

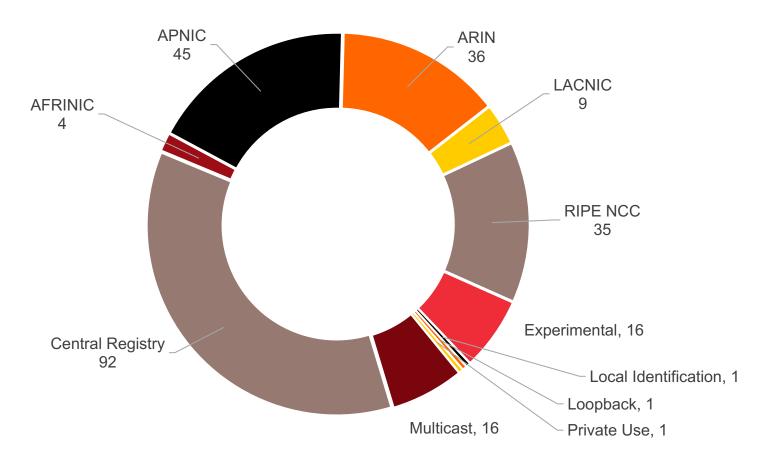
Internet Number Resource Status Report

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

As of 31 December 2020

All IPv4 Address Space

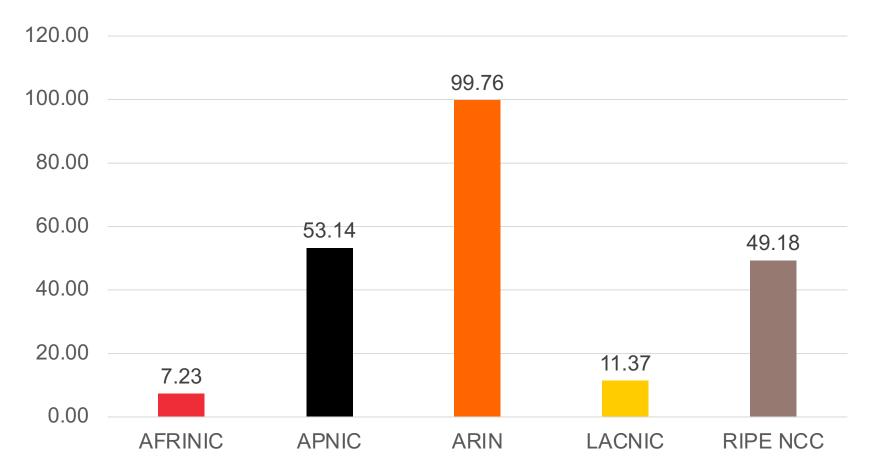
Distribution of the 256 /8s





Total IPv4 Addresses Managed by each RIR

