

ASO Status Report

ICANN Wellington

30 March 2005

Prepared by
Regional Internet Registries



Address Supporting Organization

- **Organisation**
- **Internet Number Resource Status**
- **Policy Discussions**

ORGANISATION

Address Supporting Organization

ASO

Address Supporting Organization

21 October 2004








The NRO Fulfils The:

- **Role**
- **Responsibilities**
- **Functions**

Of the ICANN ASO

Address Supporting Organization

Who is it?	<ul style="list-style-type: none">• The NRO Number Council
What is it?	<ul style="list-style-type: none">• Number Resource Policy Advisory Body
How is it Organised?	<ul style="list-style-type: none">• 15 Members [3 From Each Region]<ul style="list-style-type: none">– 2 Elected at Large– 1 Appointed by RIR Board• RIR & ICANN Observers
Term of Office?	<ul style="list-style-type: none">• Three (3) years, staggered
What Does it Do?	<ul style="list-style-type: none">• Advise ICANN Board• Select ICANN Board Members (2)• Select ICANN NomCom member (1)

REGION	Member
	Sylvia Kezengwa Jean Robert Hountomey Alan Barrett*
	Hyun-joon Kwon Kenny Huang Mao Wei*
	Louis Lee Sanford George Martin Hannigan*
	Sebastian Bellagamba [Chair] Francisco Obispo Hartmut Glaser*
	Sabine Jaume Hans Petter Holen Wilfried Woeber*

* Appointed by RIR Board

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ICANN Board Members

Appointed by ASO AC

Name	Term
Raimundo Beca	MAY 2004 – MAY 2007
Mouhamet Diop	JUN 2003 – JUN 2006

AC Activites

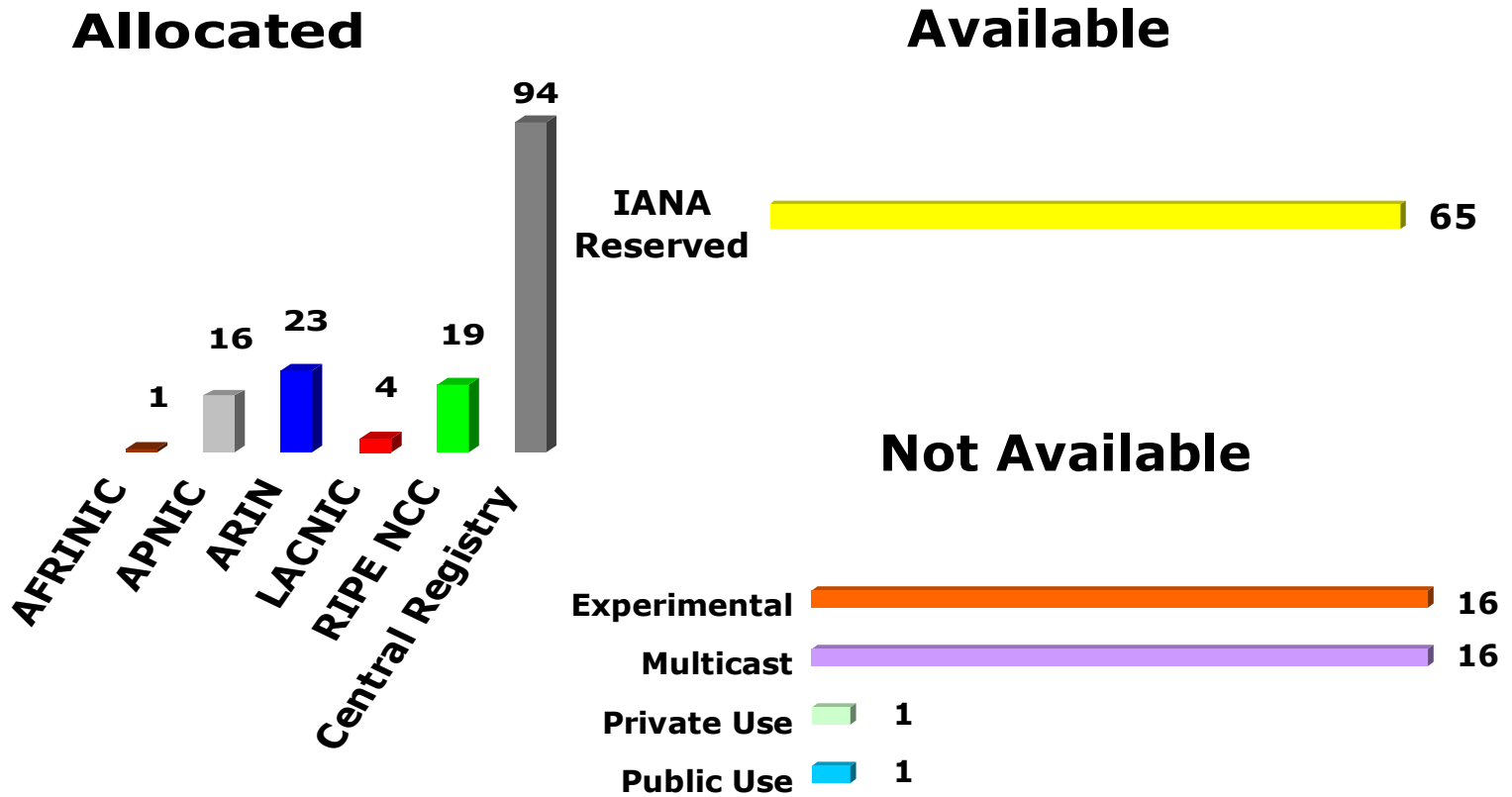
- Apprise ICANN Staff of Global Policy Proposal status
- Internal processes
- Selection of ICANN Board Member

