



Prop-078-V002: IPv6 deployment criteria for IPv4 final /8 delegations

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- ④ The proposal supplements the final /8 policy by requiring applicants to demonstrate IPv6 deployment needs or a transition plan

- ④ The final /8 policy has the objective of assisting account holders to participate in the IPv4 Internet while they deploy services using the IPv6 Internet
- ④ The Current "final /8" policy provides one single /22 allocation to each LIR, does not specifically require account holders to demonstrate IPv6 deployment needs or a transition plan.

- ④ **ARIN** has **adopted** a similar policy:
2008-5: Dedicated IPv4 block to facilitate IPv6
Deployment
- ④ **RIPE** has similar policy proposal **under discussion**:
2009-04: IPv4 Allocation and Assignments to Facilitate
IPv6 Deployment
- ④ **AfriNIC** has a similar policy proposal **under discussion**:
AFPUB-2009-v4-003: IPv4 Soft Landing Policy
- ④ **LACNIC** currently have no similar policies or proposals

- ④ It is proposed that to receive IPv4 addresses under the final /8 policy, account holders must meet the following **additional criteria**:
 1. **Must demonstrate either**:
 - i. an IPv6 transition plan, **OR**
 - ii. IPv6 deployment needs, especially the needs for IPv6 to IPv4 internetworking.
 2. **Must have either**:
 - i. existing IPv6 addresses, **OR**
 - ii. a valid application for IPv6 addresses
- ④ The /16 reserved for future uses is exempted from the IPv6 requirement

- ④ Major changes to prop-078 version 1 is:
 - Extend the reserved /10 block to the whole /8
 - The allocation size conform to the final /8 allocation size
 - Eliminate subsequent allocation

- ④ Ensures account holders use the final /8 space for IPv6 transition
- ④ Supports the need for native IPv6 networks to communicate with the IPv4 world

- ④ Some account holders will not be eligible to receive addresses from the final /8 if their sole intent is to grow IPv4 services

Questions?