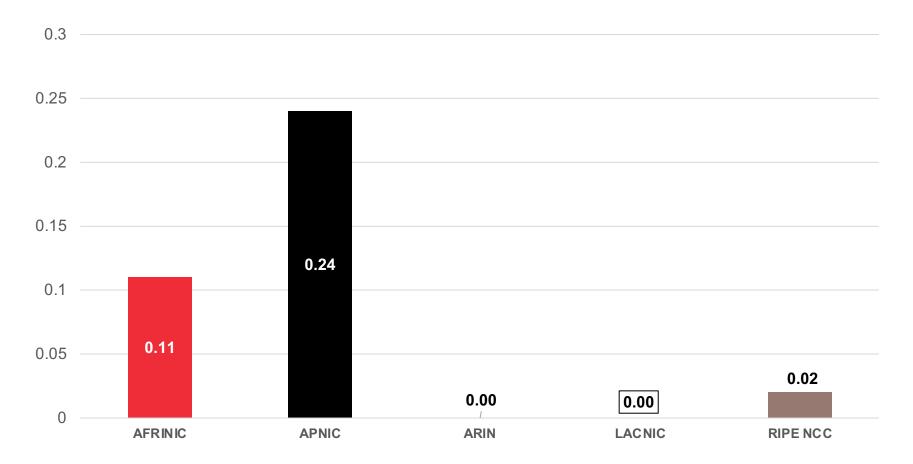
In terms of /8s





Available IPv4 Space in each RIR

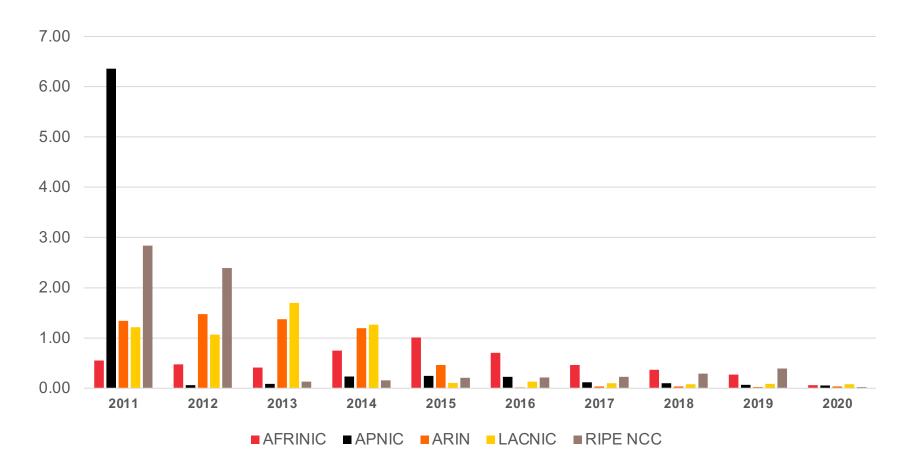
In terms of /8s





IPv4 Space issued by RIRs

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



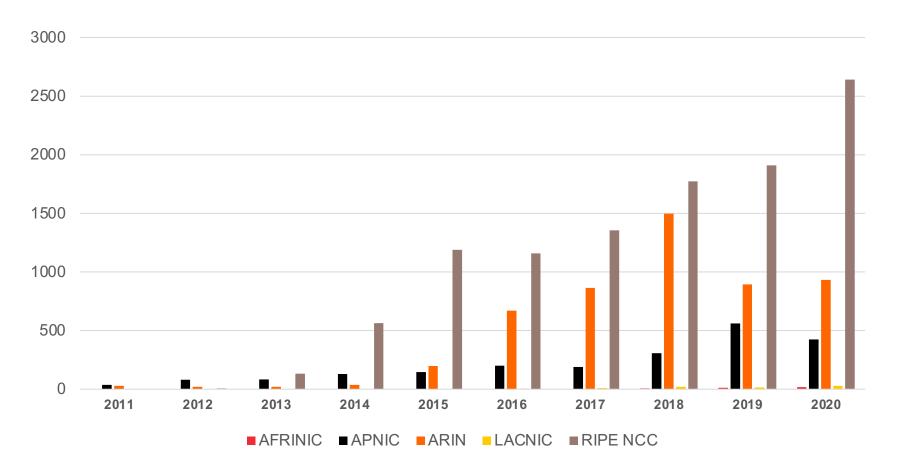


IPv4 Transfers

(exclusive M&A)

