







# Status Report

Prepared by  
Regional Internet Registries  
AFRINIC, APNIC, ARIN, LACNIC and RIPE NCC

# Overview

- Internet Number Resource Status
- Activities
- Policy Discussions

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
62.109.128 195.048.02.03 193.0.0.202 2001:610:240 193.0.0.203 2001:610:240:0 193.0.0.202  
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
Number Resource Organization

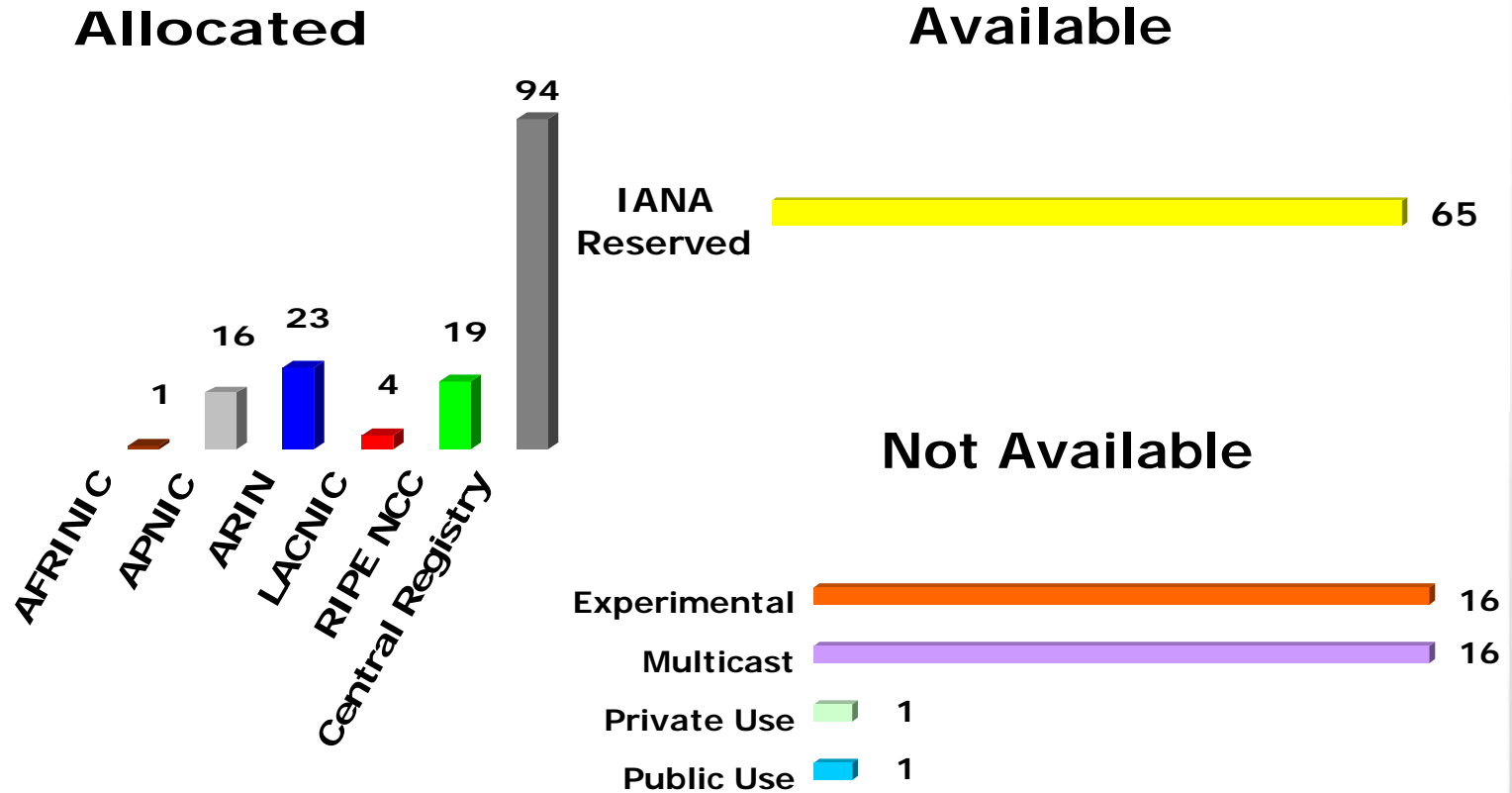


