

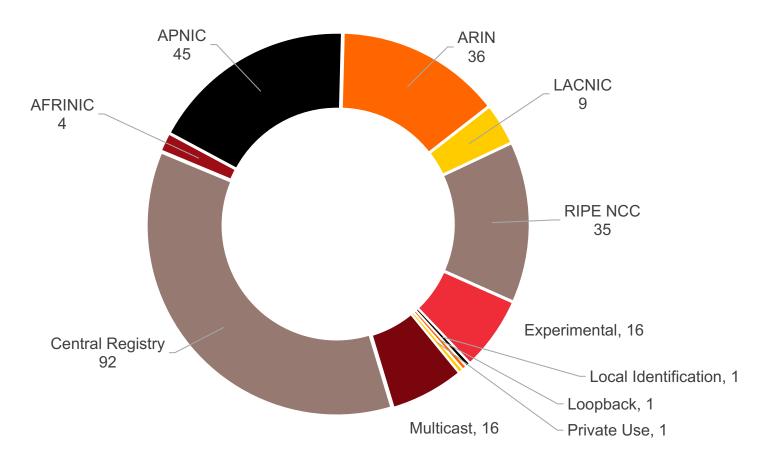
Internet Number Resource Status Report

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

As of 31 December 2022

All IPv4 Address Space

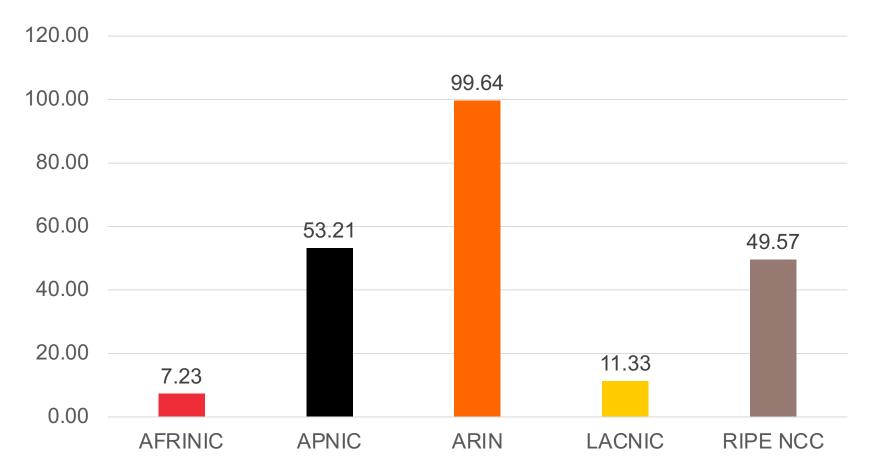
Distribution of the 256 /8s





Total IPv4 Addresses Managed by each RIR

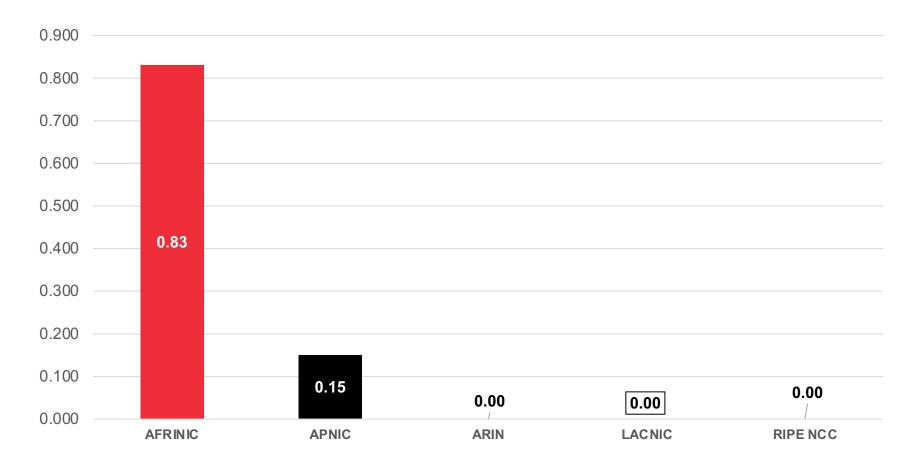
In terms of /8s





Available IPv4 Space in each RIR

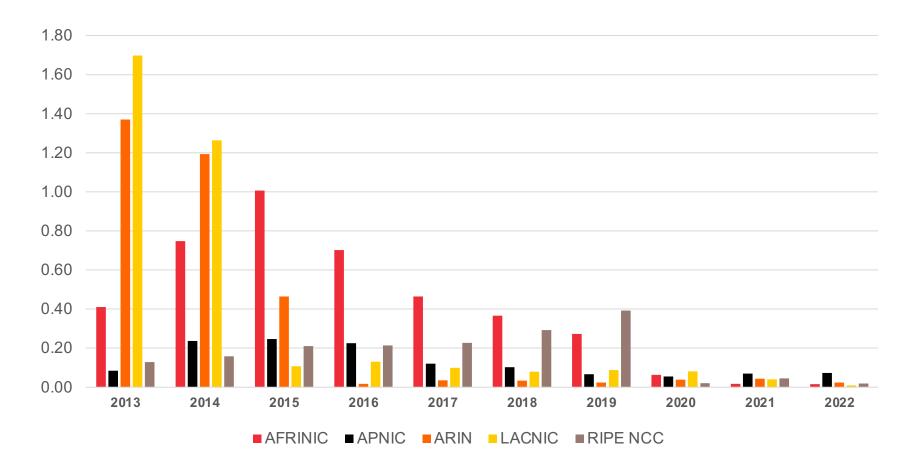
In terms of /8s





IPv4 Space issued by RIRs