Intra-RIR IPv4 Transfers

Number of transfers per year

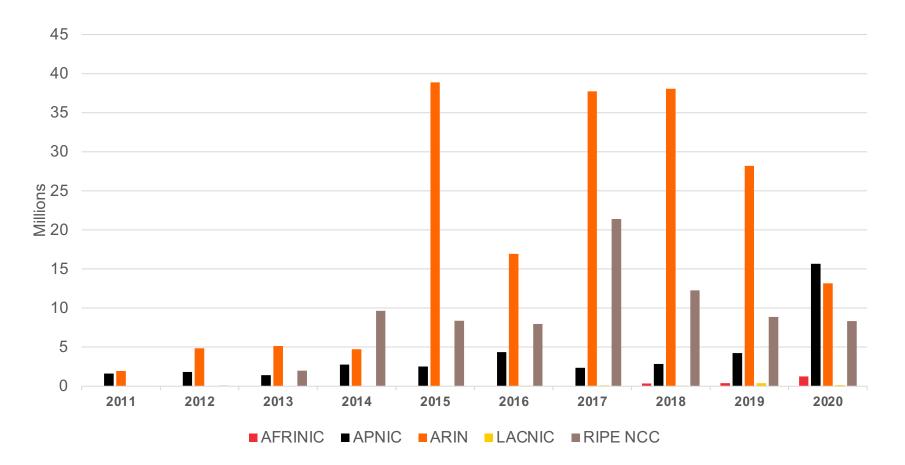




Intra-RIR IPv4 Transfers

8

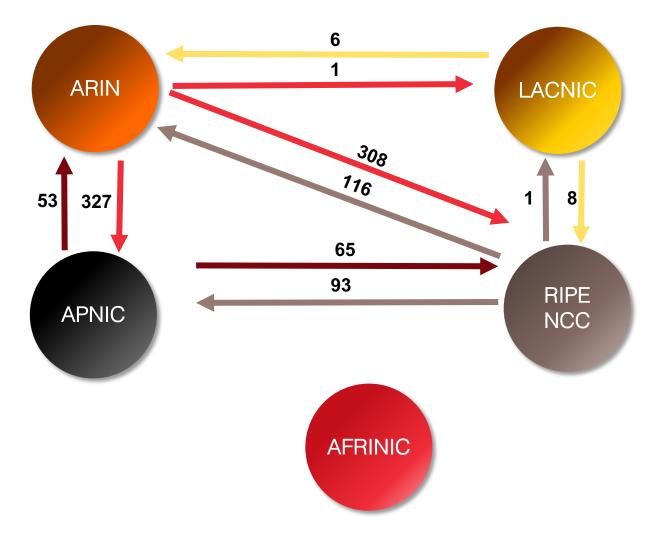
Number of addresses transferred by year





Inter-RIR IPv4 Transfers

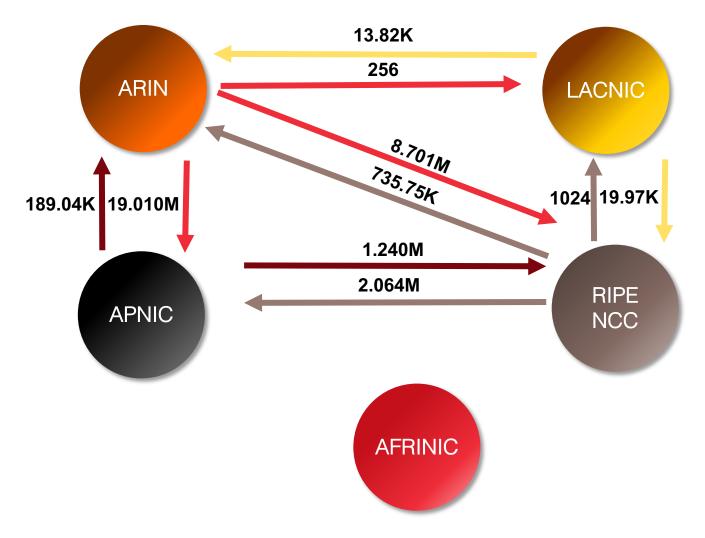
Total number of IPv4 transfers between RIRs





