

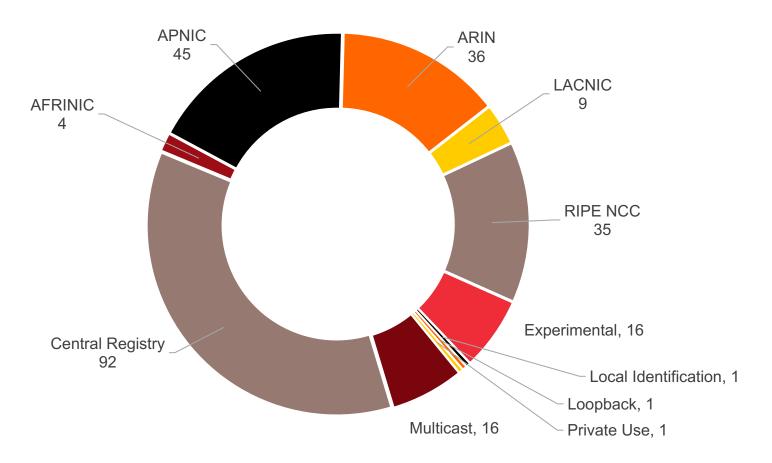
## Internet Number Resource Status Report

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

As of 31 December 2020

#### All IPv4 Address Space

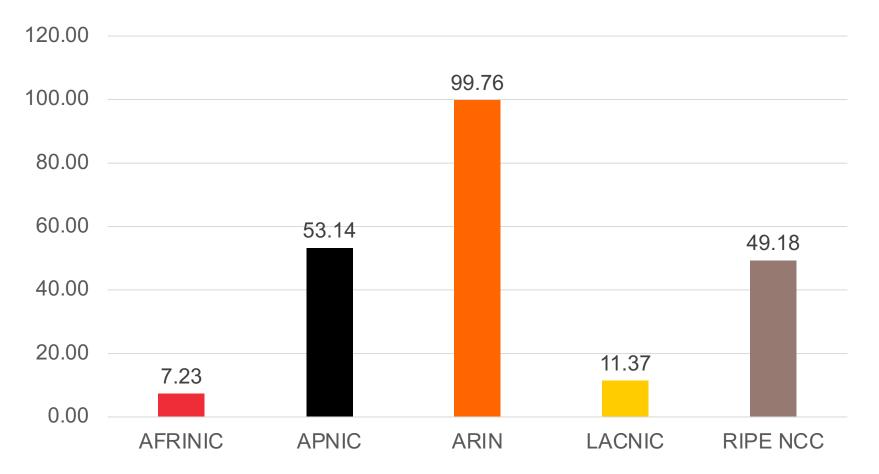
#### Distribution of the 256 /8s





#### Total IPv4 Addresses Managed by each RIR

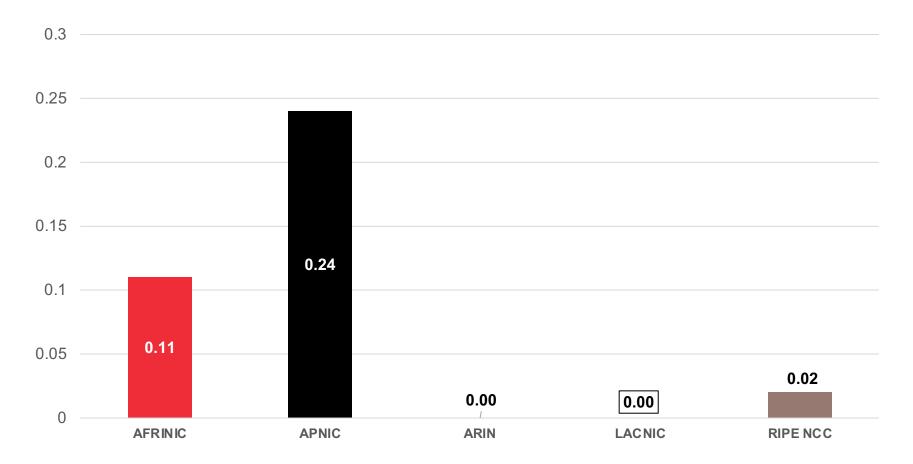