In terms of /8s, how much space has each RIR issued per year?



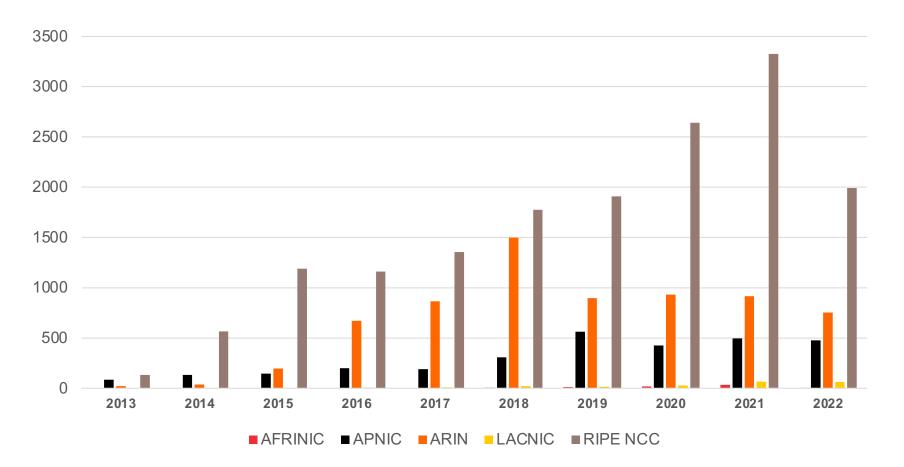


IPv4 Transfers

(exclusive M&A)

Intra-RIR IPv4 Transfers

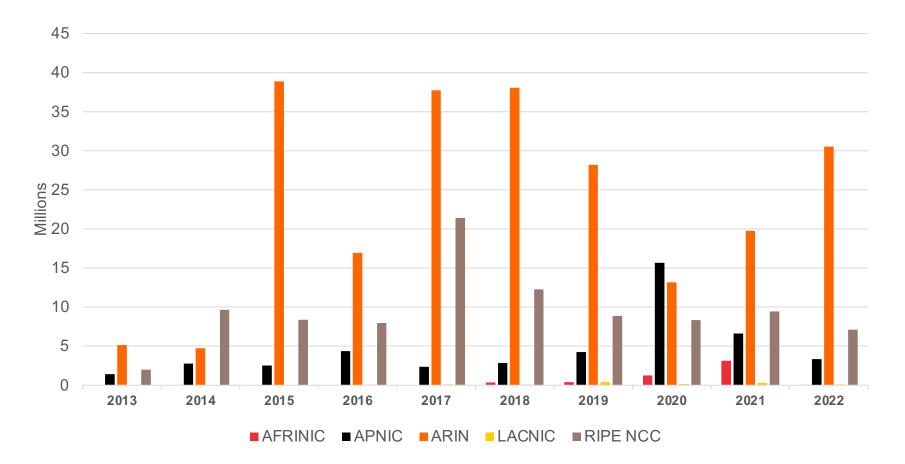
Number of transfers per year





Intra-RIR IPv4 Transfers

Number of addresses transferred by year





Inter-RIR IPv4 Transfers

Total number of IPv4 transfers between RIRs

		AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
Source RIR	AFRINIC		0	0	0	0
	APNIC	0		125	0	238
	ARIN	0	470		22	538
	LACNIC	0	1	19		26
	RIPE NCC	0	135	220	9	