# Internet Number Resource Status

As of 30 September 2005



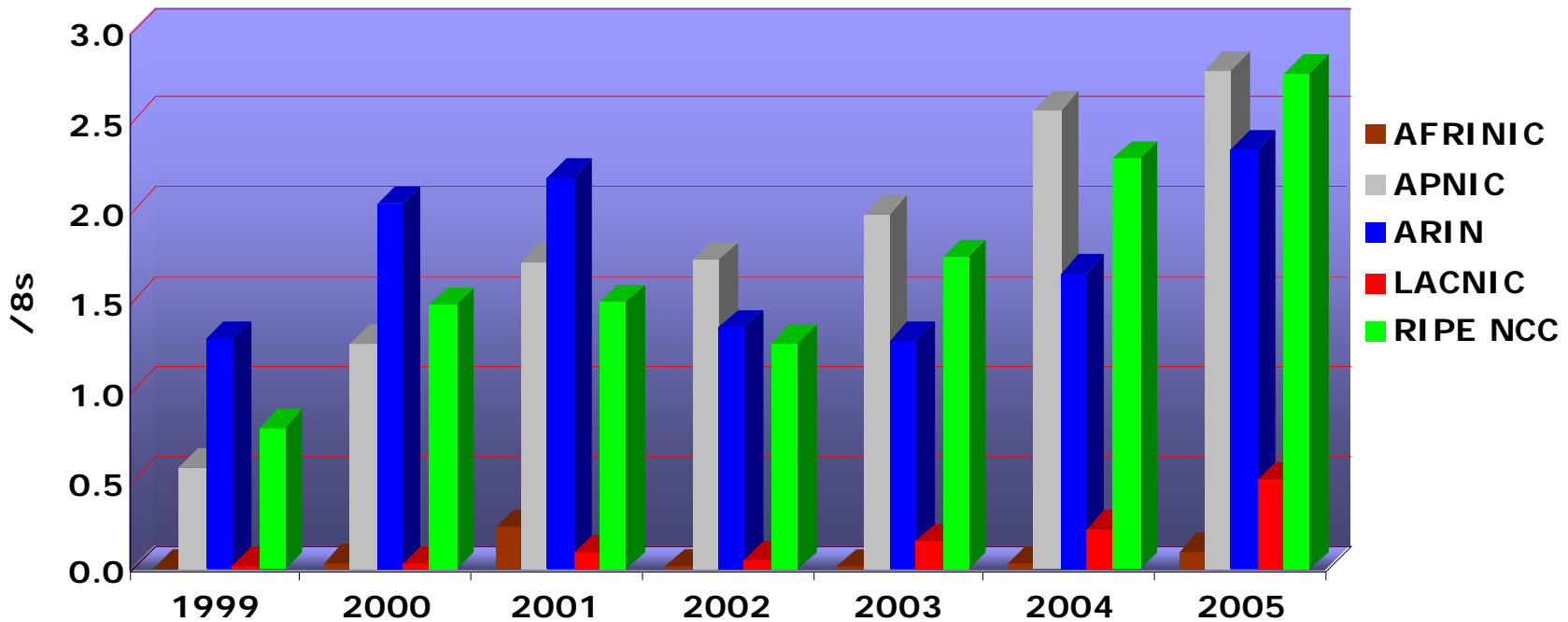
# IPv4 /8 Address Space Status



Number Resource Organization  
2001:610:240:0  
193.0.0.202  
62:109:128  
195:048:02:03  
178:42:02:02  
2001:610:240  
193:0:0:203  
195:048:02:03  
178:42:02:02  
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  
178:42:02:02  
2001:610:240  
193:0:0:203  
195:048:02:03  
178:42:02:02  
2001:610:240  
193:0:0:202