In terms of /8s





#### Available IPv4 Space in each RIR

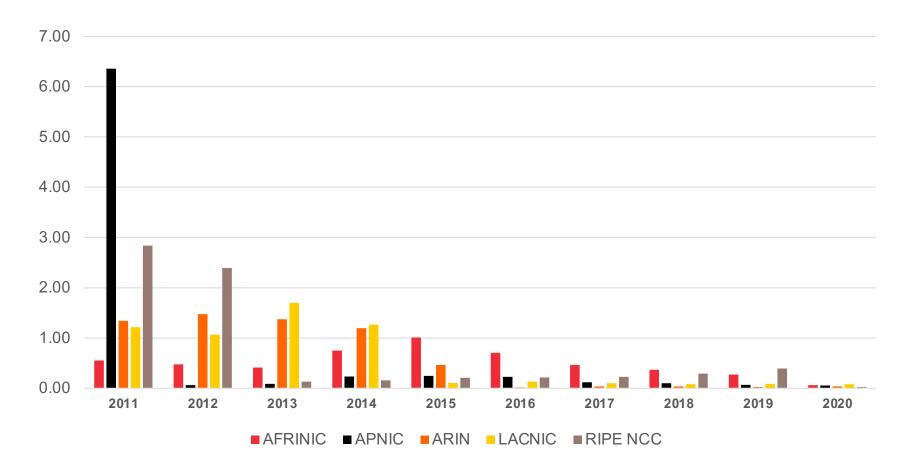
In terms of /8s





#### IPv4 Space issued by RIRs

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



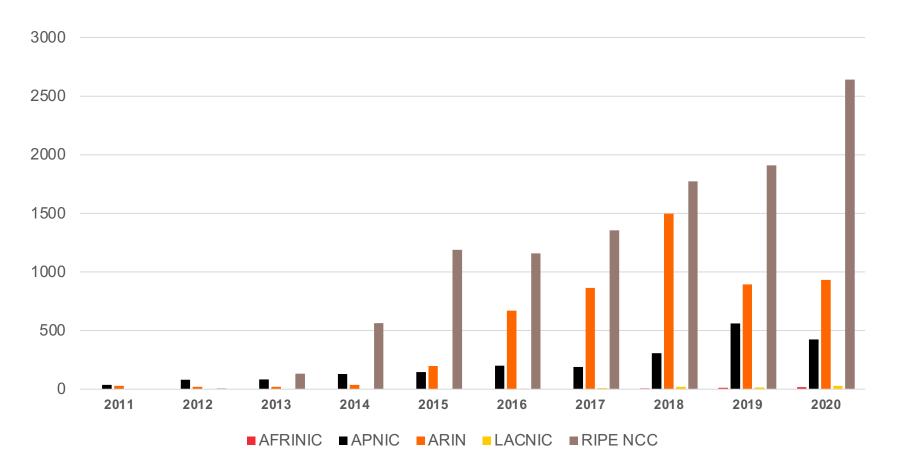


## **IPv4 Transfers**

(exclusive M&A)

