC**
     /24 minimum
  4. **RIPE NCC**
     No minimum

2010-2 – Staff Assessment

Legal: Liability Risk?	**No**
Staff Comments: Issues/Concerns? The policy text uses inconsistent terminology when it refers to prefix sizes; it says "blocks smaller than /24" and "when prefixes are assigned which are longer than /20". The terminology should be adjusted so that it uses the same terminology for cidr prefixes consistently throughout the policy.	**Yes**
Implementation: Resource Impact?	**Minimal**

Assessment available:
- Discussion Guide
- http://lists.arin.net/pipermail/arin-ppml/2010-January/016216.html

2010-2 – PPML Discussion

- **34 posts by 10 People**
- **7 in favor, 0 against**
- "If I could get a /23 or /24 I would be in heaven. We are multi-homed today behind 2 ISPs and we have to get our /24s from our ISP's ip space. That makes a lot of hoops to jump through to get another ISP to advertise a competing ISPs space."
- "[A]t least in theory this proposal -reduces- the routing table load due to small multihomed organizations."

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