# IPv4 Allocations from RIRs to LIRs/ISPs Yearly Comparison

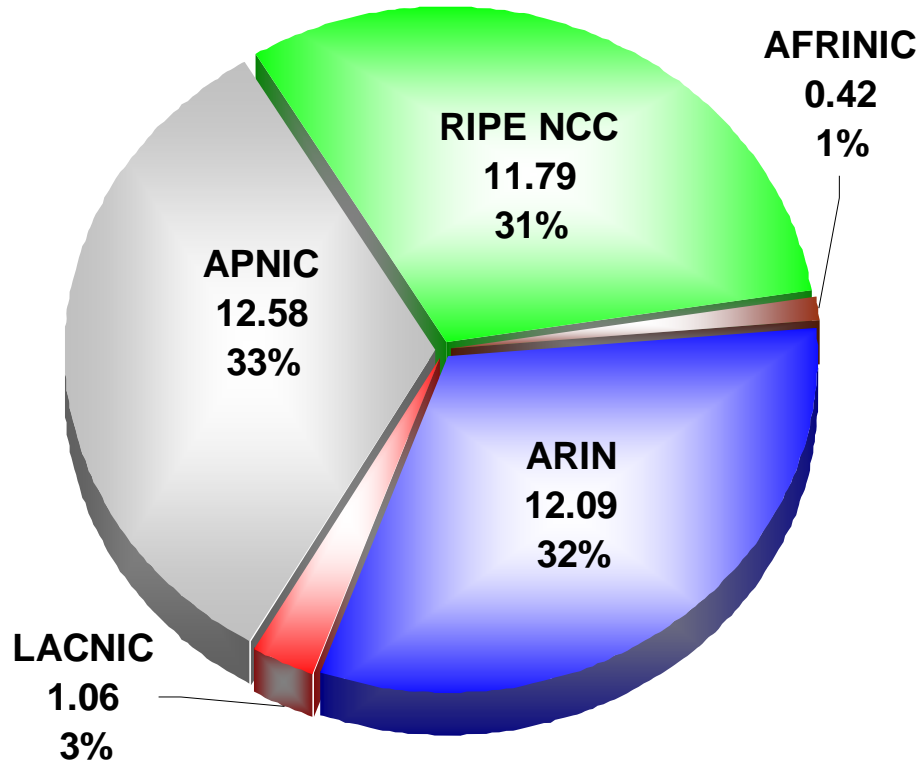


Number Resource Organization



# IPv4 Allocations RIRs to LIRs/ISPs

Cumulative Total (Jan 1999 – Sep 2005)