Recipient RIR



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Source RIR

Inter-RIR Transferred IPv4 Addresses

Total number of IPv4 addresses transferred between RIRs

	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
AFRINIC		0	0	0	0
APNIC	0		1.134M	0	1.685M
ARIN	0	19.706M		.0248M	16.721M
LACNIC	0	.002M	.047M		.452M
RIPE NCC	0	2.427M	3.073M	.006M	

Recipient RIR



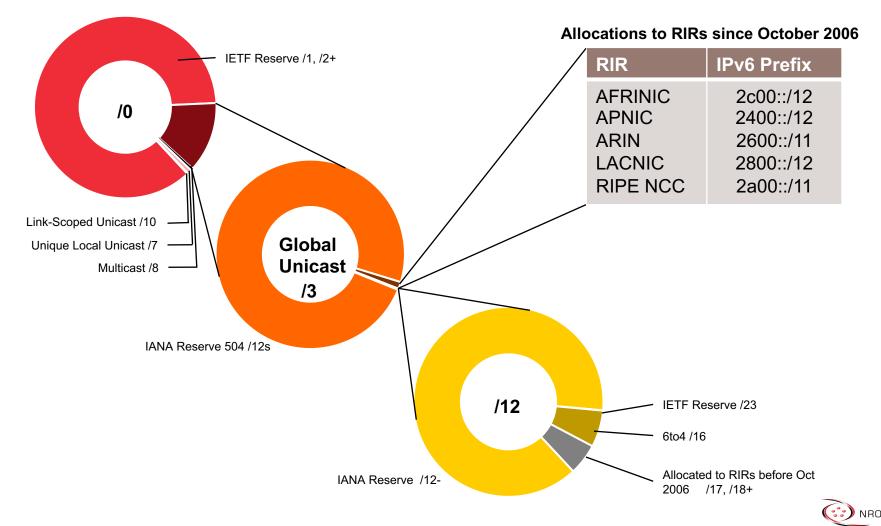
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IPv6

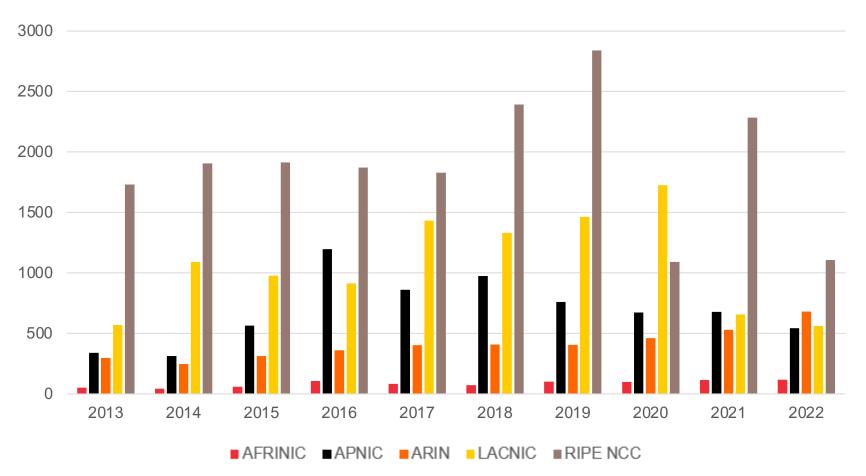
All IPv6 Address Space

How much has been allocated to the RIRs?