#### Intra-RIR IPv4 Transfers

Number of transfers per year

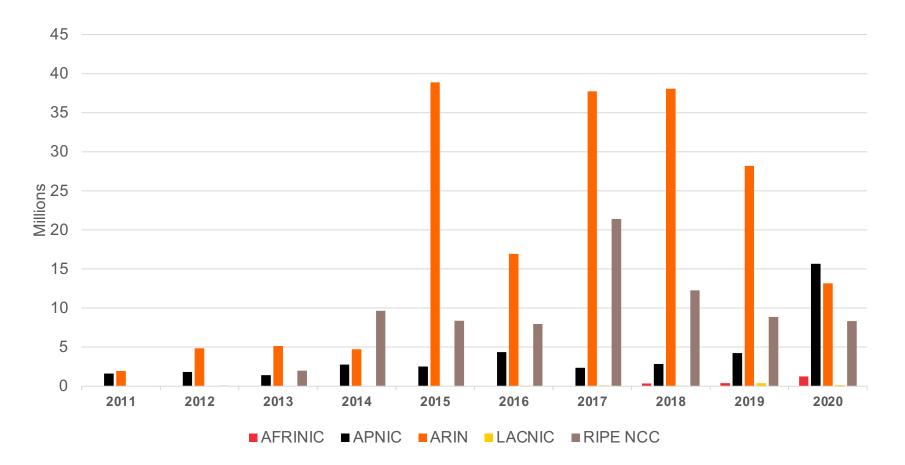




#### Intra-RIR IPv4 Transfers

# 8

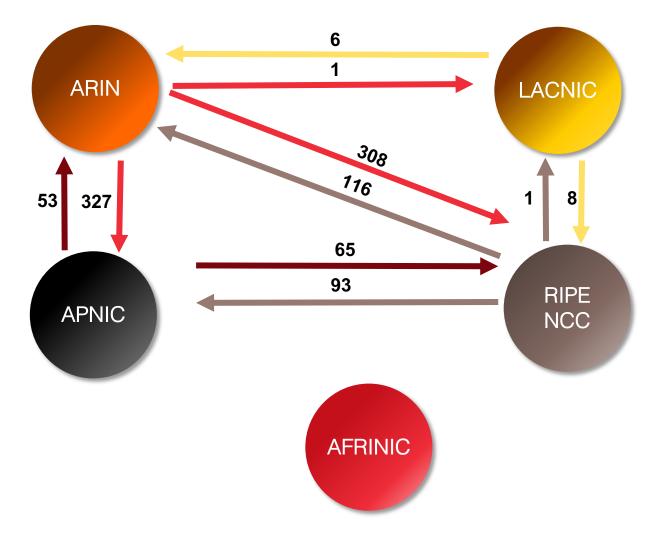
#### Number of addresses transferred by year





#### Inter-RIR IPv4 Transfers

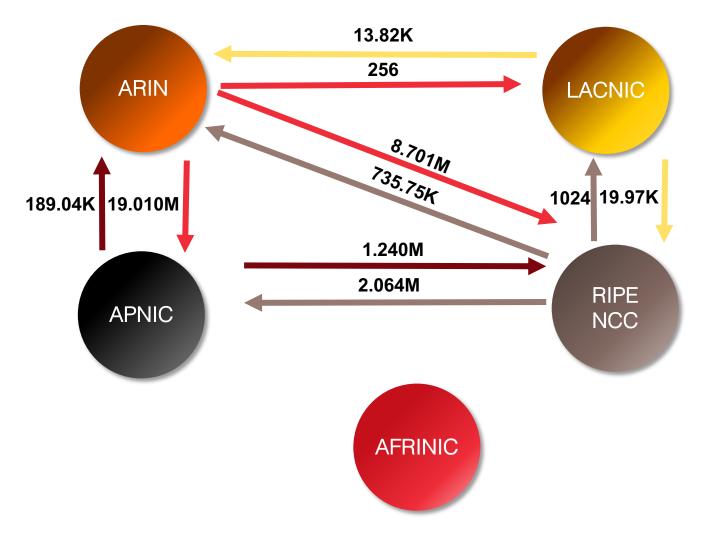
#### Total number of IPv4 transfers between RIRs