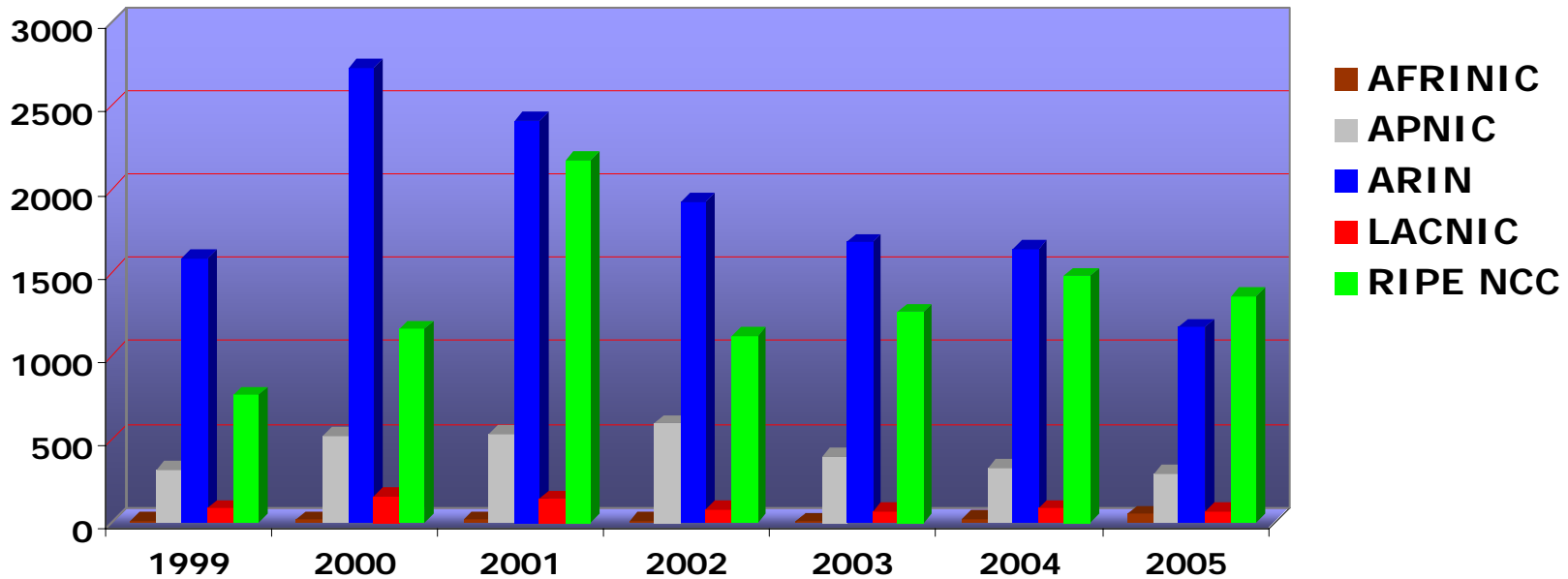


Number Resource Organization





# ASN Assignments RIRs to LIRs/ISPs Yearly Comparison

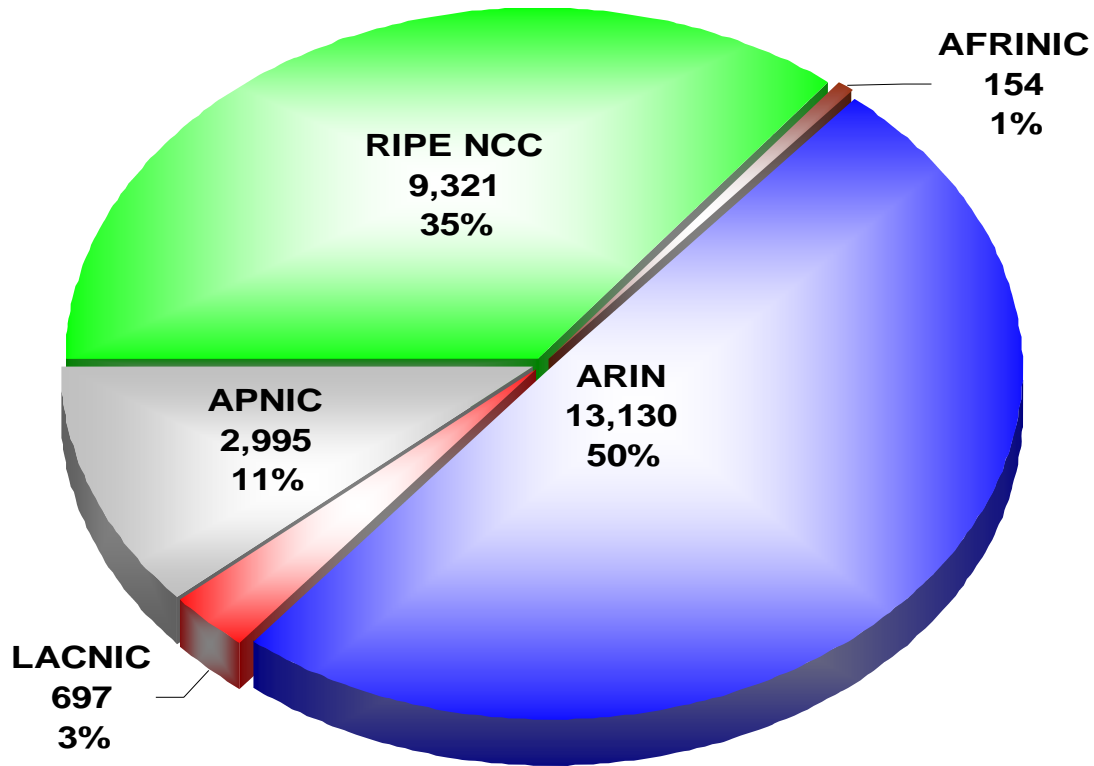


2001:610:240:0-193:0:0:202  
62:109:128-195:048:02:03  
193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03 193:0:0:202  
2001:610:240:0-193:0:0:202 62:109:128-195:048:02:03 193:0:0:202  
Number Resource Organization