- **Telephonic – Monthly**
- **Physical**
 - **APR 2006 – Istanbul [RIPE 52]**
 - **DEC 2006 – São Paulo [ICANN]**

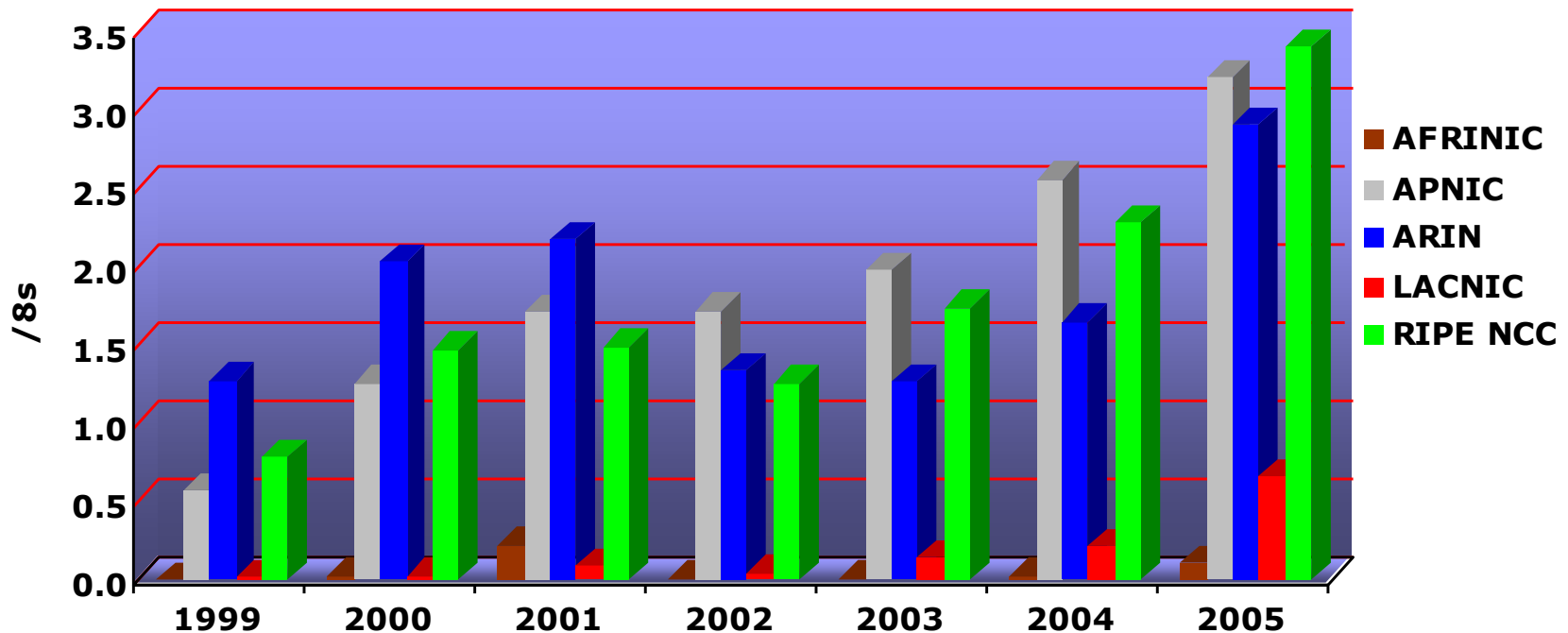
Internet Number Resource Status

As of 31 December 2005