IPv6 Allocations Issued by RIRs

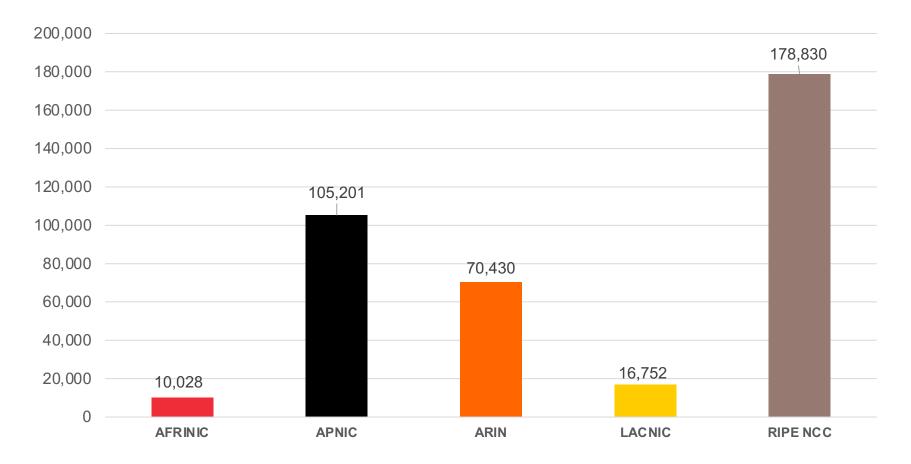
How many prefixes has each RIR allocated per year?





Total Allocated IPv6 Space

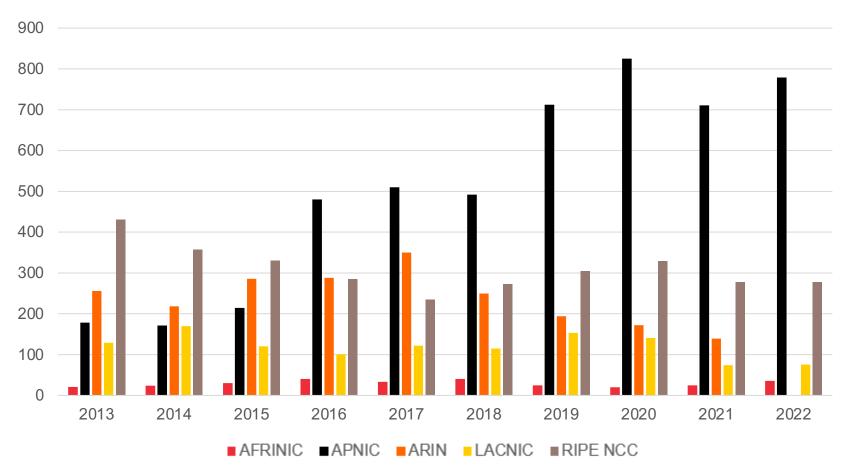
Total size of IPv6 space (in /32s) that each RIR has allocated





IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?





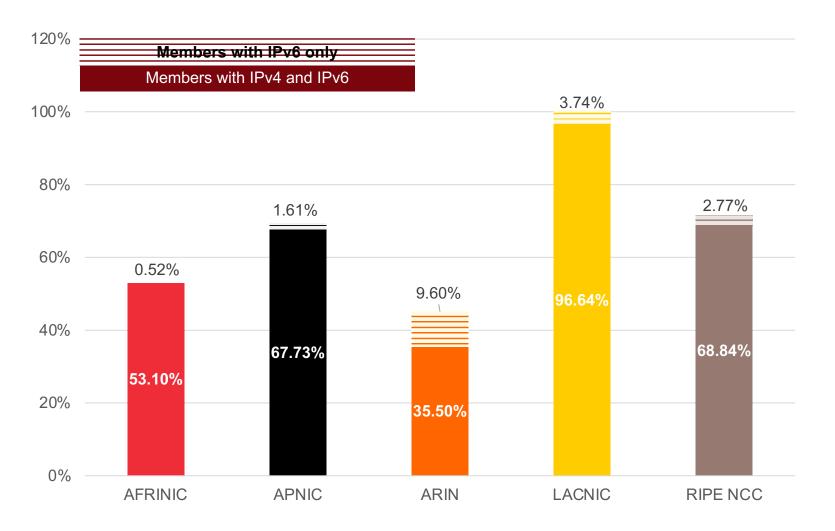
Total Assigned IPv6 Space

Total size of IPv6 space (in /48s) that each RIR has assigned

0	AFRINIC	APNIC	ARIN	LACNIC	RIPENCC
	6,468	1,120,701			201,120
2,000,000		1,120,794	_		
4,000,000			3,793,381		
6,000,000					
8,000,000					
10,000,000					
12,000,000				10,327,595	