#### Inter-RIR IPv4 Transfers

#### Total number of IPv4 addresses transferred between RIRs





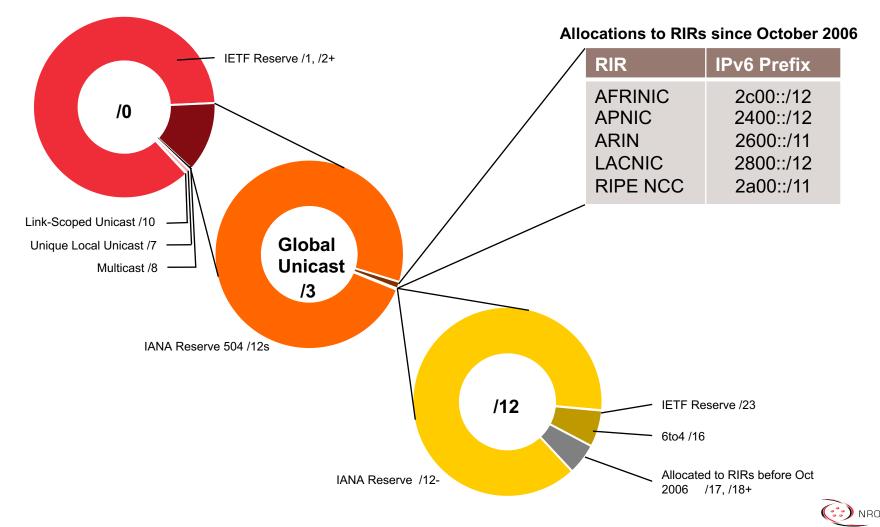
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IPv6

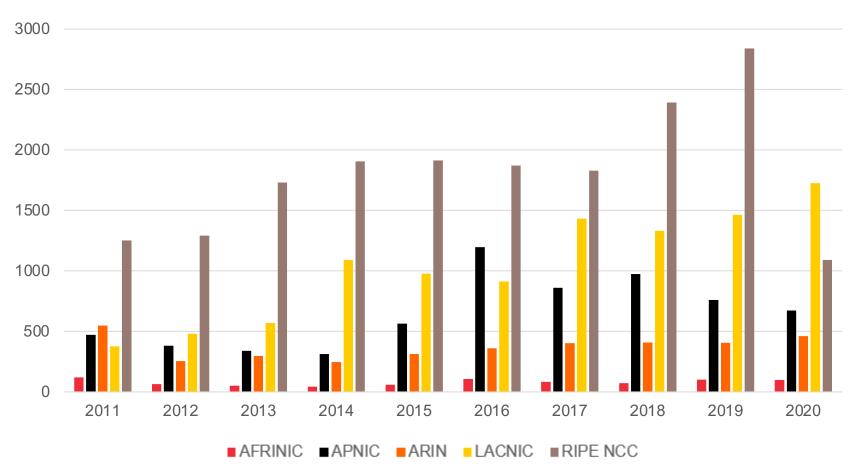
#### All IPv6 Address Space

#### How much has been allocated to the RIRs?



#### IPv6 Allocations Issued by RIRs

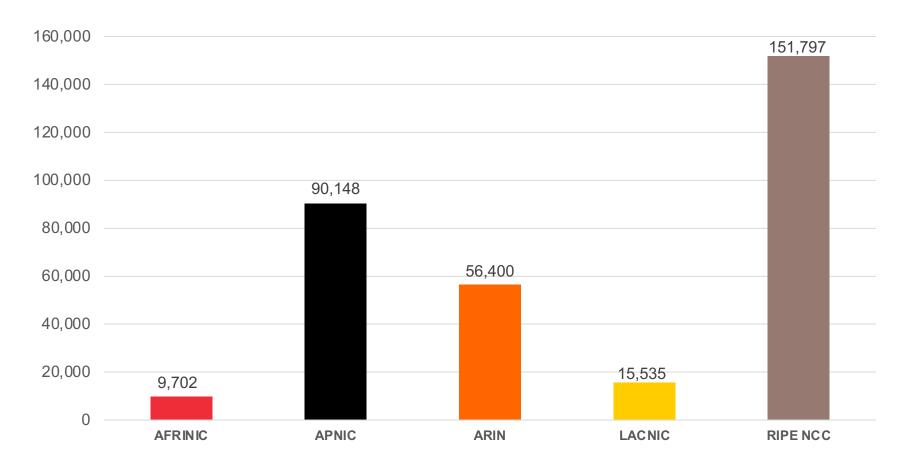
#### How many prefixes has each RIR allocated per year?