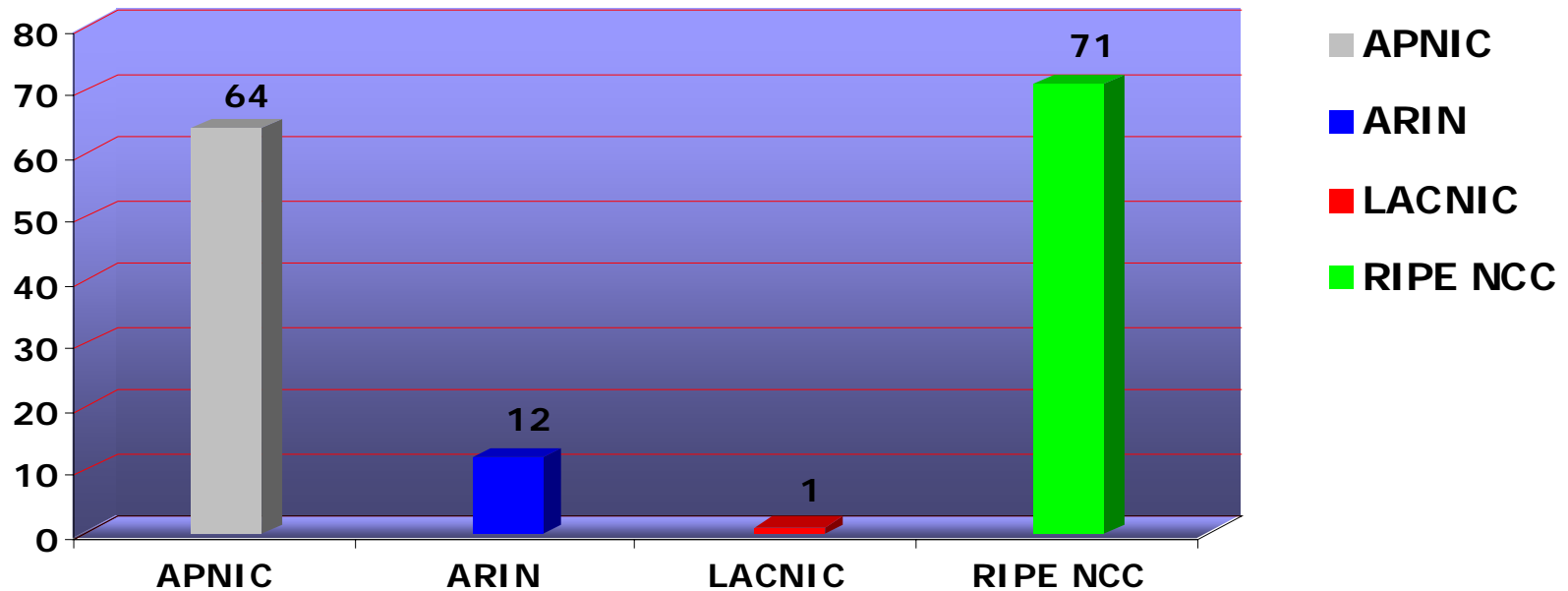
# ASN Assignments RIRs to LIRs/ISPs

Cumulative Total (Jan 1999 - Sep 2005)