Inter-RIR IPv4 Transfers

Total number of IPv4 addresses transferred between RIRs





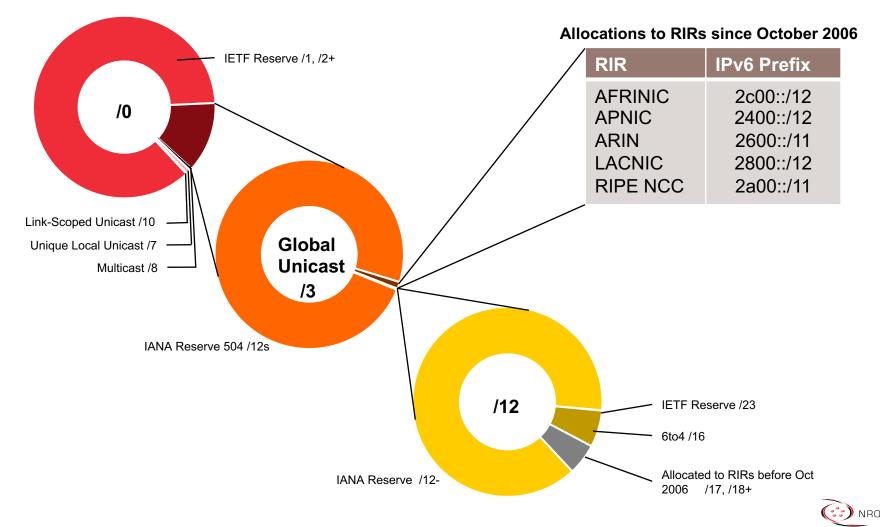
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IPv6

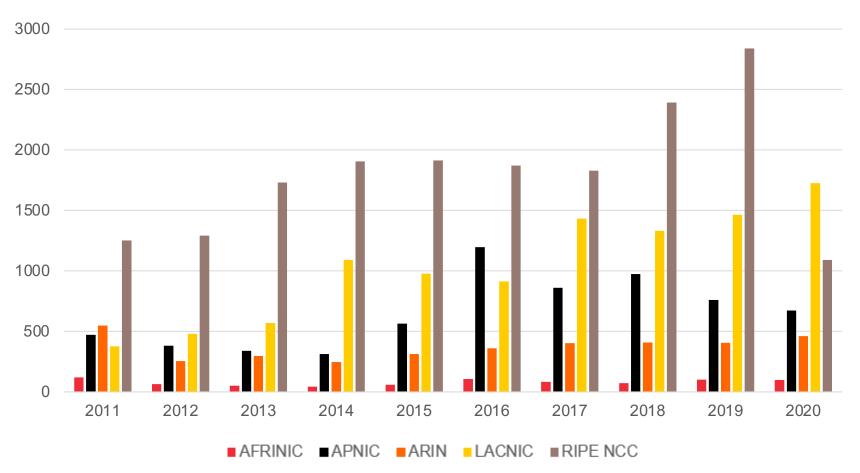
All IPv6 Address Space

How much has been allocated to the RIRs?



IPv6 Allocations Issued by RIRs

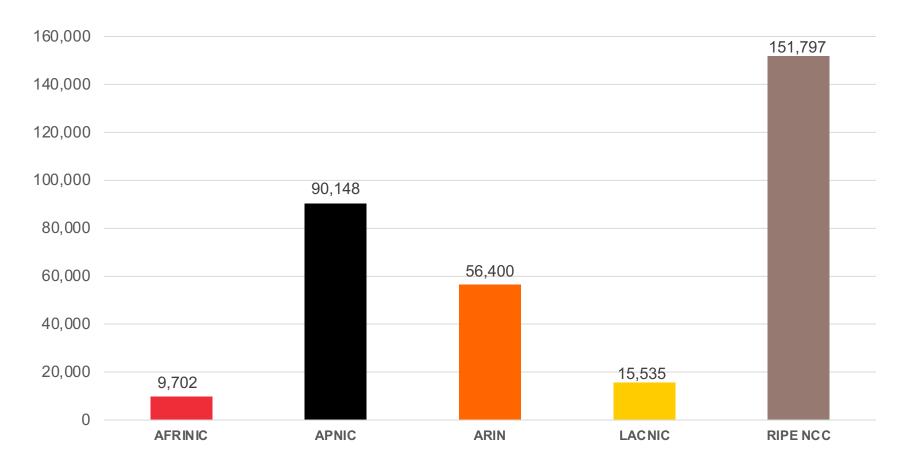
How many prefixes has each RIR allocated per year?