#### **Total Allocated IPv6 Space**

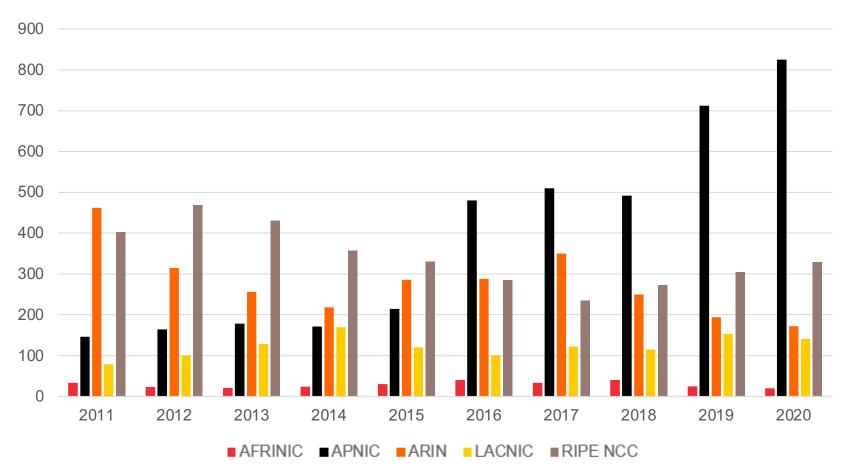
#### Total size of IPv6 space (in /32s) that each RIR has allocated