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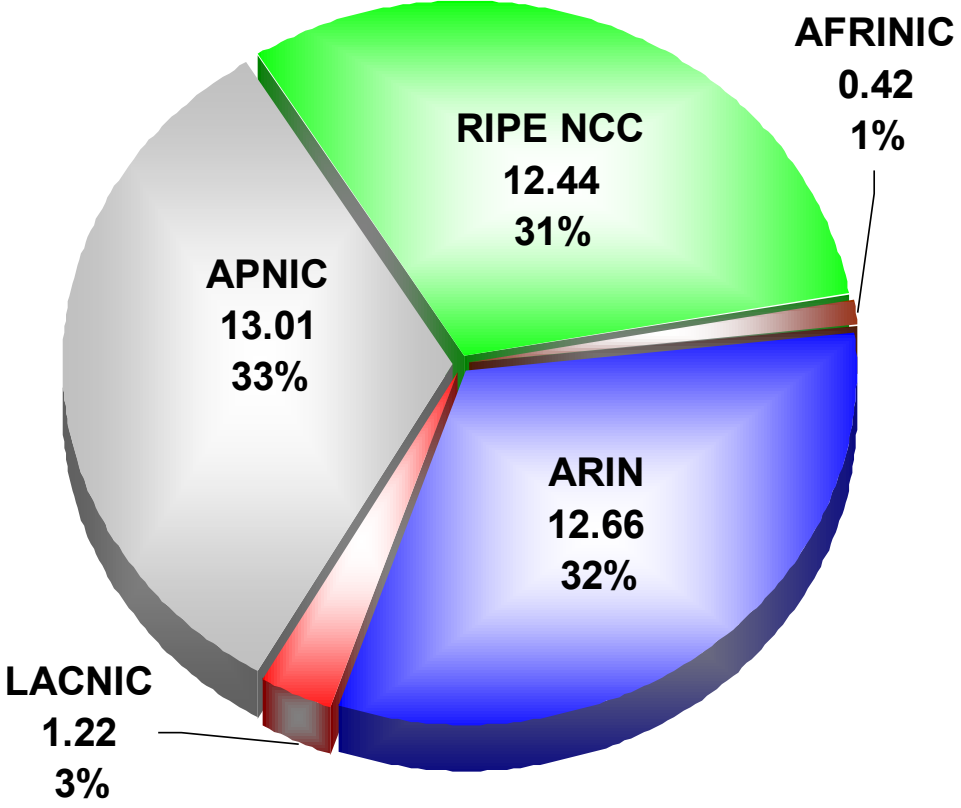
IPv4 Allocations from RIRs to LIRs/ ISPs Yearly Comparison



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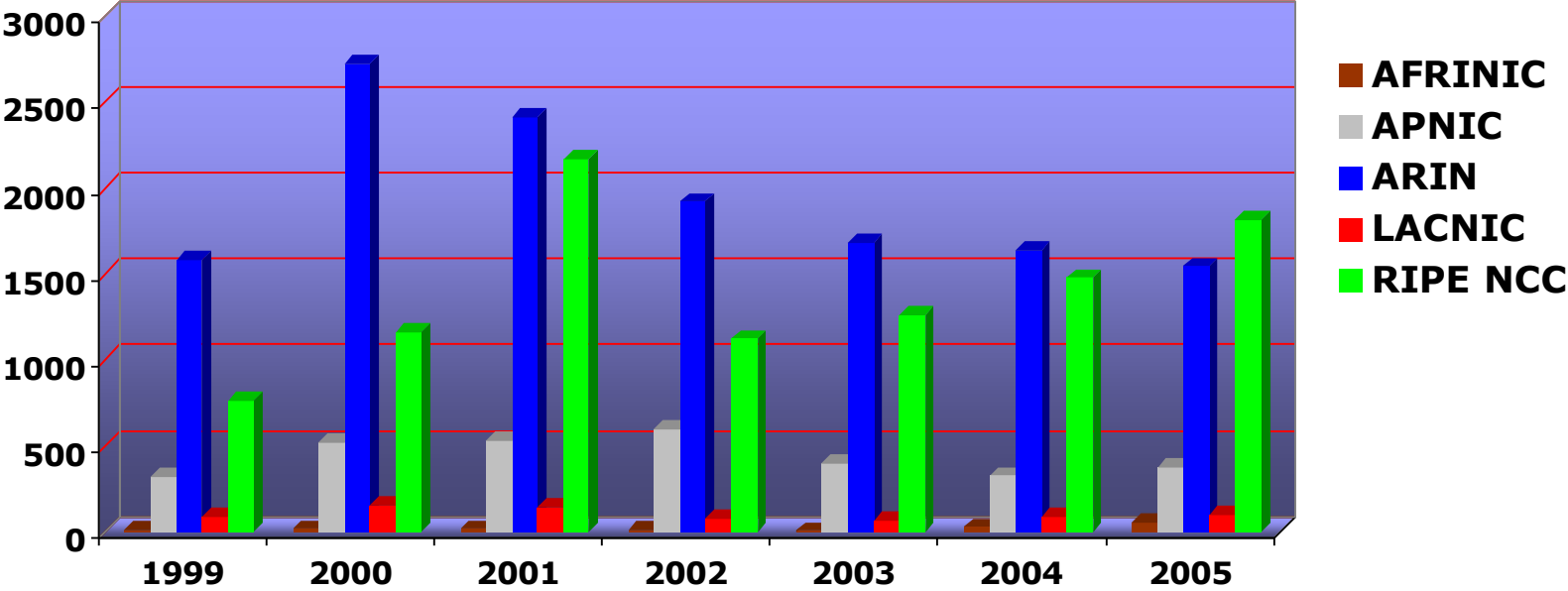
IPv4 Allocations RIRs to LIRs/ISPs