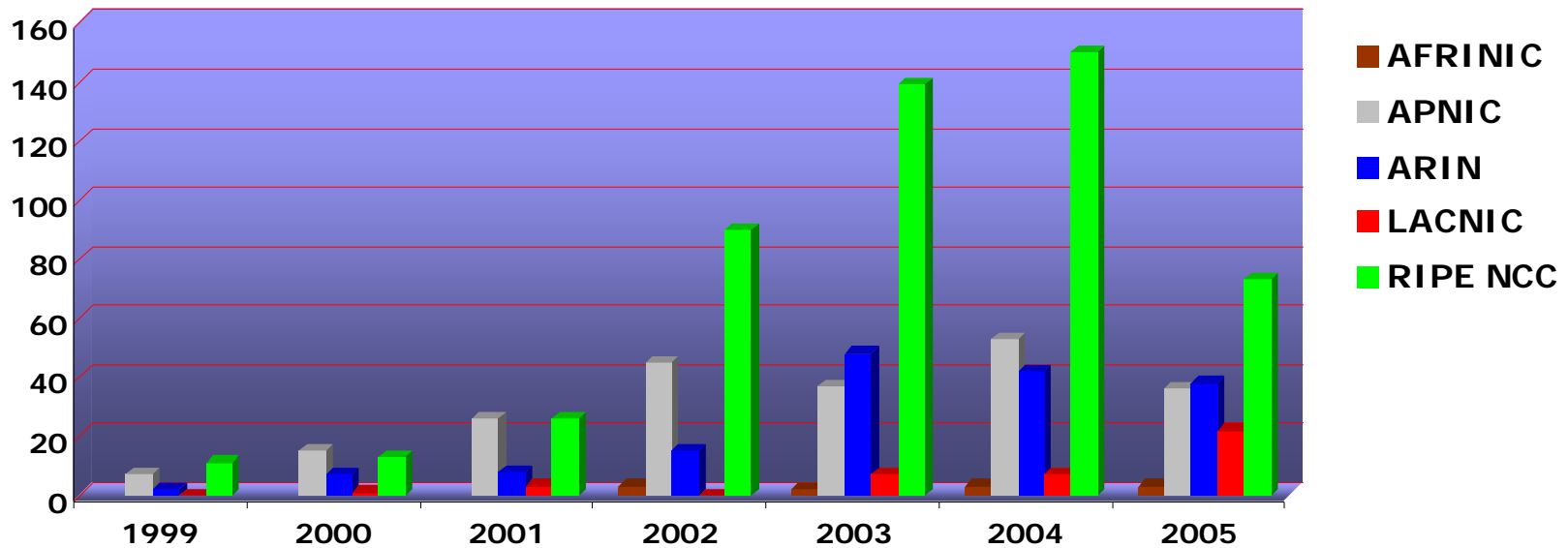
Number Resource Organization

# IANA IPv6 Allocations to RIRs (no of /23s)





# IPv6 Allocations RIRs to LIRs/ISPs Yearly Comparison

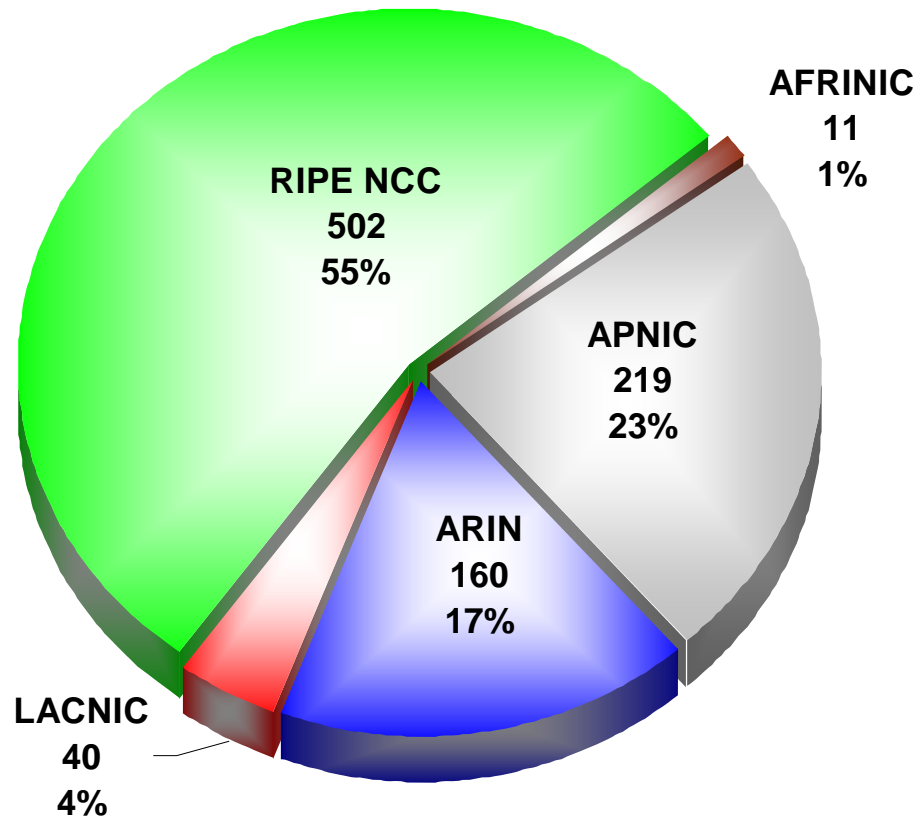


Number Resource Organization



# IPv6 Allocations RIRs to LIRs/ISPs

Cumulative Total (Jan 1999 - Sep 2005)



Number Resource Organization



# Statistics Links





Raw & Historical Data

<http://www.aso.icann.org/stats>

<http://www.iana.org/assignments/ipv4-address-space>

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
62.109.128 195.048.02.03 2001:610:240 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
Number Resource Organization

# Statistics Links

RIR	LINK
 <p><b>Afrinic</b> The African registry for Internet Numbers</p>	<a href="ftp://ftp.afrinic.net/pub/stats/afrinic">ftp://ftp.afrinic.net/pub/stats/afrinic</a>
 <p><b>APNIC</b></p>	<a href="http://www.apnic.net/info/reports">http://www.apnic.net/info/reports</a>
 <p><b>ARIN</b> American Registry for Internet Numbers</p>	<a href="http://www.arin.net/statistics">http://www.arin.net/statistics</a>
 <p><b>LACNIC</b></p>	<a href="http://www.lacnic.net/en/est.html">http://www.lacnic.net/en/est.html</a>
 <p><b>Ripe</b> NCC</p>	<a href="http://www.ripe.net/info/stats">http://www.ripe.net/info/stats</a>

2001:610:240:0-193:0:0:202  
 62:109:128:195:0:48:0:0-193:0:0:202  
 193:0:0:203-2001:610:240:0-193:0:0:202  
 2001:610:240:0-193:0:0:202  
 Number Resource Organization



