



# IANA to RIR IPv4 Allocation Proposal

Presented on Behalf  
of the  
Regional Internet Registries  
APNIC, ARIN, LACNIC and RIPE NCC

# Overview

- Allocation Policy
  - Elements
  - Factors
- Allocation Factors
  - Available Space
  - Necessary Space
- Necessary Space Special Need
- Policy
- Notifications and Announcements

# Allocation Policy



## Elements

- Minimum
  - Size
  - Unit
- Criteria
  - Initial Space
  - Additional Space

## Factors

- Available Space
- Necessary Space
  - Normal
  - Special Need

# Allocation Factors



## Available Space

Free Space

+ Reservations Expiring  
within 3 Months

- Fragmented Space  
= Available Space

## Necessary Space

6 Month Allocation Rate

\* 9

= Necessary Space

Fragmented Space = Available Blocks < Minimum Allocation Size

# Determining Necessary Space Special Need

- If:  
9 Month Allocation Projection Rate = Previous 6 Month  
Allocation Rate \* 9
- Then:  
No Special Need
- Else:  
Special Need

# Special Need Justification

- Allocation tendency  
Provide Trend Data and Analysis
- One or More New RIR Allocation Policies  
Provide Impact Analysis
- External factors
  - New services within the region
  - New infrastructure
  - Technology Advances
  - Legal IssuesProvide Analysis and Reference to Source Documentation for Verification

## Minimum

Size - 18 Month Necessary Space  
Unit - /8

## IANA to RIR Allocation Policy

### New RIR Criteria

/8

Regardless of:

Utilization

Transferred Space

### Additional Space Criteria

Available Space < 50% of 1 /8 Block  
OR

Available Space < Necessary Space

# Notifications and Announcements

- Notifications
  - IANA to Receiving RIR
  - IANA to Other RIRs
  
- Announcements
  - IANA
  - RIRs





# THANK YOU

<http://www.ripe.net/ripe/draft-documents/iana-rir-allocation-policies.html>

# Shameless Reminder...

In reply to yesterdays e-mail reminder...

“This was the 6th reminder (!).

\*sigh\*

Dear God - please let the 5th of September happen.”

- \*\*\* Register in advance \*\*\*
- Cut-off Wednesday, 3 Sept, 1800