Cumulative Total (Jan 1999 – Dec 2005)



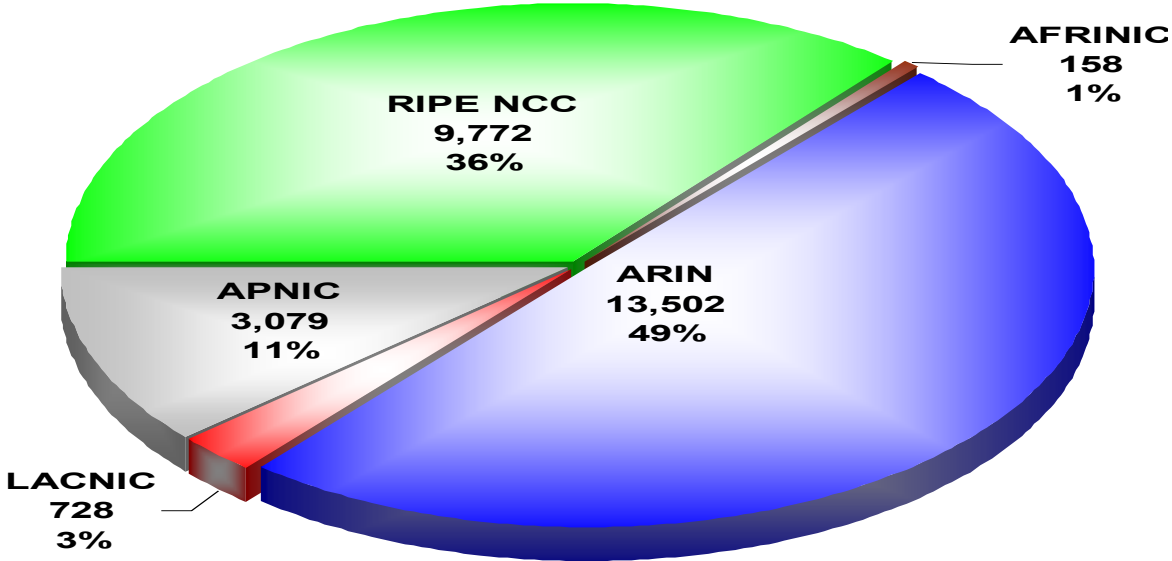
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ASN Assignments RIRs to LIRs/ISPs Yearly Comparison