Total Allocated IPv6 Space

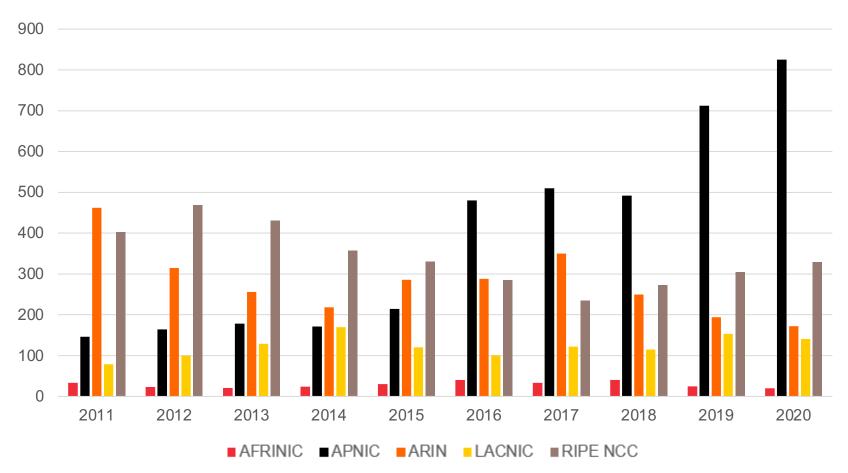
Total size of IPv6 space (in /32s) that each RIR has allocated





IPv6 Assignments Issued by RIRs

How many prefixes has each RIR assigned per year?





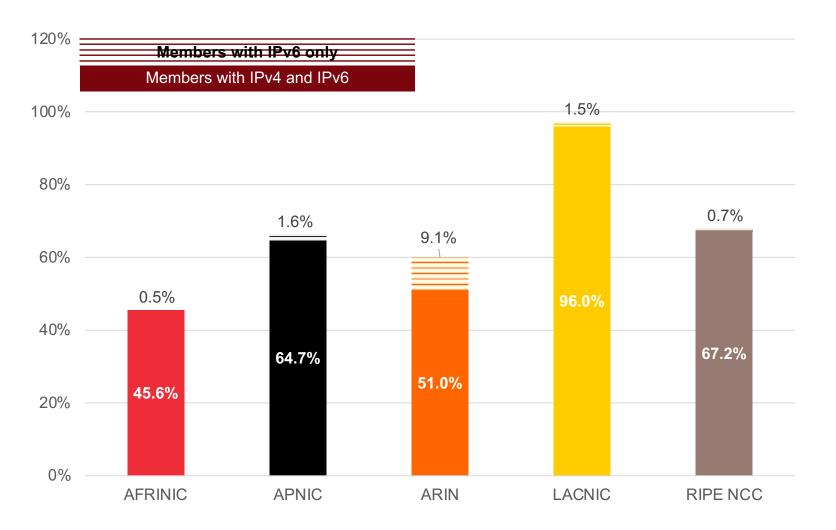
Total Assigned IPv6 Space

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

0	AFRINIC	APNIC	ARIN	LACNIC	RIPE NCC
2,000,000	5,612				200,492
		1,119,024			
4,000,000			3,375,759		
6,000,000				_	
8,000,000					
10,000,000					
40,000,000	9,857,368				
12,000,000					



