

# Prop-063: Reducing timeframe of IPv4 allocations from twelve to six months

Jonny Martin, Philip Smith, & Randy Bush  
Policy SIG @ APNIC 27  
26th February 2009  
Manila, Philippines

# Introduction

- Proposal to reduce APNIC's allocation time window from 12 months to 6 months

# Current Problem

- APNIC's current allocation time window is twelve months
  - In the IPv4 run out phase, this means that any LIR applying for IPv4 address space will receive sufficient for their projected needs for the next 12 months
  - With the rapidly diminishing pool, this is very likely to cause unfair distribution of the remaining IPv4 pool

# Situation in other RIRs

- This proposal has not been submitted to the other RIRs
- AfriNIC, ARIN, LACNIC and RIPE currently make IPv4 allocations based on an LIR's estimated needs for up to twelve months

# Details of the Proposal

- It is proposed that APNIC change the timeframe for which IPv4 allocations are made to meet LIR's needs from twelve months to six months
  - This means that an LIR applying for IPv4 address space will only receive sufficient address space for their needs for the upcoming 6 months. Once that 6 month allocation has run out, the LIR will need to apply for another 6 month allocation
  - This excludes LIRs applying for APNIC's minimum allocation; they will continue to receive an allocation for the upcoming 12 months

# Advantages

- Ensures that there is a more even distribution of the remaining IPv4 address pool
- Ensures that organisations have a greater opportunity to participate in the remaining IPv4 address pool during the runout phase

# Disadvantages

- Organisations applying for IPv4 address space only receive sufficient resources for the next six months
- Organisations applying for IPv4 address space may have double the annual application administration to perform
- APNIC Secretariat may also have double the administration to perform

# Impact on APNIC members and NIRs

- This proposal impacts all APNIC members
  - This proposal has no direct impact on NIRs, but impacts members of NIRs in the same way it impacts APNIC members
- Note: This proposal does NOT impact LIRs seeking APNIC's minimum allocation



# Additional data

- Looking at APNIC member allocations over last 2 years, number of LIRs returning for more resources:

<3 months: 44

3 - 6 months: 54

6 - 12 months: 90

12+ months: 37

Questions?