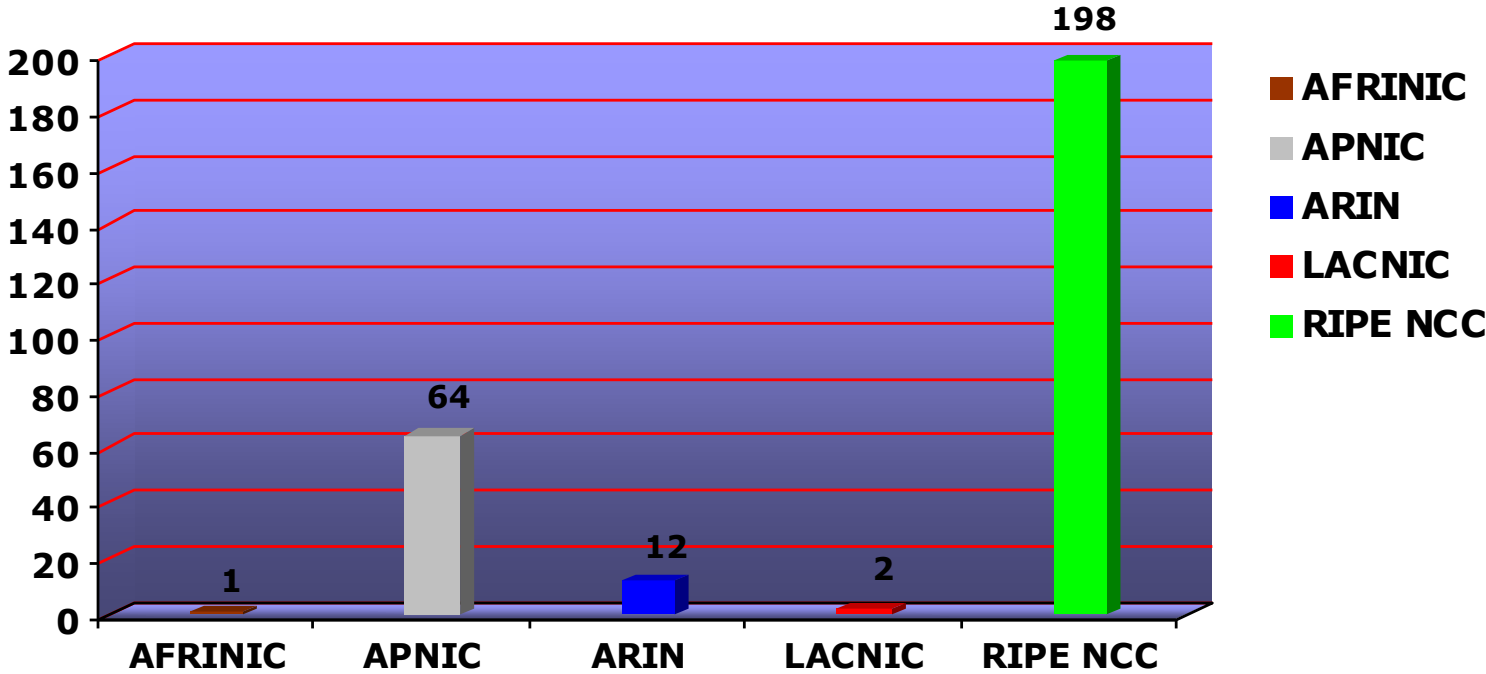


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ASN Assignments RIRs to LIRs/ISPs Cumulative Total (Jan 1999 – Dec 2005)

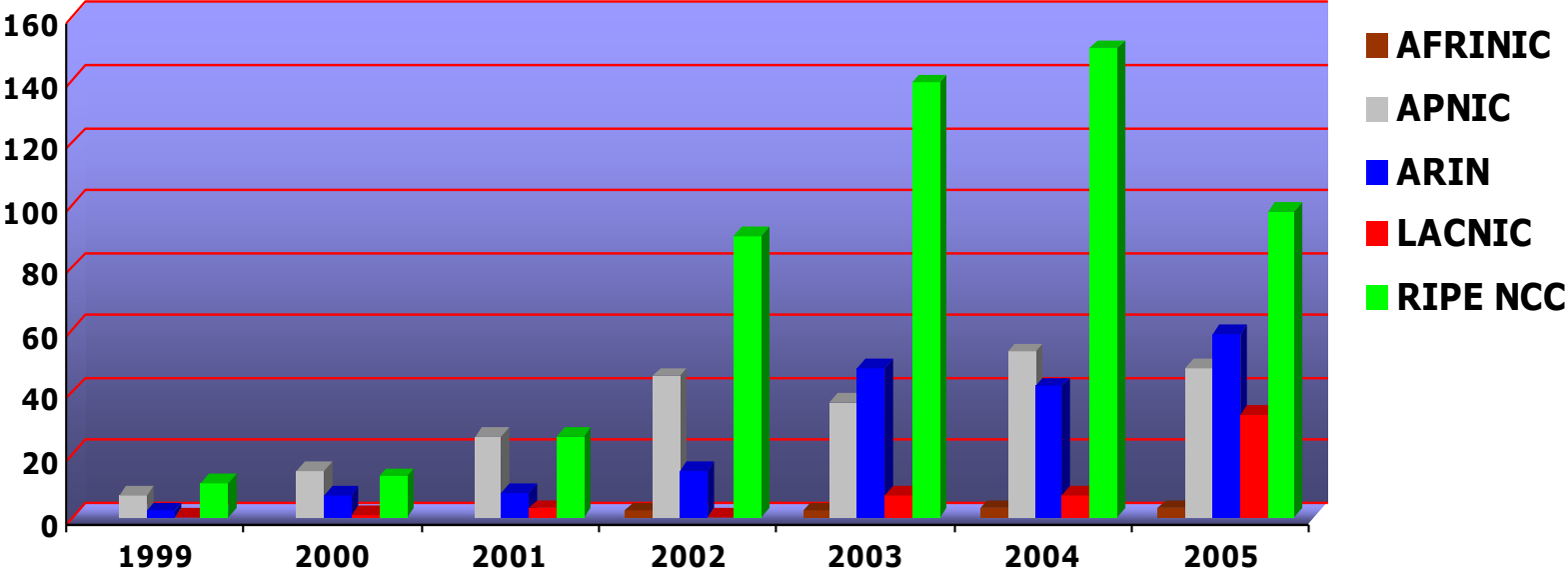


IANA IPv6 Allocations to RIRs (no of /23s)