### IPv6 Assignments Issued by RIRs

#### How many prefixes has each RIR assigned per year?





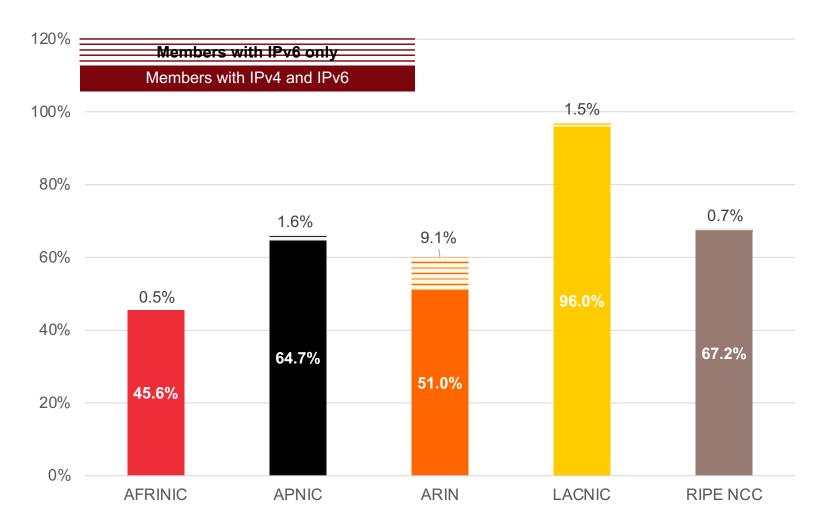
#### **Total Assigned IPv6 Space**

#### 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

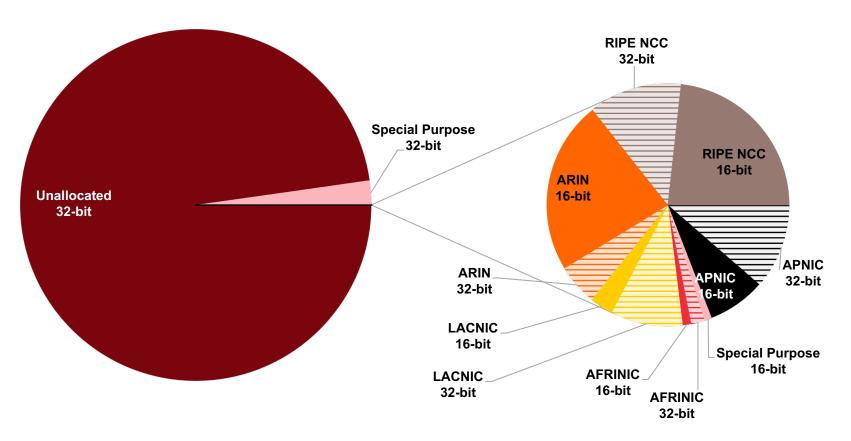




## **AS Numbers**

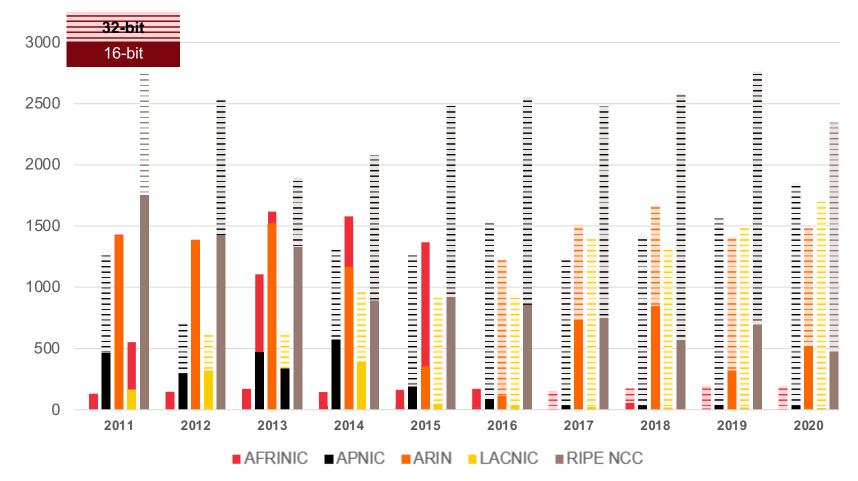
#### **AS Numbers**

All ASNs

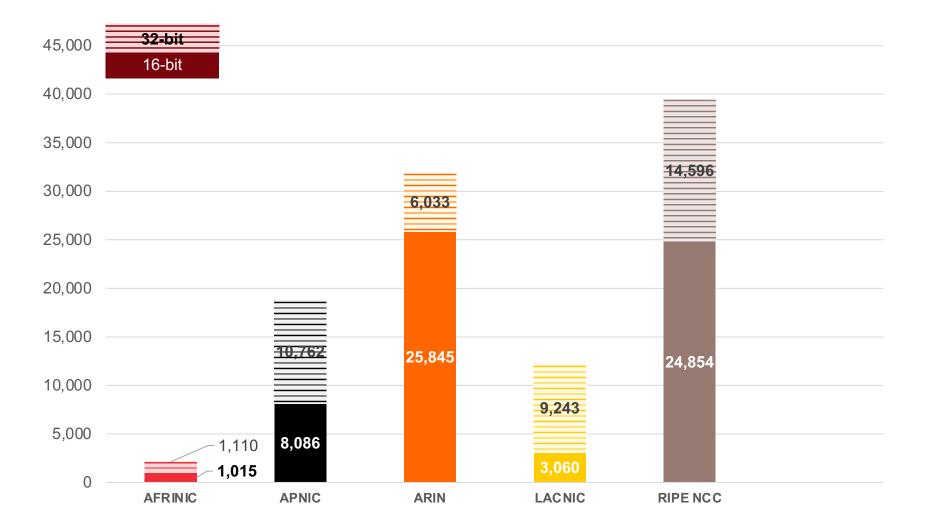


#### **ASN Assignments by RIRs**

#### 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**