Percentage of Members with IPv6 in each RIR

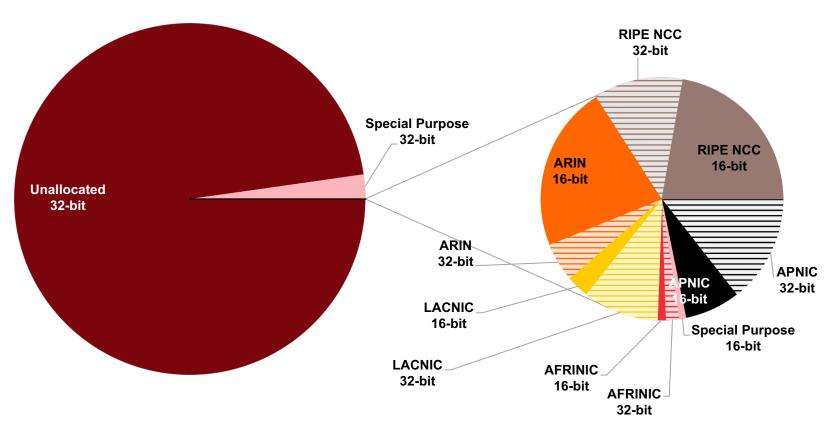




AS Numbers

AS Numbers

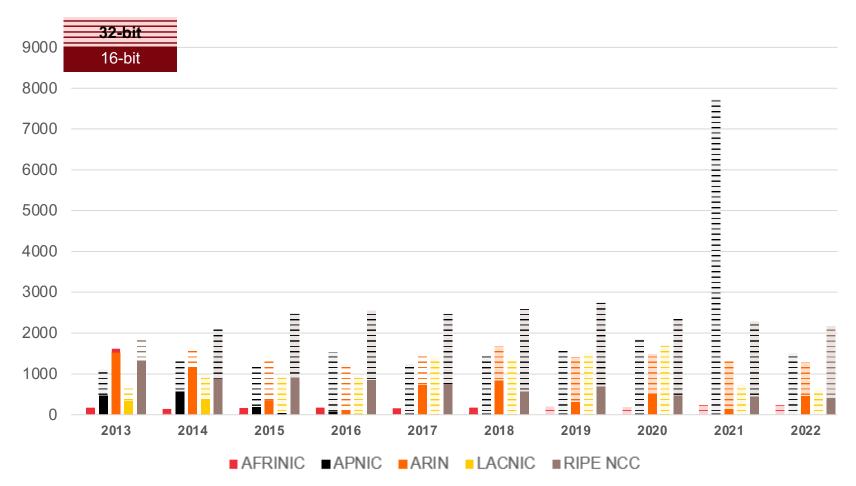
All ASNs





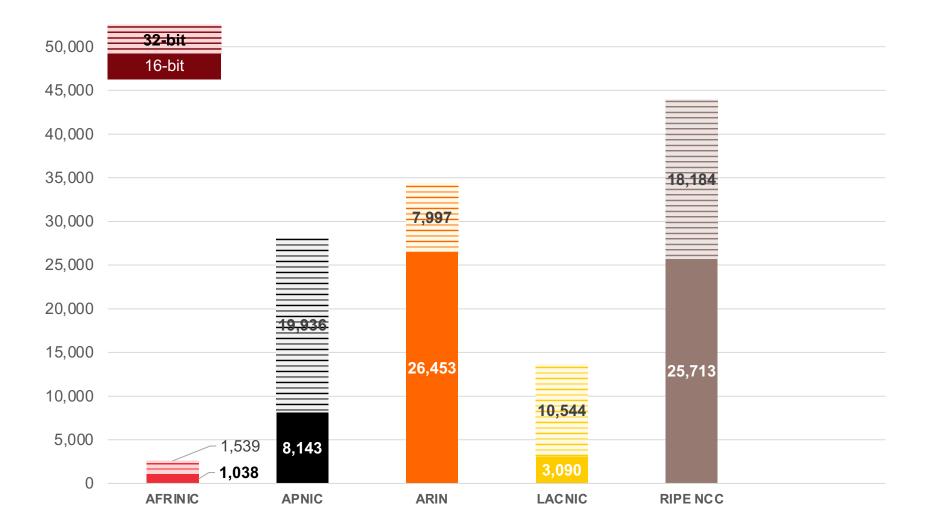
ASN Assignments by RIRs

How many ASNs has each RIR issued per year?





Total ASNs Assigned by each RIR





References

- NRO Statistics
 <u>www.nro.net/statistics</u>
- IANA Number Resources
 <u>https://www.iana.org/numbers</u>



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Thank You