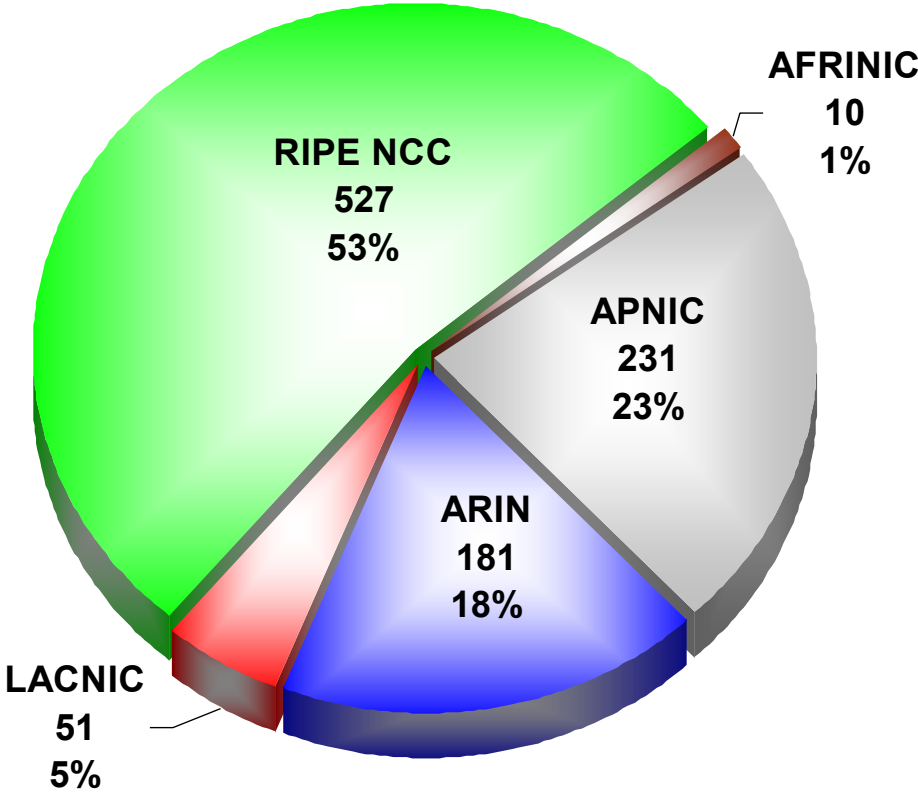
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IPv6 Allocations RIRs to LIRs/ISPs Yearly Comparison



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IPv6 Allocations RIRs to LIRs/ISPs Cumulative Total (Jan 1999 – Dec 2005)



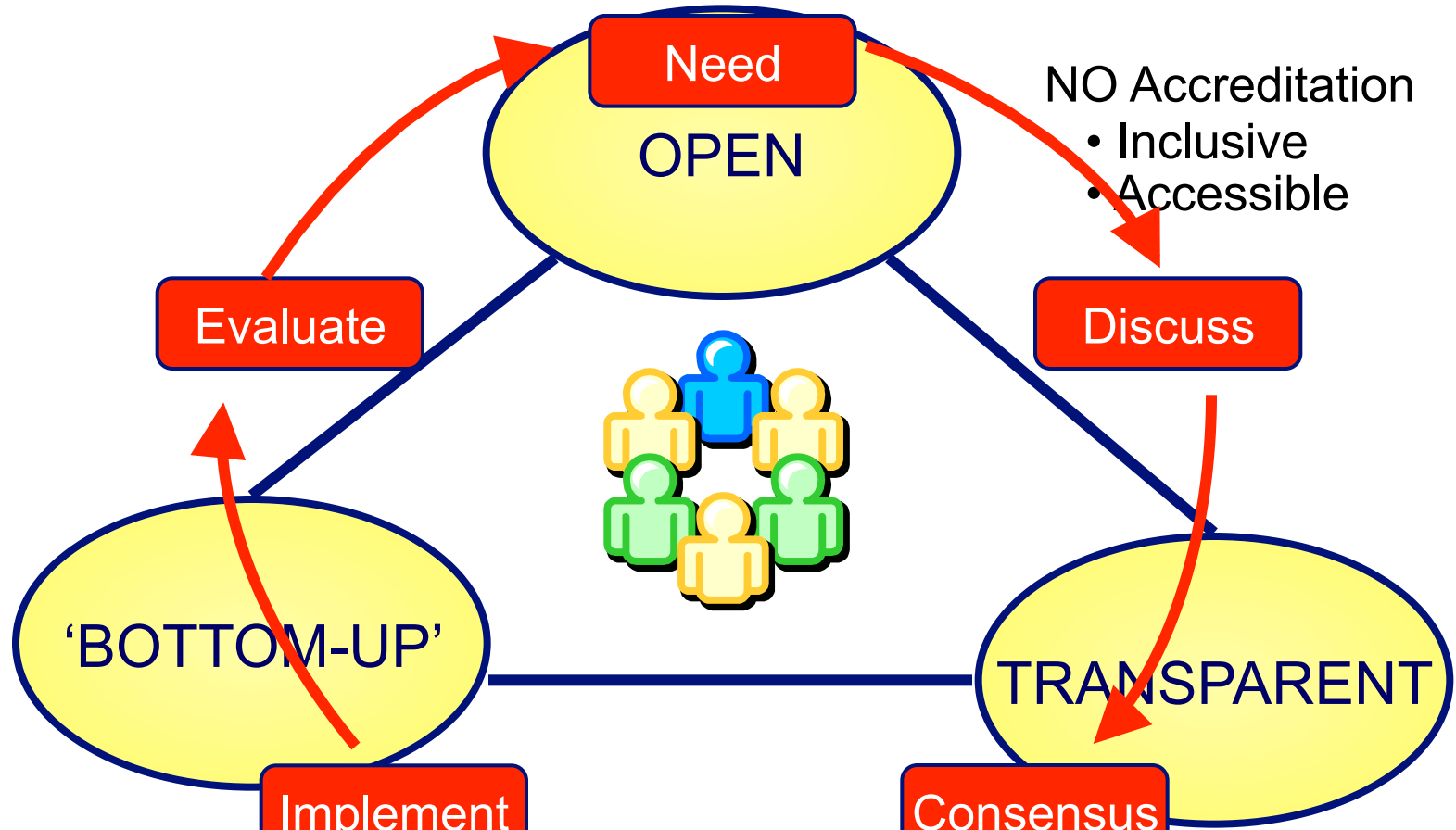
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Raw & Historical Data	
RIRs	http://www.nro.net/statistics/
IANA	http://www.iana.org/ipaddress/ip-addresses.htm