Percentage of Members with IPv6 in each RIR

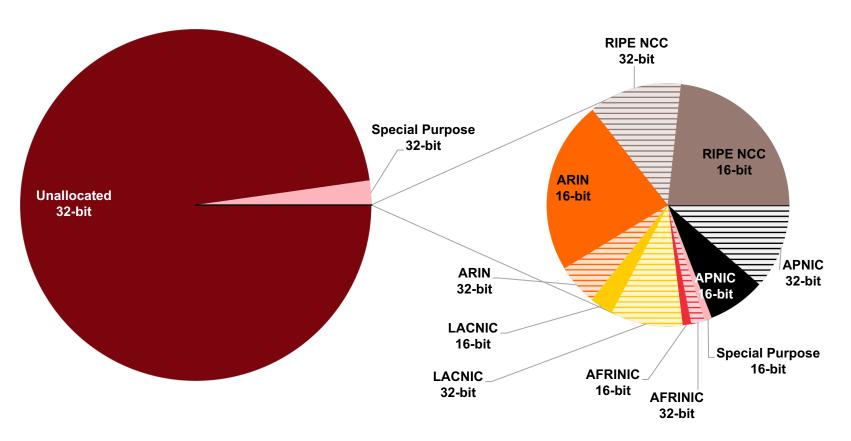




AS Numbers

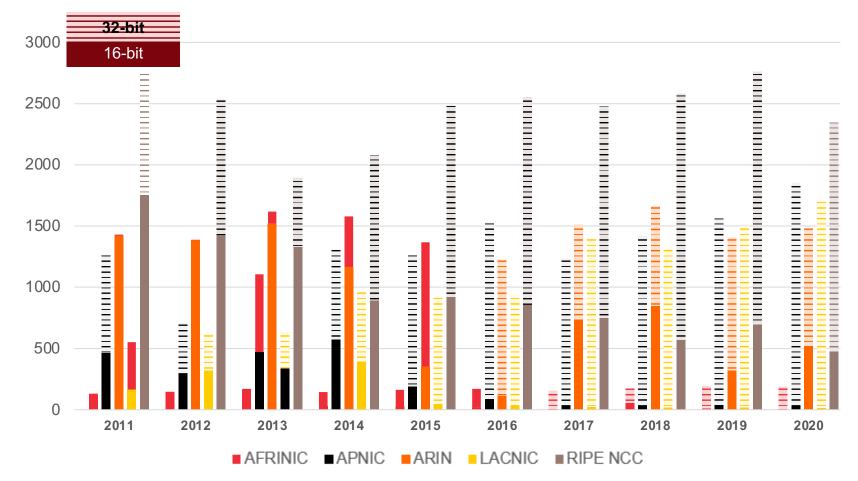
AS Numbers

All ASNs

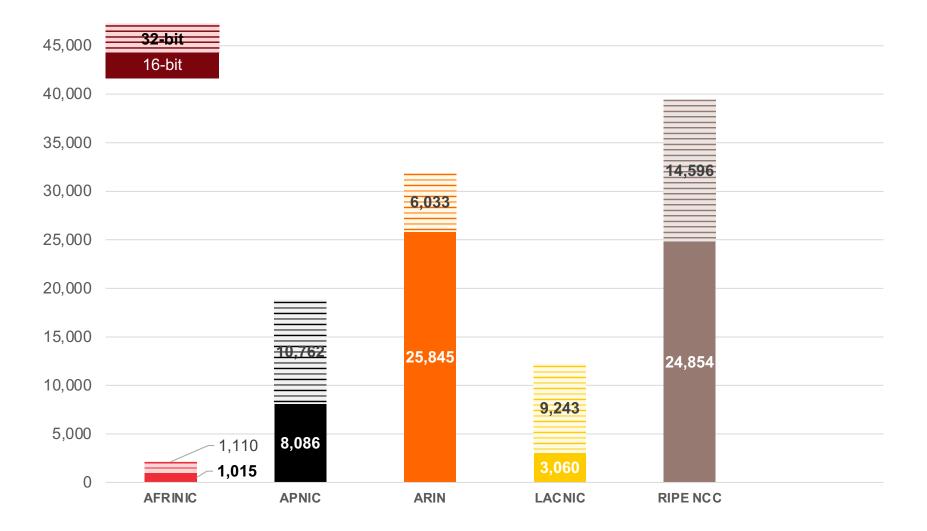


ASN Assignments by RIRs

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