# Activities

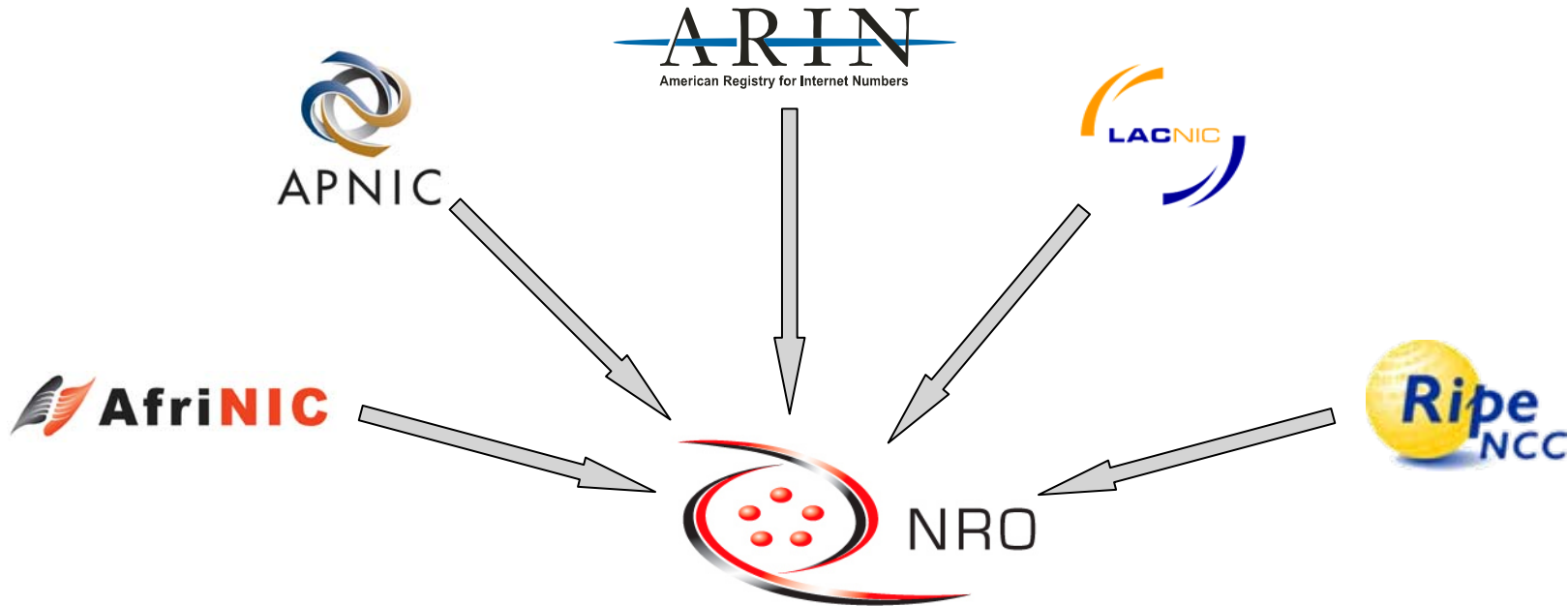




NRO

# Number Resource Organization

24 October 2003

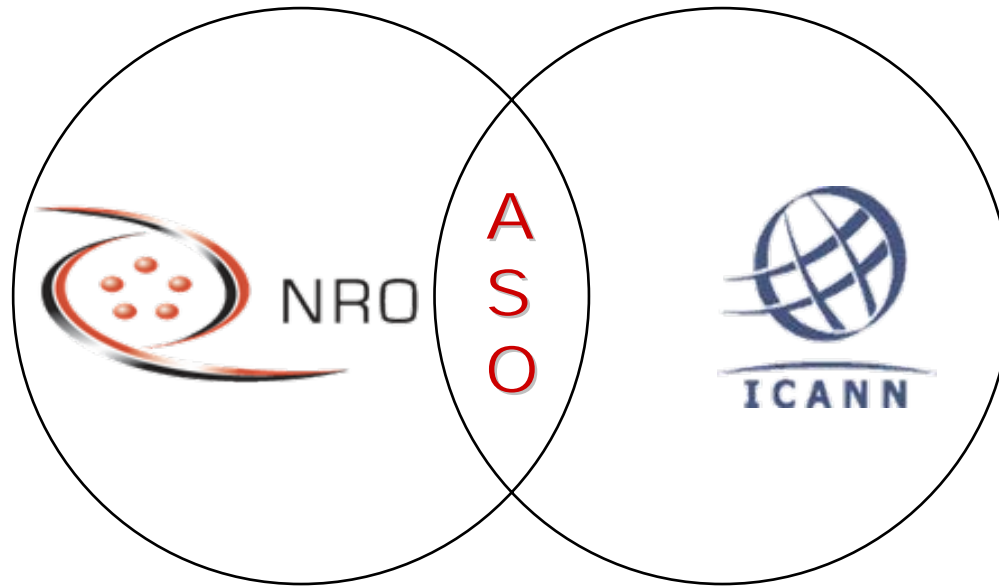


Formed by the Regional Internet Registries to formalize their cooperative efforts, the NRO exists to protect the unallocated Number Resource pool, to promote and protect the bottom up policy development process, and to act as a focal point for Internet community input into the RIR system.