Policy Discussions

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RIR Policy Development Process (Predates ICANN PDP)

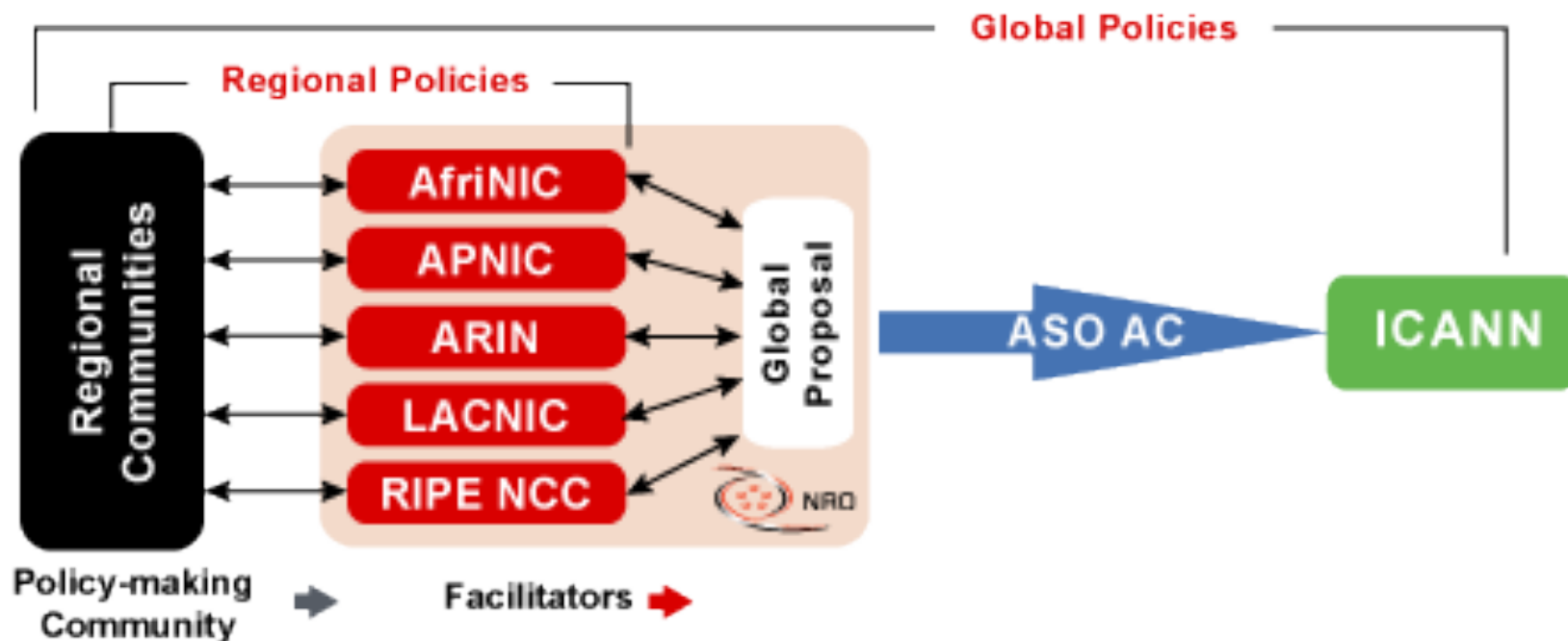


Internet Community
Proposes, Discusses, & Approves
Policy

Documented, Published & Accessible
PDP, Policies, & Procedures

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The Global PDP (Defined in ASO MoU)



Integrates RIR PDP with ICANN PDP






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Public Policy Meetings






RIR	DATE	LOCATION
 Afrinic	16 – 17 May 2006	Nairobi
 APNIC	5 – 8 September 2006	Taiwan
 American Registry for Internet Numbers	9 – 12 April 2006	Montreal
	22 - 26 May 2006	Guatemala City
	24 – 28 April 2006	Istanbul

