



 **AfriNIC**

 **Ripe
NCC**


APNIC

 **LACNIC**

ARIN
American Registry for Internet Numbers

NRO



IANA to RIR IPV6 Allocation

**A Coordinated Proposal
Presented on Behalf
of the
Regional Internet Registries
AFRINIC, APNIC, ARIN, LACNIC and RIPE NCC**

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Overview

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

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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

Fragmented Space = Available Blocks < Minimum Allocation Size

Necessary Space

- 6 Month Allocation Rate
- * Time Period
- = Necessary Space



Determining Necessary Space Special Need

- If:
Requirement = Necessary Space
- Then:
No Special Need
- Else:
Special Need

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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

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Notifications and Announcements

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

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THANK YOU