



AfriNIC

**Ripe
NCC**

APNIC

LACNIC

ARIN
American Registry for Internet Numbers

NRO



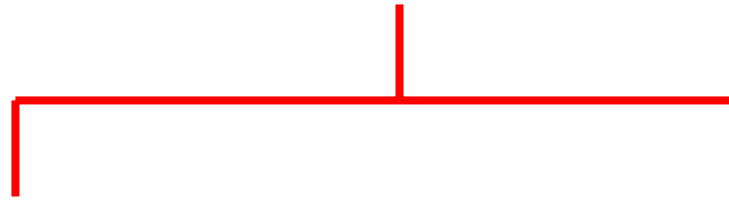
IANA to RIR IPV6 Allocation

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

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
- * Time Period
- = Necessary Space

Fragmented Space = Available Blocks < Minimum Allocation Size

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
Number Resource Organization

Determining Necessary Space Special Need

- If:
Requirement = Necessary Space
- 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

2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03 178-12:02:02 2001:610:240 193:0:0:203
62:109:128-195:048:02:03 178-12:02:02 2001:610:240 193:0:0:202
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03 178-12:02:02 2001:610:240 193:0:0:203
2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03 178-12:02:02 2001:610:240 193:0:0:203

Number Resource Organization

Proposal Status

RIR	DATE	STATUS
 Afrinic	26 – 27 April	Discuss
 APNIC	16 – 25 February	Recommended
 ARIN American Registry for Internet Numbers	17 – 21 April	Recommended
 LACNIC	6 – 9 June	Discuss
 Ripe NCC	2 – 6 May	Discuss

2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 62.109.128 195.048.02.03 2001-610-240 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 193.0.0.203 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 2001-610-240-0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001-610-240 193.0.0.203
 Number Resource Organization



THANK YOU