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Worldwide Look IPv4 Policy Discussions

RIR	TOPIC	STATUS
	<ul style="list-style-type: none"> • End User Assignment Criteria • Experimental Allocations 	<ul style="list-style-type: none"> • Discuss • Discuss
	<ul style="list-style-type: none"> • HD Ratio 	<ul style="list-style-type: none"> • Abandon
	<ul style="list-style-type: none"> • Micro Allocation for Anycast 	<ul style="list-style-type: none"> • Discuss
	<ul style="list-style-type: none"> • International ISPs • Allocation Period 	<ul style="list-style-type: none"> • Discuss • Discuss
	<ul style="list-style-type: none"> • Anycast Services • HD Ratio 	<ul style="list-style-type: none"> • Discuss • Last Call






Worldwide Look IPv6 Policy Discussions

RIR	TOPIC	STATUS
		
	<ul style="list-style-type: none"> • End Site Definition • HD Ratio 	<ul style="list-style-type: none"> • Discuss • Consensus
	<ul style="list-style-type: none"> • End Site Definition • PI Allocation [2 Proposals] • Micro Allocation for Infrastructure 	<ul style="list-style-type: none"> • Discuss • Discuss • Discuss
	<ul style="list-style-type: none"> • HD Ratio • End Site Definition 	<ul style="list-style-type: none"> • Discuss • Discuss
	<ul style="list-style-type: none"> • End Site Definition • HD Ratio • Number of Required Customers 	<ul style="list-style-type: none"> • Discuss • Adopt • Discuss

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Worldwide Look

Other Policy Discussions


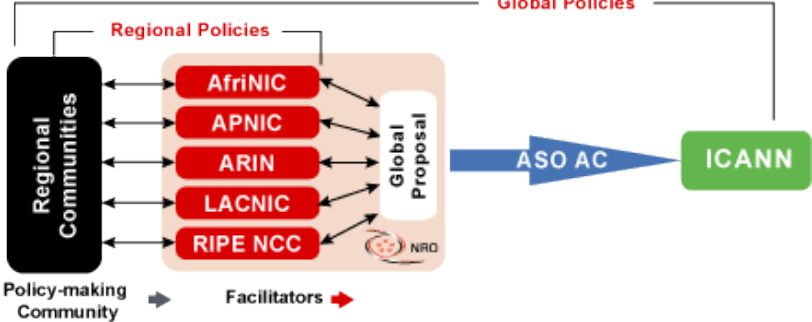





RIR	TOPIC	STATUS
	<ul style="list-style-type: none"> • ASN Assignment Criteria • 4 Byte ASN 	<ul style="list-style-type: none"> • Discuss • Discuss
	<ul style="list-style-type: none"> • 4 Byte ASN 	<ul style="list-style-type: none"> • Consensus
	<ul style="list-style-type: none"> • 4 Byte ASN • Capturing Route Origins • Residential Customer Privacy 	<ul style="list-style-type: none"> • Discuss • Discuss • Discuss
	<ul style="list-style-type: none"> • 4 Byte ASN • Unused Resource Recovery • WHOIS Privacy 	<ul style="list-style-type: none"> • Discuss • Discuss • Discuss
	<ul style="list-style-type: none"> • 4 Byte ASN 	<ul style="list-style-type: none"> • Discuss

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Global Policy Proposal

IANA to RIR IPv6 Allocation

What is the Status?

RIR	IANA to RIR IPv6 Allocation	STATUS
	 <p>The diagram illustrates the process of IPv6 allocation from IANA to RIRs. It shows a flow from 'Regional Communities' (Policy-making Community) through 'Facilitators' (Afrinic, APNIC, ARIN, LACNIC, RIPE NCC) to a 'Global Proposal' (involving NRO). This proposal is then processed by the 'ASO AC' (Address Supporting Organization Advisory Committee) and finally by 'ICANN'. 'Global Policies' are also shown as a separate path from the 'Global Proposal' to 'ICANN'.</p>	<ul style="list-style-type: none"> • Discuss
		<ul style="list-style-type: none"> • Adopt
		<ul style="list-style-type: none"> • Adopt
		<ul style="list-style-type: none"> • Adopt
		<ul style="list-style-type: none"> • Discuss
		<ul style="list-style-type: none"> • 3 QTR 2006

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RIR	LINK
 Afrinic	http://www.afrinic.net/policy.htm
 APNIC	http://www.apnic.net/docs/policy/proposals/archive.html
 American Registry for Internet Numbers	http://www.arin.net/policy/proposals/proposal_archive.html
 LACNIC	http://lacnic.net/en/politicas/desarrollo.html
 RIPE NCC	http://www.ripe.net/ripe/policies/proposals/

ASO

Links



<http://aso.icann.org>



<http://www.nro.net>



<http://www.afrinic.net>



<http://www.apnic.net>



<http://www.arin.net>



<http://www.lacnic.net>



<http://www.ripe.net>

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K I A O R A

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