2001:610:240:0-193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
 62.109.128-195.048.02.03 2001:610:240 193.0.0.202 2001:610:240 193.0.0.203  
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 2001:610:240:0-193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
 Number Resource Organization



# ICANN Address Supporting Organization



NRO Fulfills the Role of the ICANN ASO

2001:610:240:0-193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03 62.109.128-195.048.02.03 178.42.02.02 2001:610:240:0-193.0.0.202  
62.109.128-195.048.02.03 2001:610:240 193.0.0.203 195.048.02.03 178.42.02.02 2001:610:240:0-193.0.0.202  
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Number Resource Organization

# Activities

- Incorporation
- Ongoing hobby: ICANN Contract Drafting
  - ICANN Contribution
  - IANA Service Level
- WSIS
  - Monitoring
  - Coordinating
  - Influencing
- Communications Coordination Group
- Engineering Coordination Group

- Issues
  - IG
    - Control of Systems
    - Fair Distribution of Resources
  - Capacity Building
  - Financing
  - Access
- Working Group on Internet Governance
  - 40 participants, multistakeholder
  - WGIG Report
    - Published July 2005
    - Four IG models
    - Forum
    - See [www.wgig.org](http://www.wgig.org)



# WSIS Tunis






- Pre-Summit Prepcom
- Outcome Open
  - No clear result expected
  - ICANN will be affected
- Internet Community Pavilion
  - Demonstrate Current Internet System
  - Under ISOC umbrella



## Policy Discussions



# Worldwide Look IPv6 Policy Discussions






RIR	TOPIC	STATUS
 The African registry for Internet Numbers		
 APNIC	<ul style="list-style-type: none"> <li>• End Site Definition</li> <li>• HD Ratio</li> </ul>	<ul style="list-style-type: none"> <li>• Abandon</li> <li>• Consensus</li> </ul>
 American Registry for Internet Numbers	<ul style="list-style-type: none"> <li>• End Site Definition</li> <li>• HD Ratio</li> <li>• PI Allocation</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss</li> <li>• Last Call</li> <li>• Discuss</li> </ul>
 LACNIC	<ul style="list-style-type: none"> <li>• HD Ratio</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss</li> </ul>
 Ripe NCC	<ul style="list-style-type: none"> <li>• End Site Definition</li> <li>• HD Ratio</li> <li>• Number of Required Customers</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss</li> <li>• Discuss</li> <li>• Discuss</li> </ul>

2001:610:240:0-193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
 62.109.128-195.048.02.03 193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
 193.0.0.203 2001:610:240:0-193.0.0.202 62.109.128-195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
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**Number Resource Organization**










# Worldwide Look Global Policy Discussions

RIR	TOPIC	STATUS
 <p><b>Afrinic</b> The African registry for Internet Numbers</p>	IANA to RIR IPv6 Allocation	• Discuss
 <p><b>APNIC</b></p>		• Adopt
 <p><b>ARIN</b> American Registry for Internet Numbers</p>		• Adopt
 <p><b>LACNIC</b></p>		• Adopt
 <p><b>Ripe</b> NCC</p>		• Adopt*

2001:610:240:0-193:0:0:202  
 62:109:128:195:048:02:03  
 193:0:0:203 2001:610:240:0-193:0:0:202 62:109:128:195:048:02:03 178:42:02:02 2001:610:240  
 2001:610:240:0-193:0:0:202  
 Number Resource Organization

# Policy Archives

RIR	LINK
 <p><b>AfriNIC</b> The African registry for Internet Numbers</p>	<a href="http://www.afrinic.net/policy.htm">http://www.afrinic.net/policy.htm</a>
 <p><b>APNIC</b></p>	<a href="http://www.apnic.net/docs/policy/proposals/archive.html">http://www.apnic.net/docs/policy/proposals/archive.html</a>
 <p><b>ARIN</b> American Registry for Internet Numbers</p>	<a href="http://www.arin.net/policy/proposals/proposal_archive.html">http://www.arin.net/policy/proposals/proposal_archive.html</a>
 <p><b>LACNIC</b></p>	<a href="http://lacnic.net/en/politicas/desarrollo.html">http://lacnic.net/en/politicas/desarrollo.html</a>
 <p><b>Ripe NCC</b></p>	<a href="http://www.ripe.net/ripe/policies/proposals/">http://www.ripe.net/ripe/policies/proposals/</a>





# Links



<http://www.afrinic.net>



<http://www.apnic.net>



<http://www.arin.net>



<http://www.lacnic.net>



<http://www.ripe.net>



<http://www.nro.net>



<http://www.icann.org>

Number Resource Organization  
193.0.0.203 195.048.02.03 178.42.89.02 2001.610.240.193.0.0.202  
2001.610.240.0 193.0.0.202 62.109.128.195.048.02.03 178.42.89.02 2001.610.240.193.0.0.203  
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NRO

THANK YOU!

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203 195.048.02.03  
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193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.42.02.02 2001:610:240 193.0.0.203  
Number Resource Organization